

## **VARIATION GUIDELINE**

### **General provisions**

1. A variation which is not a subject for new registration and whose classification is undetermined after application of the rules provided for in Decree of the Government of the Republic of Armenia N 162-N of February 28, 2019, taking into account the guideline, where relevant, any recommendations delivered pursuant to Applicant's request, shall by default be considered a minor variation of type IB.

Prior to submission or examination of a variation whose classification is not provided for in this guideline, an Applicant may request the Scientific Centre to provide a recommendation on the classification of the variation. The recommendation will be delivered within 45 days following receipt of the request and sent to the Applicant.

2. By way of derogation from point 1, a variation which is not a subject for new registration and whose classification is undetermined after application of the rules provided for in Decree of the Government of the Republic of Armenia N 162-N of February 28, 2019 shall be considered a major variation of type II in the following cases:

- (a) upon request from the Applicant when submitting the variation;
- (b) where the competent authority concludes, following the assessment that the variation may have a significant impact on the quality, safety or efficacy of the medicinal product concerned.

### **Variations leading to the revision of product information**

Where a variation leads to the revision of the summary of product characteristics, labelling or package leaflet, this revision shall be considered as part of that variation.

**A. ADMINISTRATIVE CHANGES**

<b>A.1 Change in the name and/or address of the registration certificate holder</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	<b>1</b>	<b>1, 2</b>	<b>IA</b>
<b>Conditions</b>			
1. The registration certificate holder must remain the same legal entity.			
<b>Documentation</b>			
1. A formal document from a relevant official body in which the new name or new address is mentioned.			
2. Revised product information.			

<b>A.2 Change in the (invented) name of the medicinal product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) for products Authorised via simplified procedure</b>	<b>1</b>	<b>1, 2</b>	<b>IA</b>
<b>b) for Products Authorised via standard procedure</b>		<b>2</b>	<b>IB</b>
<b>Conditions</b>			
1. The check by the reference Relevant Authority on the acceptability of the new name has been finalised and was positive.			
<b>Documentation</b>			
1. Copy of the Relevant Authority letter of acceptance of the new (invented) name.			
2. Revised product information.			

<b>A.3 Change in name of the active substance or of an excipient</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	<b>1, 2</b>	<b>1, 2</b>	<b>IA</b>
<b>Conditions</b>			
1. The active substance/excipient must remain the same.			
2. For veterinary medicinal products for food-producing species, the new name has been published			
<b>Documentation</b>			
1. Proof of acceptance by WHO or copy of the INN list. If applicable, proof that the change is in line with the Ph. Eur. For herbal medicinal product, declaration that the name is in accordance with the Note for Guidance on Quality of Herbal Medicinal Products, and with the guideline on declaration of herbal substances and herbal preparations in (traditional) herbal medicinal products.			
2. Revised product information			

<b>A.4 Change in the name and/or address of: a manufacturer (including where relevant quality control testing sites); or an ASMF holder; or a supplier of the active substance, starting material, reagent or intermediate used in the manufacture of the active substance (where specified in the technical dossier) where no Ph. Eur. Certificate of Suitability is part of the approved dossier; or a manufacturer of a novel excipient (where specified in the technical dossier)</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	<b>1</b>	<b>1, 2, 3</b>	<b>IA</b>
<b>Conditions</b>			
1. The manufacturing site and all manufacturing operations must remain the same.			
<b>Documentation</b>			
1. A formal document from a relevant official body in which the new name and/or address is mentioned.			
2. Amendment of the relevant section(s) of the dossier			
3. In case of change in the name of the holder of the Active Substance Master File holder, updated “letter of access”.			

<b>A.5 Change in the name and/or address of a manufacturer of the finished product (including batch release or quality control testing sites)</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>The activities for which the manufacturer is responsible include batch release</b>	<b>1</b>	<b>1, 2</b>	<b>IA</b>
b) <b>The activities for which the manufacturer is responsible do not include batch release</b>	<b>1</b>	<b>1, 2</b>	<b>IA</b>
<b>Conditions</b>			
1. The manufacturing site undergoing the name and/or address change and all manufacturing operations must remain the same.			
<b>Documentation</b>			
1. Copy of the modified manufacturing authorisation, if available; or a formal document from a relevant official body in which the new name and/or address is mentioned.			
2. If applicable, amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including revised product information as appropriate.			

<b>A.6 Change in ATC Code / ATC Vet Code</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	1	1, 2	IA
<b>Conditions</b>			
1. Change following granting of or amendment to ATC Code by WHO / ATC Vet Code.			
<b>Documentation</b>			
1. Proof of acceptance (by WHO) or copy of the ATC (Vet) Code list.			
2. Revised product information			

<b>A.7 Deletion of manufacturing sites for an active substance, intermediate, packaging site, manufacturer responsible for batch release, site where batch control takes place, or supplier of a starting material, reagent or excipient (when mentioned in the dossier)*</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	1, 2	1, 2	IA
<b>Conditions</b>			
1. There should at least remain one site/manufacturer, as previously authorised, performing the same function as the one(s) concerned by the deletion.			
2. The deletion should not be due to critical deficiencies concerning manufacturing.			
<b>Documentation</b>			
1. The Annex to the cover letter of the variation application should clearly outline the “present” and “proposed” manufacturers.			
2. Amendment of the relevant section(s) of the dossier, (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including revised product information as appropriate.			

<b>A.8 Changes to date of the audit to verify GMP compliance of the manufacturer of the active substance*</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			IA
<b>Documentation</b>			
1. Written confirmation from the manufacturer of the finish product stating verification of compliance of the manufacturer of the active substance with principles and guidelines of good manufacturing practices.			
*Note: This variation does not apply when the information has been otherwise transmitted to the authorities (e.g. through the so-called "QP declaration").			

**B. QUALITY CHANGES****B.I ACTIVE SUBSTANCE****B.I.a) Manufacture**

<b>B.I.a.1 Change in the manufacturer of a starting material/reagent/intermediate used in the manufacturing process of the active substance or change in the manufacturer (including where relevant quality control testing sites) of the active substance, where no Ph. Eur. Certificate of Suitability is part of the approved dossier</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) The proposed manufacturer is part of the same pharmaceutical group as the currently approved manufacturer</b>	1, 2, 3	1, 2, 3, 4, 5, 6, 7	IA
<b>b) Introduction of a manufacturer of the active substance supported by an ASMF</b>			II
<b>c) The proposed manufacturer uses a substantially different route of synthesis or manufacturing conditions, which may have a potential to change important quality characteristics of the active substance, such as qualitative and/or quantitative impurity profile requiring qualification, or physico-chemical properties impacting on bioavailability</b>			II
<b>d) New manufacturer of material for which an assessment is required of viral safety and/or TSE risk</b>			II
<b>e) The change relates to a biological active substance or a starting material/reagent/intermediate used in the manufacture of a biological/immunological product</b>			II
<b>f) Changes to quality control testing arrangements for the active substance-replacement or addition of a site where batch control/testing takes place</b>	2, 4	1, 5	IA
<b>g) Introduction of a new manufacturer of the active substance that is not supported by an ASMF and requires significant update to the relevant active substance section of the dossier</b>			II
<b>h) Addition of an alternative sterilisation site for the active substance using a Ph.Eur. method</b>		1, 2, 4, 5, 8	IB
<b>i) Introduction of a new site of micronisation</b>	2, 5	1, 4, 5, 6	IA
<b>j) Changes to quality control testing arrangements for a biological active substance: replacement or addition of a site where batch control/testing including a biological / immunological / immunochemical method takes place</b>			II
<b>k) New storage site of Master Cell Bank and/or Working Cell Banks</b>		1, 5	IB

<b>Conditions</b>	
1.	For starting materials and reagents the specifications (including in process controls, methods of analysis of all materials), are identical to those already approved. For intermediates and active substances the specifications (including in process controls, methods of analysis of all materials), method of preparation (including batch size) and detailed route of synthesis are identical to those already approved.
2.	The active substance is not a biological/immunological substance or sterile.
3.	Where materials of human or animal origin are used in the process, the manufacturer does not use any new supplier for which assessment is required of viral safety or of compliance with the current <i>Note for Guidance on Minimising the Risk of Transmitting Animal Spongiform Encephalopathy Agents via Human and Veterinary Medicinal Products</i> .
4.	Method transfer from the old to the new site has been successfully completed.
5.	The particle size specification of the active substance and the corresponding analytical method remain the same.
<b>Documentation</b>	
1.	Amendment of the relevant section(s) of the dossier, if applicable.
2.	A declaration from the registration certificate holder or the ASMF holder, where applicable, that the synthetic route (or in case of herbal medicinal products, where appropriate the method of preparation, geographical source, production of herbal drug and manufacturing route) quality control procedures and specifications of the active substance and of the starting material/reagent/intermediate in the manufacturing process of the active substance (if applicable) are the same as those already approved.
3.	Either a TSE Ph. Eur. Certificate of Suitability for any new source of material or, where applicable, documentary evidence that the specific source of the TSE risk material has previously been assessed by the competent authority and shown to comply with the current <i>Note for Guidance on Minimising the Risk of Transmitting Animal Spongiform Encephalopathy Agents via Human and Veterinary Medicinal Products</i> . The information should include the following: Name of manufacturer, species and tissues from which the material is a derivative, country of origin of the source animals, its use and previous acceptance.
4.	Batch analysis data (in a comparative tabular format) for at least two batches (minimum pilot scale) of the active substance from the current and proposed manufacturers/sites.
5.	The variation dossier (Annex to Module 1, 1.0 Cover letter ) should clearly outline the “present” and “proposed” manufacturers.
6.	A declaration by the Qualified Person (QP) of each of the manufacturing authorisation holders listed in the application where the active substance is used as a starting material and a declaration by the Qualified Person (QP) of each of the manufacturing authorisation holders listed in the application as responsible for batch release. These declarations should state that the active substance manufacturer(s) referred to in the application operate in compliance with the detailed guidelines on good manufacturing practice for starting materials. A single declaration may be acceptable under certain circumstances - see the note under variation no. B.II.b.1.
7.	Where relevant, a commitment of the manufacturer of the active substance to inform the MA holder of any changes to the manufacturing process, specifications and test procedures of the active substance.
8.	Proof that the proposed site is appropriately authorised for the pharmaceutical form or product or manufacturing operation concerned, i.e.:  For a manufacturing site within the EU/EEA: a copy of the current manufacturing authorisation and a GMP certificate issued within the last 3 years by the relevant competent authority of one

of the Member States of the EU/EEA. A reference to the EudraGMP database will suffice;

For a manufacturing site outside the EU/EEA a copy of the current manufacturing authorisation and a GMP certificate issued within the last 3 years by the relevant competent authority. If available, copy of a GMP certificate issued within the last 3 years by a EU/EEA competent authority. A reference to the EudraGMP database will suffice.

<b>B.I.a.2 Changes in the manufacturing process of the active substance</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Minor change in the manufacturing process of the active substance</b>	1, 2, 3, 4, 5, 6, 7	1, 2, 3	IA
b) <b>Substantial change to the manufacturing process of the active substance which may have a significant impact on the quality, safety or efficacy of the medicinal product</b>			II
c) <b>The change refers to a biological / immunological substance or use of a different chemically derived substance in the manufacture of a biological/immunological substance, which may have a significant impact on the quality, safety and efficacy of the medicinal product and is not related to a protocol</b>			II
d) <b>The change relates to a herbal medicinal product and there is a change to any of the following: geographical source, manufacturing route or production</b>			II
e) <b>Minor change to the restricted part of an Active Substance Master File</b>		1, 2, 3, 4	IB
<b>Conditions</b>			
1. No adverse change in qualitative and quantitative impurity profile or in physico-chemical properties.			
2. The synthetic route remains the same, i.e. intermediates remain the same and there are no new reagents, catalysts or solvents used in the process. In the case of herbal medicinal products, the geographical source, production of the herbal substance and the manufacturing route remain the same.			
3. The specifications of the active substance or intermediates are unchanged.			
4. The change is fully described in the open (“applicant’s”) part of an Active Substance Master File, if applicable.			
5. The active substance is not a biological / immunological substance.			
6. The change does not refer to the geographical source, manufacturing route or production of a herbal medicinal product.			
7. The change does not refer to the restricted part of an Active Substance Master File.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier and of the approved Active Substance Master File (where applicable), including a direct comparison of the present process and the new process.			

2.	Batch analysis data (in comparative tabular format) of at least two batches (minimum pilot scale) manufactured according to the currently approved and proposed process.
3.	Copy of approved specifications of the active substance.
4.	A declaration from the registration certificate holder or the ASMF Holder, where applicable, that there is no change in qualitative and quantitative impurity profile or in physico-chemical properties, that the synthetic route remains the same and that the specifications of the active substance or intermediates are unchanged.
Note: For B.I.a.2.b For chemical active substances, this refers to substantial changes to the synthetic route or manufacturing conditions which may have a potential to change important quality characteristics of the active substance, such as qualitative and/or quantitative impurity profile requiring qualification, or physico-chemical properties impacting on bioavailability.	

<b>B.I.a.3 Change in batch size (including batch size ranges) of active substance or intermediate used in the manufacturing process of the active substance</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Up to 10-fold increase compared to the originally approved batch size</b>	1, 2, 3, 4, 6, 7, 8	1, 2, 5	IA
b) <b>Downscaling down to 10-fold</b>	1, 2, 3, 4, 5	1, 2, 5	IA
c) <b>The change requires assessment of the comparability of a biological/immunological active substance</b>			II
d) <b>More than 10-fold increase compared to the originally approved batch size</b>		1, 2, 3, 4	IB
e) <b>The scale for a biological/immunological active substance is increased / decreased without process change (e.g. duplication of line)</b>		1, 2, 3, 4	IB
<b>Conditions</b>			
1. Any changes to the manufacturing methods are only those necessitated by scale-up or downscaling, e.g. use of different-sized equipment.			
2. Test results of at least two batches according to the specifications should be available for the proposed batch size.			
3. The product concerned is not a biological/immunological medicinal product.			
4. The change does not adversely affect the reproducibility of the process.			
5. The change should not be the result of unexpected events arising during manufacture or because of stability concerns.			
6. The specifications of the active substance/intermediates remain the same.			
7. The active substance is not sterile.			
8. The batch size is within the 10-fold range of the batch size foreseen when the marketing authorisation was granted or following a subsequent change not agreed as a Type IA variation.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).			
2. The batch numbers of the tested batches having the proposed batch size.			

3.	Batch analysis data (in a comparative tabulated format) on a minimum of one production batch of the active substance or intermediate as appropriate, manufactured to both the currently approved and the proposed sizes. Batch data on the next two full production batches should be made available upon request and reported by the registration certificate holder if outside specification (with proposed action).
4.	Copy of approved specifications of the active substance (and of the intermediate, if applicable).
5.	A declaration from the registration certificate holder or the ASMF holder as appropriate that the changes to the manufacturing methods are only those necessitated by scale-up or downscaling, e.g. use of different-sized equipment, that the change does not adversely affect the reproducibility of the process, that it is not the result of unexpected events arising during manufacture or because of stability concerns and that the specifications of the active substance/intermediates remain the same.

<b>B.I.a.4 Change to in-process tests or limits applied during the manufacture of the active substance</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Tightening of in-process limits</b>	1, 2, 3, 4	1, 2	IA
<b>b) Addition of a new in-process test and limits</b>	1, 2, 5, 6	1, 2, 3, 4, 6	IA
<b>c) Deletion of a non-significant in-process test</b>	1, 2, 7	1, 2, 5	IA
<b>d) Widening of the approved in-process test limits, which may have a significant effect on the overall quality of the active substance</b>			II
<b>e) Deletion of an in-process test which may have a significant effect on the overall quality of the active substance</b>			II
<b>f) Addition or replacement of an in-process test as a result of a safety or quality issue</b>		1, 2, 3, 4, 6	IB
<b>Conditions</b>			
1. The change is not a consequence of any commitment from previous assessments to review specification limits (e.g. made during the procedure for the marketing authorisation application or a type II variation procedure).			
2. The change does not result from unexpected events arising during manufacture e.g. new unqualified impurity; change in total impurity limits.			
3. Any change should be within the range of currently approved limits.			
4. The test procedure remains the same, or changes in the test procedure are minor.			
5. Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way.			
6. The new test method is not a biological/immunological/immunochemical method or a method using a biological reagent for a biological active substance (does not include standard pharmacopoeial microbiological methods).			
7. The specification parameter does not concern a critical parameter for example any of the following: assay, impurities (unless a particular solvent is definitely not used in the manufacture of the active substance), any critical physical characteristics e.g. particle size, bulk or tapped density, identity test, water, any request for changing the frequency of testing.			

<b>Documentation</b>	
1.	Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)
2.	Comparative table of current and proposed in-process tests.
3.	Details of any new non-pharmacopoeial analytical method and validation data, where relevant.
4.	Batch analysis data on two production batches (3 production batches for biologicals, unless otherwise justified) of the active substance for all specification parameters.
5.	Justification/risk assessment from the registration certificate holder or the ASMF Holder, as appropriate, that the in-process tests are non-significant, or that the in-process tests are obsolete.
6.	Justification from the MAH or ASMF Holder as appropriate for the new in-process test and limits.

<b>B.I.a.5 Changes to the active substance of a seasonal, pre-pandemic or pandemic vaccine against human influenza</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Replacement of the strain(s) in a seasonal, pre-pandemic or a pandemic vaccine against human influenza</b>			<b>II</b>

## B.I.b) Control of active substance

<b>B.I.b.1 Change in the specification parameters and/or limits of an active substance, starting material / intermediate / reagent used in the manufacturing process of the active substance</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Tightening of specification limits for medicinal products subject to Official Control Authority Batch Release</b>	1, 2, 3, 4	1, 2	IA
b) <b>Tightening of specification limits</b>	1, 2, 3, 4	1, 2	IA
c) <b>Addition of a new specification parameter to the specification with its corresponding test method</b>	1, 2, 5, 6, 7	1, 2, 3, 4, 5, 7	IA
d) <b>Deletion of a non-significant specification parameter (e.g. deletion of an obsolete parameter)</b>	1, 2, 8	1, 2, 6	IA
e) <b>Deletion of a specification parameter which may have a significant effect on the overall quality of the active substance and/or the finished product</b>			II
f) <b>Change outside the approved specifications limits range for the active substance</b>			II
g) <b>Widening of the approved specifications limits for starting materials/intermediates, which may have a significant effect on the overall quality of the active substance and/or the finished product</b>			II
h) <b>Addition or replacement (excluding biological or immunological substance) of a specification parameter with its corresponding test method as a result of a safety or quality issue</b>		1, 2, 3, 4, 5, 7	IB
i) <b>Where there is no monograph in the European Pharmacopoeia or the acting in the RA pharmacopoeia for the active substance, a change in specification from in-house to a non-official Pharmacopoeia or a Pharmacopoeia of a third country</b>		1, 2, 3, 4, 5, 7	IB
<b>Conditions</b>			
1. The change is not a consequence of any commitment from previous assessments to review specification limits (e.g. made during the procedure for the marketing authorisation application or a type II variation procedure).			
2. The change does not result from unexpected events arising during manufacture e.g. new unqualified impurity; change in total impurity limits.			
3. Any change should be within the range of currently approved limits.			
4. The test procedure remains the same, or changes in the test procedure are minor.			
5. Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way.			
6. The test method is not a biological/immunological/immunochemical method or a method using a biological reagent for a biological active substance (does not include standard pharmacopoeia microbiological methods).			

7.	For any material, the change does not concern a genotoxic impurity. If it involves the final active substance, other than for residual solvents which must be in line with ICH/VICH limits, any new impurity control should be in line with the Ph. Eur. or other Pharmacopoeias acting in RA.
8.	The specification parameter does not concern a critical parameter, for example any of the following: assay, impurities (unless a particular solvent is definitely not used in the manufacture of the active substance), any critical physical characteristics e.g. particle size, bulk or tapped density, identity test, water, any request for skip testing.
<b>Documentation</b>	
1.	Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).
2.	Comparative table of current and proposed specifications.
3.	Details of any new analytical method and validation data, where relevant.
4.	Batch analysis data on two production batches (3 production batches for biologicals, unless otherwise justified) of the relevant substance for all specification parameters.
5.	Where appropriate, comparative dissolution profile data for the finished product on at least one pilot batch containing the active substance complying with the current and proposed specification. For herbal medicinal products, comparative disintegration data may be acceptable.
6.	Justification/risk assessment from the registration certificate holder or the ASMF Holder, as appropriate, that the in-process parameter is non-significant, or that the in-process parameter is obsolete.
7.	Justification from the MAH or ASMF Holder as appropriate of the new specification parameter and the limits.

<b>B.I.b.2 Change in test procedure for active substance or starting material/reagent/intermediate used in the manufacturing process of the active substance</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Minor changes to an approved test procedure</b>	1, 2, 3, 4	1, 2	IA
<b>b) Deletion of a test procedure for the active substance or a starting material/reagent/intermediate, if an alternative test procedure is already authorised.</b>	7	1	IA
<b>c) Other changes to a test procedure (including replacement or addition) for a reagent, which does not have a significant effect on the overall quality of the active substance</b>	1, 2, 3, 5, 6	1, 2	IA
<b>d) Substantial change to or replacement of a biological/ immunological/ immunochemical test method or a method using a biological reagent for a biological active substance</b>			II
<b>e) Other changes to a test procedure (including replacement or addition) for the active substance or a starting material/intermediate</b>		1, 2	IB

<b>Conditions</b>	
1.	Appropriate validation studies have been performed in accordance with the relevant guidelines and show that the updated test procedure is at least equivalent to the former test procedure.
2.	There have been no changes of the total impurity limits; no new unqualified impurities are detected.
3.	The method of analysis should remain the same (e.g. a change in column length or temperature, but not a different type of column or method).
4.	The test method is not a biological/immunological/immunochemical method, or a method using a biological reagent for a biological active substance. (does not include standard pharmacopoeial microbiological methods).
5.	Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way.
6.	The active substance is not biological/immunological.
7.	An alternative test procedure is already authorised for the specification parameter and this procedure has not been added through IA notification.
<b>Documentation</b>	
1.	Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including a description of the analytical methodology, a summary of validation data, revised specifications for impurities (if applicable).
2.	Comparative validation results, or if justified comparative analysis results showing that the current test and the proposed one are equivalent. This requirement is not applicable in case of an addition of a new test procedure.

### B.I.c) Container closure system

<b>B.I.c.1 Change in immediate packaging of the active substance</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Qualitative and/or quantitative composition</b>	1, 2, 3	1, 2, 3, 4, 6	IA
<b>b) Qualitative and/or quantitative composition for sterile and non-frozen biological/immunological active substances</b>			II
<b>c) Liquid active substances (non sterile)</b>		1, 2, 3, 5, 6	IB
<b>Conditions</b>			
1. The proposed packaging material must be at least equivalent to the approved material in respect of its relevant properties.			
2. Relevant stability studies have been started under ICH/VICH conditions and relevant stability parameters have been assessed in at least two pilot scale or industrial scale batches and at least three months satisfactory stability data are at the disposal of the applicant at time of implementation. However, if the proposed packaging is more resistant than the existing packaging, the three months' stability data do not yet have to be available. These studies must be finalised and the data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the shelf-life/retest period (with proposed action).			
3. Sterile, liquid and biological/immunological active substances are excluded.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).			
2. Appropriate data on the new packaging (e.g. comparative data on permeability e.g. for O <sub>2</sub> , CO <sub>2</sub> moisture), including a confirmation that the material complies with relevant pharmacopoeial requirements or legislation on plastic materials and objects in contact with foodstuffs.			
3. Where appropriate, proof must be provided that no interaction between the content and the packaging material occurs (e.g. no migration of components of the proposed material into the content and no loss of components of the product into the pack), including confirmation that the material complies with relevant pharmacopoeia requirements or legislation on plastic material and objects in contact with foodstuffs.			
4. A declaration from the registration certificate holder or the ASMF holder as appropriate that the required stability studies have been started under ICH/VICH conditions (with indication of the batch numbers concerned) and that, as relevant, the required minimum satisfactory stability data were at the disposal of the applicant at time of implementation and that the available data did not indicate a problem. Assurance should also be given that the studies will be finalised and that data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action).			
5. The results of stability studies that have been carried out under ICH/VICH conditions, on the relevant stability parameters, on at least two pilot or industrial scale batches, covering a minimum period of 3 months, and an assurance is given that these studies will be finalised, and that data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved retest period (with proposed action).			
6. Comparison of the current and proposed immediate packaging specifications, if applicable.			

<b>B.I.c.2 Change in the specification parameters and/or limits of the immediate packaging of the active substance</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Tightening of specification limits</b>	1, 2, 3, 4	1, 2	IA
b) <b>Addition of a new specification parameter to the specification with its corresponding test method</b>	1, 2, 5	1, 2, 3, 4, 6	IA
c) <b>Deletion of a non-significant specification parameter (e.g. deletion of an obsolete parameter)</b>	1, 2	1, 2, 5	IA
d) <b>Addition or replacement of a specification parameter as a result of a safety or quality issue</b>		1, 2, 3, 4, 6	IB
<b>Conditions</b>			
1. The change is not a consequence of any commitment from previous assessments to review specification limits (e.g. made during the procedure for the marketing authorisation application or a type II variation procedure) unless it has been previously assessed and agreed as part of a follow-up measure.			
2. The change does not result from unexpected events arising during manufacture of the packaging material or during storage of the active substance.			
3. Any change should be within the range of currently approved limits.			
4. The test procedure remains the same, or changes in the test procedure are minor.			
5. Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)			
2. Comparative table of current and proposed specifications.			
3. Details of any new analytical method and validation data, where relevant.			
4. Batch analysis data on two batches of the immediate packaging for all specification parameters.			
5. Justification/risk assessment from the registration certificate holder or the ASMF Holder, as appropriate, that the in-process parameter are non-significant, or that the in-process parameter is obsolete.			
6. Justification from the registration certificate holder or the ASMF Holder, as appropriate, of the new specification parameter and the limits.			

<b>B.I.c.3 Change in test procedure for the immediate packaging of the active substance</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Minor changes to an approved test procedure</b>	1, 2, 3,	1, 2	IA
b) <b>Other changes to a test procedure (including replacement or addition)</b>	1, 3, 4	1, 2	IA
c) <b>Deletion of a test procedure if an alternative test procedure is already authorised</b>	5	1	IA

<b>Conditions</b>
1. Appropriate validation studies have been performed in accordance with the relevant guidelines and show that the updated test procedure is at least equivalent to the former test procedure.
2. The method of analysis should remain the same (e.g. a change in column length or temperature, but not a different type of column or method).
3. Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way.
4. The active substance/ finished product is not biological/immunological.
5. There is still a test procedure registered for the specification parameter and this procedure has not been added through a notification.
<b>Documentation</b>
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including a description of the analytical methodology, a summary of validation data.
2. Comparative validation results or if justified comparative analysis results showing that the current test and the proposed one are equivalent. This requirement is not applicable in case of an addition of a new test procedure.

#### **B.I.d) Stability**

<b>B.I.d.1 Change in the re-test period/storage period or storage conditions of the active substance where no Ph. Eur. Certificate of Suitability covering the retest period is part of the approved dossier</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Re-test period/storage period</b>			
<b>1. Reduction</b>	1	1, 2, 3	IA
<b>2. Extension of the retest period based on extrapolation of stability data not in accordance with ICH/VICH guidelines*</b>			II
<b>3. Extension of storage period of a biological/immunological active substance not in accordance with an approved stability protocol</b>			II
<b>4. Extension or introduction of a re-test period/storage period supported by real time data</b>		1, 2, 3	IB
<b>b) Storage conditions</b>			
<b>1. Change to more restrictive storage conditions of the active substance</b>	1	1, 2, 3	IA
<b>2. Change in storage conditions of biological/immunological active substances, when the stability studies have not been performed in accordance with a currently approved stability protocol</b>			II
<b>3. Change in storage conditions of the active substance</b>		1, 2, 3	IB

<b>c) Change to an approved stability protocol</b>	<b>1, 2</b>	<b>1, 4</b>	<b>IA</b>
<b>Conditions</b>			
1. The change should not be the result of unexpected events arising during manufacture or because of stability concerns.			
2. The changes do not concern a widening of the acceptance criteria in the parameters tested, a removal of stability indicating parameters or a reduction in the frequency of testing.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate). This must contain results of appropriate real time stability studies, conducted in accordance with the relevant stability guidelines on at least two (three for biological medicinal products) pilot or production scale batches of the active substance in the authorised packaging material and covering the duration of the requested re-test period or requested storage conditions.			
2. Confirmation that stability studies have been done to the currently approved protocol. The studies must show that the agreed relevant specifications are still met.			
3. Copy of approved specifications of the active substance.			
4. Justification for the proposed changes.			
* Note: retest period not applicable for biological/immunological active substance			

### B.I.e) Design Space and post-approval change management protocols

<b>B.I.e.1 Introduction of a new design space or extension of an approved design space for the active substance, concerning:</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) One unit operation in the manufacturing process of the active substance including the resulting in-process controls and/or test procedures		1, 2, 3	II
b) Test procedures for starting materials/reagents/intermediates and/or the active substance		1, 2, 3	II
<b>Documentation</b>			
1. The design space has been developed in accordance with the relevant European and international scientific guidelines. Results from product, process and analytical development studies (e.g. interaction of the different parameters forming the design space have to be studied, including risk assessment and multivariate studies, as appropriate) demonstrating where relevant that a systematic mechanistic understanding of material attributes and process parameters to the critical quality attributes of the active substance has been achieved.			
2. Description of the Design space in tabular format, including the variables (material attributes and process parameters, as appropriate) and their proposed ranges.			
3. Amendment of the relevant section(s) of the dossier. (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)			

<b>B.I.e.2 Introduction of a post approval change management protocol related to the active substance</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
		1, 2, 3	II
<b>Documentation</b>			
1. Detailed description for the proposed change.			
2. Change management protocol related to the active substance.			
3. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).			

<b>B.I.e.3 Deletion of an approved change management protocol related to the active substance</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	1	1, 2	IA
<b>Conditions</b>			
1. The deletion of the approved change management protocol related to the active substance is not a result of unexpected events or out of specification results during the implementation of the change (s) described in the protocol and does not have any effect on the already approved information in the dossier.			
<b>Documentation</b>			
1. Justification for the proposed deletion.			
2. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)			

<b>B.I.e.4 Changes to an approved change management protocol</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) Major changes to an approved change management protocol			II
b) Minor changes to an approved change management protocol that do not change the strategy defined in the protocol		1	IB
<b>Documentation</b>			
1. Declaration that any change should be within the range of currently approved limits. In addition, declaration that an assessment of comparability is not required for biological/immunological medicinal products.			

<b>B.I.e.5 Implementation of changes foreseen in an approved change management protocol</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) The implementation of the change requires no further supportive data	1	1, 2, 4	IA
b) The implementation of the change requires further supportive data		1, 2, 3, 4	IB
c) Implementation of a change for a biological/immunological medicinal product		1, 2, 3, 4, 5	IB
<b>Conditions</b>			
1. The proposed change has been performed fully in line with the approved change management protocol.			
<b>Documentation</b>			
1. Reference to the approved change management protocol.			
2. Declaration that the change is in accordance with the approved change management and that the study results meet the acceptance criteria specified in the protocol. In addition, declaration that an assessment of comparability is not required for biological/immunological medicinal products.			
3. Results of the studies performed in accordance with the approved change management protocol.			
4. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).			
5. Copy of approved specifications of the active substance.			

## B.II. FINISHED PRODUCT

### B.II.a) Description and composition

<b>B.II.a.1 Change or addition of imprints, bossing or other markings including replacement, or addition of inks used for product marking.</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Changes in imprints, bossing or other markings</b>	1, 2, 3, 4	1, 2	IA
<b>b) Changes in scoring/break lines intended to divide into equal doses</b>		1, 2, 3	IB
<b>Conditions</b>			
1. Finished product release and end of shelf life specifications have not been changed (except for appearance).			
2. Any ink must comply with the relevant pharmaceutical legislation.			
3. The scoring/break lines are not intended to divide into equal doses.			
4. Any product markings used to differentiate strengths should not be completely deleted.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including a detailed drawing or written description of the current and new appearance, and including revised product information as appropriate.			
2. Samples of the finished product where applicable.			
3. Results of the appropriate Ph. Eur tests demonstrating equivalence in characteristics/correct dosing.			

<b>B.II.a.2 Change in the shape or dimensions of the pharmaceutical form</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Immediate release tablets, capsules, suppositories and pessaries</b>	1, 2, 3, 4	1, 4	IA
<b>b) Gastro-resistant, modified or prolonged release pharmaceutical forms and scored tablets intended to be divided into equal doses</b>		1, 2, 3, 4, 5	IB
<b>c) Addition of a new kit for a radiopharmaceutical preparation with another fill volume</b>			II
<b>Conditions</b>			
1. If appropriate, the dissolution profile of the reformulated product is comparable to the old one. For herbal medicinal products, where dissolution testing may not be feasible, the disintegration time of the new product compared to the old one.			
2. Release and end of shelf-life specifications of the product have not been changed (except for dimensions).			
3. The qualitative or quantitative composition and mean mass remain unchanged.			
4. The change does not relate to a scored tablet that is intended to be divided into equal doses.			

<b>Documentation</b>
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including a detailed drawing of the current and proposed situation, and including revised product information as appropriate.
2. Comparative dissolution data on at least one pilot batch of the current and proposed dimensions (no significant differences regarding comparability see the relevant (Human or Veterinary) guidance on Bioavailability). For herbal medicinal product comparative disintegration data may be acceptable.
3. Justification for not submitting a new bioequivalence study according to the relevant (Human or Veterinary) guidance on Bioavailability.
4. Samples of the finished product where applicable.
5. Results of the appropriate Ph. Eur tests demonstrating equivalence in characteristics/correct dosing.
<i>Note: For B.II.a.2.c Applicants are reminded that any change to the "strength" of the medicinal product requires the submission of an New registration application.</i>

<b>B.II.a.3 Changes in the composition (excipients) of the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Changes in components of the flavouring or colouring system</b>			
<b>1. Addition , deletion or replacement</b>	1, 2, 3, 4, 5, 6, 7, 9, 11	1, 2, 4, 5, 6	IA
<b>2. Increase or reduction</b>	1, 2, 3, 4, 11	1, 2, 4	IA
<b>3. Biological veterinary medicinal products for oral use for which the colouring or flavouring agent is important for the uptake by target animal species</b>			New registration
<b>b) Other excipients</b>			
<b>1. Any minor adjustment of the quantitative composition of the finished product with respect to excipients</b>	1, 2, 4, 8, 9, 10	1, 2, 7	IA
<b>2. Qualitative or quantitative changes in one or more excipients that may have a significant impact on the safety, quality or efficacy of the medicinal product</b>			New registration
<b>3. Change that relates to a biological/immunological product</b>			New registration
<b>4. Any new excipient that includes the use of materials of human or animal origin for which assessment is required of viral safety data or TSE risk</b>			New registration
<b>5. Change that is supported by a bioequivalence study</b>			New registration
<b>6. Replacement of a single excipient with a</b>		1, 3, 4, 5, 6, 7,	IB

comparable excipient with the same functional characteristics and at a similar level		8, 9, 10	
<b>Conditions</b>			
1. No change in functional characteristics of the pharmaceutical form e.g. disintegration time, dissolution profile.			
2. Any minor adjustment to the formulation to maintain the total weight should be made by an excipient which currently makes up a major part of the finished product formulation.			
3. The finished product specification has only been updated in respect of appearance/odour/taste and if relevant, deletion of an identification test.			
4. Stability studies have been started under ICH/VICH conditions (with indication of batch numbers) and relevant stability parameters have been assessed in at least two pilot scale or industrial scale batches and at least three months satisfactory stability data are at the disposal of the applicant (at time of implementation for Type IAs and at time of notification for Type IBs) and that the stability profile is similar to the currently registered situation. Assurance is given that these studies will be finalised and that data will be provided immediately to the competent authorities if outside specifications or potentially outside specification at the end of the approved shelf life (with proposed action). In addition, where relevant, photo-stability testing should be performed.			
5. Any new proposed components must comply with the relevant legislation			
6. Any new component does not include the use of materials of human or animal origin for which assessment is required of viral safety data or compliance with the current <i>Note For Guidance on Minimising the Risk of Transmitting Animal Spongiform Encephalopathy Agents via Human and Veterinary Medicinal Products</i> .			
7. Where applicable, the change does not affect the differentiation between strengths and does not have a negative impact on taste acceptability for paediatric formulations.			
8. The dissolution profile of the new product determined on a minimum of two pilot scale batches is comparable to the old one (no significant differences regarding comparability, see the relevant (Human or Veterinary) guidance on Bioavailability). For herbal medicinal products where dissolution testing may not be feasible, the disintegration time of the new product is comparable to the old one.			
9. The change is not the result of stability issues and/or should not result in potential safety concerns i.e. differentiation between strengths.			
10. The product concerned is not a biological/immunological medicinal product.			
11. For veterinary medicinal products for oral use, the change does not affect the uptake by target animal species.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including identification method for any new colorant, where relevant, and including revised product information as appropriate.			
2. A declaration that the required stability studies have been started under ICH/VICH conditions (with indication of the batch numbers concerned) and that, as relevant, the required minimum satisfactory stability data were at the disposal of the applicant at time of implementation and that the available data did not indicate a problem. Assurance should also be given that the studies will be finalised and that data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action).			
3. The results of stability studies that have been carried out under ICH/VICH conditions, on the			

	relevant stability parameters, on at least two pilot or industrial scale batches, covering a minimum period of 3 months, and an assurance is given that these studies will be finalised, and that data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action).
4.	Sample of the new product, where applicable.
5.	Either a Ph. Eur. Certificate of Suitability for any new component of animal susceptible to TSE risk or where applicable, documentary evidence that the specific source of the TSE risk material has been previously assessed by the competent authority and shown to comply with the scope of the current <i>Note for Guidance on Minimising the Risk of Transmitting Animal Spongiform Encephalopathies via Human and Veterinary Medicinal Products</i> . The following information should be included for each such material: Name of manufacturer, species and tissues from which the material is a derivative, country of origin of the source animals and its use.
6.	Data to demonstrate that the new excipient does not interfere with the finished product specification test methods, if appropriate.
7.	Justification for the change/choice of excipients etc. must be given by appropriate development pharmaceuticals (including stability aspects and antimicrobial preservation where appropriate).
8.	For solid dosage forms, comparative dissolution profile data of at least two pilot scale batches of the finished product in the new and old composition. For herbal medicinal products, comparative disintegration data may be acceptable.
9.	Justification for not submitting a new bioequivalence study according to the current <i>Note for Guidance on The Investigation of Bioavailability and Bioequivalence</i> .
10.	For veterinary medicines intended for use in food producing animal species, proof that the excipient is classified according to legislation or, if not, justification that the excipient does not have pharmacological activity at the dose at which it is administered to the target animal.

<b>B.II.a.4 Change in coating weight of oral dosage forms or change in weight of capsule shells</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Solid oral pharmaceutical forms</b>	1, 2, 3, 4	1, 2	IA
<b>b) Gastro-resistant, modified or prolonged release pharmaceutical forms where the coating is a critical factor for the release mechanism</b>			II
<b>Conditions</b>			
1. The dissolution profile of the new product determined on a minimum of two pilot scale batches is comparable to the old one. For herbal medicinal products where dissolution testing may not be feasible, the disintegration time of the new product is comparable to the old one.			
2. The coating is not a critical factor for the release mechanism.			
3. The finished product specification has only been updated in respect of weight and dimensions, if applicable.			
4. Stability studies in accordance with the relevant guidelines have been started with at least two pilot scale or industrial scale batches and at least three months satisfactory stability data are at the disposal of the applicant at the time of implementation and assurance that these studies will be finalised. Data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action).			

<b>Documentation</b>
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)
2. A declaration that the required stability studies have been started under ICH/VICH conditions (with indication of the batch numbers concerned) and that, as relevant, the required minimum satisfactory stability data were at the disposal of the applicant at time of implementation and that the available data did not indicate a problem. Assurance should also be given that the studies will be finalised and that data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action). In addition, where relevant, photo-stability testing should be performed.

<b>B.II.a.5 Change in concentration of a single-dose, total use parenteral product, where the amount of active substance per unit dose (i.e. the strength) remains the same</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			II

<b>B.II.a.6 Deletion of the solvent / diluent container from the pack</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
		1, 2	IB
<b>Documentation</b>			
1 Justification for the deletion, including a statement regarding alternative means to obtain the solvent / diluent as required for the safe and effective use of the medicinal product.			
2. Revised product information.			

<b>B.II.b.1 Replacement or addition of a manufacturing site for part or all of the manufacturing process of the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Secondary packaging site</b>	1, 2	1,3, 8	New registration
b) <b>Primary packaging site</b>	1, 2, 3, 4, 5	1, 2, 3, 4, 8, 9	New registration
c) <b>Site where any manufacturing operation(s) take place, except batch release, batch control, and secondary packaging, for biological/immunological medicinal products, or for pharmaceutical forms manufactured by complex manufacturing processes</b>			New registration
d) <b>Site which requires an initial or product specific inspection</b>			New registration
e) <b>Site where any manufacturing operation(s) take place, except batch-release, batch control, primary and secondary packaging, for non-sterile medicinal products</b>		1, 2, 3, 4, 5, 6, 7, 8, 9	New registration
f) <b>Site where any manufacturing operation(s) take place, except batch release, batch control, and secondary packaging, for sterile medicinal products (including those that are aseptically manufactured) excluding biological/immunological medicinal products</b>		1, 2, 3, 4, 5, 6, 7, 8	New registration
<b>Conditions</b>			
1. Satisfactory inspection in the last three years by an inspection service of Competent authority.			
2. Site appropriately authorised (to manufacture the pharmaceutical form or product concerned).			
3. Product concerned is not a sterile product.			
4. Where relevant, for instance for suspensions and emulsions, validation scheme is available or validation of the manufacture at the new site has been successfully carried out according to the current protocol with at least three production scale batches.			
5. Product concerned is not a biological/immunological medicinal product.			
<b>Documentation</b>			
<p>1. Proof that the proposed site is appropriately authorised for the pharmaceutical form or product concerned, i.e.:</p> <p>For a manufacturing site within the EU/EEA: a copy of the current manufacturing authorisation and a GMP certificate issued within the last 3 years by the relevant competent authority of one of the Member States of the EU/EEA. A reference to the EudraGMP database will suffice;</p> <p>For a manufacturing site outside the EU/EEA a copy of the current manufacturing authorisation and a GMP certificate issued within the last 3 years by the relevant competent authority. If available, copy of a GMP certificate issued within the last 3 years by a EU/EEA competent authority. A reference to the EudraGMP database will suffice.</p>			

2.	Where relevant, the batch numbers, corresponding batch size and the manufacturing date of batches ( $\geq 3$ ) used in the validation study should be indicated and the validation data presented, or validation protocol (scheme) to be submitted.
3.	The variation dossier (Annex to Module 1, 1.0 Cover letter ) should clearly outline the “present” and “proposed” finished product manufacturers as listed in section 2.5 of the application form.
4.	Copy of approved release and end-of-shelf life specifications if relevant.
5.	Batch analysis data on one production batch and two pilot-scale batches simulating the production process (or two production batches) and comparative data on the last three batches from the previous site; batch data on the next two production batches should be available on request or reported if outside specifications (with proposed action).
6.	For semisolid and liquid formulations in which the active substance is present in non-dissolved form, appropriate validation data including microscopic imaging of particle size distribution and morphology or any other appropriate imaging technique.
7.	<p>i) If the new manufacturing site uses the active substance as a starting material – A declaration by the Qualified Person (QP) at the site responsible for batch release that the active substance is manufactured in accordance with the detailed guidelines on good manufacturing practice for starting materials as adopted by legislation.</p> <p>ii) In addition– A declaration by the Qualified Person (QP) of the new manufacturing site that the active substance used is manufactured in accordance with the detailed guidelines on good manufacturing practice for starting materials as adopted by legislation.</p>
8.	Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)
9.	If the manufacturing site and the primary packaging site are different, conditions of transport and bulk storage should be specified and validated.

## Notes

Registration certificate holders are advised to consult the relevant competent authorities first before making the submission of the notification and to provide information about any previous EU/EEA inspection in the last 2-3 years and/or any planned EU/EEA inspection(s) including inspection dates, product category inspected, Supervisory Authority and other relevant information. This will facilitate the arrangement for a GMP inspection by an inspection service if needed.

### **QP Declarations in relation to active substances**

Manufacturing authorisation holders are obliged to only use as starting materials active substances that have been manufactured in accordance with GMP so a declaration is expected from each of the manufacturing authorisation holders that use the active substance as a starting material. In addition, as the QP responsible for batch certification takes overall responsibility for each batch, a further declaration from the QP responsible for batch certification is expected when the batch release site is a different site from the above.

In many cases only one manufacturing authorisation holder is involved and therefore only one declaration will be required. However, when more than one manufacturing authorisation holder is involved rather than provide multiple declarations it may be acceptable to provide a single declaration signed by one QP. This will be accepted provided that:

The declaration makes it clear that it is signed on behalf of all the involved QPs.

The arrangements are underpinned by a technical agreement as described in Chapter 7 of the GMP Guide and the QP providing the declaration is the one identified in the agreement as taking specific responsibility for the GMP compliance of the active substance manufacturer(s). Note: These arrangements are subject to inspection by the competent authorities.

<b>B.II.b.2 Change to batch release arrangements and quality control testing of the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) Replacement or addition of a site where batch control/testing takes place	2, 3	1, 2, 5	New registration
b) Replacement or addition of a site where batch control/testing takes place for a biological/immunological product and any of the test methods performed at the site is a biological/immunological method			New registration
c) Replacement or addition of a manufacturer responsible for batch release			
1. Not including batch control/testing	2	1, 2, 3, 4, 5	New registration
2. Including batch control/testing	1, 2, 3	1, 2, 3, 4, 5	New registration
3. Including batch control/testing for a biological/immunological product and any of the test methods performed at that site is a biological / immunological / immunochemical method			New registration
<b>Conditions</b>			
1. The site is appropriately authorised.			
2. The product is not a biological/immunological medicinal product.			
3. Method transfer from the old to the new site or new test laboratory has been successfully completed.			
<b>Documentation</b>			
1. For a manufacturing site within the EU/EEA: a copy of the current manufacturing authorisation and a GMP certificate issued within the last 3 years by the relevant competent authority of one of the Member States of the EU/EEA. A reference to the EudraGMP database will suffice;  For a manufacturing site outside the EU/EEA a copy of the current manufacturing authorisation and a GMP certificate issued within the last 3 years by the relevant competent authority. If available, copy of a GMP certificate issued within the last 3 years by a EU/EEA competent authority. A reference to the EudraGMP database will suffice.			
2. The variation dossier (Annex to Module 1, 1.0 Cover letter ) should clearly outline the “present” and “proposed” finished product manufacturers, batch control/testing and batch release sites as listed in section 2.5 of the application form for marketing authorisation.			
3. Contact details of new contact person for product defects and recalls, if applicable.			
4. A declaration by the Qualified Person (QP) responsible for batch certification stating that the active substance manufacturer(s) referred to in the marketing authorisation operate in compliance with the detailed guidelines on good manufacturing practice for starting materials. A single declaration may be acceptable under certain circumstances - see the note under variation no. B.II.b.1.			
5. Amendment of the relevant section(s) of the dossier, (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including revised product information as appropriate.			

<b>B.II.b.3 Change in the manufacturing process of the finished product, including an intermediate used in the manufacture of the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Minor change in the manufacturing process</b>	1, 2, 3, 4, 5, 6, 7	1, 2, 3, 4, 5, 6, 7, 8	IA
b) <b>Substantial changes to a manufacturing process that may have a significant impact on the quality, safety and efficacy of the medicinal product</b>			II
c) <b>The product is a biological/immunological medicinal product and the change requires an assessment of comparability</b>			II
d) <b>Introduction of a non-standard terminal sterilisation method</b>			II
e) <b>Introduction or increase in the overage that is used for the active substance</b>			II
f) <b>Minor change in the manufacturing process of an aqueous oral suspension</b>		1, 2, 4, 6, 7,8	IB
<b>Conditions</b>			
1. No change in qualitative and quantitative impurity profile or in physico-chemical properties.			
2. Either the change relates to an immediate release solid oral dosage form / oral solution and the medicinal product concerned is not a biological /immunological or herbal medicinal product; or the change relates to process parameter(s) that, in the context of a previous assessment, have been considered to have no impact on the quality of the finished product (regardless of the type of product and/or dosage form).			
3. The manufacturing principle including the single manufacturing steps remain the same, e.g. processing intermediates and there are no changes to any manufacturing solvent used in the process.			
4. The currently registered process has to be controlled by relevant in-process controls and no changes (widening or deletion of limits) are required to these controls.			
5. The specifications of the finished product or intermediates are unchanged.			
6. The new process must lead to an identical product regarding all aspects of quality, safety and efficacy.			
7. Relevant stability studies in accordance with the relevant guidelines have been started with at least one pilot scale or industrial scale batch and at least three months stability data are at the disposal of the applicant. Assurance is given that these studies will be finalised and that the data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action).			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including a direct comparison of the present process and the new process.			
2. For semi-solid and liquid products in which the active substance is present in non-dissolved form: appropriate validation of the change including microscopic imaging of particles to check for visible changes in morphology; comparative size distribution data by an appropriate method.			
3. For solid dosage forms: dissolution profile data of one representative production batch and comparative data of the last three batches from the previous process; data on the next two full			

	production batches should be available on request or reported if outside specification (with proposed action). For herbal medicinal products, comparative disintegration data may be acceptable.
4.	Justification for not submitting a new bioequivalence study according to the relevant (Human or Veterinary) guidance on Bioavailability.
5.	For changes to process parameter(s) that have been considered to have no impact on the quality of the finished product, declaration to this effect reached in the context of the previously approved risk assessment.
6.	Copy of approved release and end-of-shelf life specifications.
7.	Batch analysis data (in a comparative tabulated format) on a minimum of one batch manufactured to both the currently approved and the proposed process. Batch data on the next two full production batches should be made available upon request and reported by the registration certificate holder if outside specification (with proposed action).
8.	Declaration that relevant stability studies have been started under ICH/VICH conditions, as appropriate, (with indication of the batch numbers concerned) and relevant stability parameters have been assessed in at least one pilot scale or industrial scale batch and at least three months satisfactory stability data are at the disposal of the applicant at time of notification and that the stability profile is similar to the currently registered situation. Assurance is given that these studies will be finalised and that the data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action).

<b>B.II.b.4 Change in the batch size (including batch size ranges) of the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) Up to 10-fold compared to the originally approved batch size	1, 2, 3, 4, 5, 7	1, 4	IA
b) Downscaling down to 10-fold	1, 2, 3, 4, 5, 6	1, 4	IA
c) The change requires assessment of the comparability of a biological/immunological medicinal product or the change in batch size requires a new bioequivalence study			II
d) The change relates to all other pharmaceutical forms manufactured by complex manufacturing processes			II
e) More than 10-fold increase compared to the originally approved batch size for immediate release (oral) pharmaceutical forms		1, 2, 3, 4, 5, 6	IB
f) The scale for a biological/immunological medicinal product is increased / decreased without process change (e.g. duplication of line)		1, 2, 3, 4, 5, 6	IB
<b>Conditions</b>			
1. The change does not affect reproducibility and/or consistency of the product.			
2. The change relates to conventional immediate release oral pharmaceutical forms or to non-sterile liquid based pharmaceutical forms.			
3. Any changes to the manufacturing method and/or to the in-process controls are only those necessitated by the change in batch-size, e.g. use of different sized equipment.			
4. Validation scheme is available or validation of the manufacture has been successfully carried			

out according to the current protocol with at least three batches at the proposed new batch size in accordance with the relevant guidelines.
5. The product concerned is not a biological/immunological medicinal product.
6. The change should not be the result of unexpected events arising during manufacture or because of stability concerns.
7. The batch size is within the 10-fold range of the batch size foreseen when the marketing authorisation was granted or following a subsequent change not agreed as a Type IA variation.
<b>Documentation</b>
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).
2. Batch analysis data (in a comparative tabulated format) on a minimum of one production batch manufactured to both the currently approved and the proposed sizes. Batch data on the next two full production batches should be made available upon request and reported by the MAH if outside specifications (with proposed action).
3. Copy of approved release and end-of-shelf life specifications.
4. Where relevant the batch numbers, corresponding batch size and the manufacturing date of batches ( $\geq 3$ ) used in the validation study should be indicated or validation protocol (scheme) be submitted.
5. The validation results should be provided
6. The results of stability studies that have been carried out under ICH/VICH conditions, on the relevant stability parameters, on at least one pilot or industrial scale batch, covering a minimum period of 3 months, and an assurance is given that these studies will be finalised, and that data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action). For biologicals/immunologicals: a declaration that an assessment of comparability is not required.

<b>B.II.b.5 Change to in-process tests or limits applied during the manufacture of the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Tightening of in-process limits</b>	1, 2, 3, 4	1, 2	IA
b) <b>Addition of a new test(s) and limits</b>	1, 2, 5, 6	1, 2, 3, 4, 5, 7	IA
c) <b>Deletion of a non-significant in-process test</b>	1, 2, 7	1, 2, 6	IA
d) <b>Deletion of an in-process test which may have a significant effect on the overall quality of the finished product</b>			II
e) <b>Widening of the approved IPC limits, which may have a significant effect on overall quality of the finished product</b>			II
f) <b>Addition or replacement of an in-process test as a result of a safety or quality issue</b>		1, 2, 3, 4, 5, 7	IB
<b>Conditions</b>			
1. The change is not a consequence of any commitment from previous assessments to review specification limits (e.g. made during the procedure for the marketing authorisation application or a type II variation procedure).			

2.	The change does not result from unexpected events arising during manufacture e.g. new unqualified impurity; change in total impurity limits.
3.	Any change should be within the range of currently approved limits.
4.	The test procedure remains the same, or changes in the test procedure are minor.
5.	Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way.
6.	The new test method is not a biological/immunological/immunochemical method or a method using a biological reagent for a biological active substance (does not include standard pharmacopoeial microbiological methods).
7.	The in-process test does not concern the control of a critical parameter. e.g.: assay, impurities (unless a particular solvent is definitely not used in the manufacture) any critical physical characteristics (particle size, bulk, tapped density...) identity test (unless there is a suitable alternative control already present) microbiological control (unless not required for the particular dosage form)
<b>Documentation</b>	
1.	Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).
2.	Comparative table of current and proposed in-process tests and limits.
3.	Details of any new analytical method and validation data, where relevant.
4.	Batch analysis data on two production batches (3 production batches for biologicals, unless otherwise justified) of the finished product for all specification parameters.
5.	Where appropriate, comparative dissolution profile data for the finished product on at least one pilot batch manufactured using the current and new in-process tests. For herbal medicinal products, comparative disintegration data may be acceptable.
6.	Justification/risk assessment showing that the in-process test is non-significant or that it is obsolete.
7.	Justification of the new in-process test and limits.

### B.II.c) Control of excipients

B.II.c.1 Change in the specification parameters and/or limits of an excipient	Conditions to be fulfilled	Documentation to be supplied	Procedure type
a) <b>Tightening of specification limits</b>	1, 2, 3, 4	1, 2	IA
b) <b>Addition of a new specification parameter to the specification with its corresponding test method</b>	1, 2, 5, 6, 7	1, 2, 3, 4, 6, 8	IA
c) <b>Deletion of a non-significant specification parameter (e.g. deletion of an obsolete parameter)</b>	1, 2, 8	1, 2, 7	IA
d) <b>Change outside the approved specifications limits range</b>			II
e) <b>Deletion of a specification parameter which may have a significant effect on the overall quality of the finished product</b>			II
f) <b>Addition or replacement (excluding biological or immunological product) of a specification parameter with its corresponding test method, as a result of a safety or quality issue</b>		1, 2, 3, 4, 5, 6, 8	IB
g) <b>Where there is no monograph in the European Pharmacopoeia or the other acting in RA pharmacopoeia for the excipient, a change in specification from in-house to a non-official Pharmacopoeia or a Pharmacopoeia of a third country</b>		1, 2, 3, 4, 5, 6, 8	IB
<b>Conditions</b>			
1. The change is not a consequence of any commitment from previous assessments to review specification limits (e.g. made during the procedure for the marketing authorisation application or a type II variation procedure).			
2. The change does not result from unexpected events arising during manufacture e.g. new unqualified impurity; change in total impurity limits.			
3. Any change should be within the range of currently approved limits.			
4. The test procedure remains the same, or changes in the test procedure are minor.			
5. Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way.			
6. The test method is not a biological/immunological/immunochemical method, or a method using a biological reagent (does not include standard pharmacopoeial microbiological methods)			
7. The change does not concern a genotoxic impurity.			
8. The specification parameter does not concern the control of a critical parameter. e.g.: impurities (unless a particular solvent is definitely not used in the manufacture of the excipient) any critical physical characteristics (particle size, bulk, tapped density...) identity test (unless there is a suitable alternative control already present) microbiological control (unless not required for the particular dosage form)			

<b>Documentation</b>
1. Amendment of the relevant section(s) of the dossier. (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)
2. Comparative table of current and proposed specifications.
3. Details of any new analytical method and validation data, where relevant.
4. Batch analysis data on two production batches (3 production batches for biological excipients,) of the excipient for all specification parameters.
5. Where appropriate, comparative dissolution profile data for the finished product on at least one pilot batch containing the excipient complying with the current and proposed specification. For herbal medicinal products comparative disintegration data may be acceptable.
6. Justification for not submitting a new bioequivalence study according to the relevant (Human, Veterinary) Guideline on <i>Bioavailability</i> , if appropriate.
7. Justification/risk assessment showing that the parameter is non-significant or that it is obsolete.
8. Justification of the new specification parameter and the limits.

<b>B.II.c.2 Change in test procedure for an excipient</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Minor changes to an approved test procedure</b>	1, 2, 3, 4	1, 2	IA
b) <b>Deletion of a test procedure if an alternative test procedure is already authorised</b>	5	1	IA
c) <b>Substantial change to or replacement of a biological/ immunological/ immunochemical test method or a method using a biological reagent</b>			II
d) <b>Other changes to a test procedure (including replacement or addition)</b>		1, 2	IB

<b>Conditions</b>
1. Appropriate validation studies have been performed in accordance with the relevant guidelines and show that the updated test procedure is at least equivalent to the former test procedure.
2. There have been no changes of the total impurity limits; no new unqualified impurities are detected.
3. The method of analysis should remain the same (e.g. a change in column length or temperature, but not a different type of column or method).
4. The test method is not a biological/immunological/immunochemical method or a method using a biological reagent (does not include standard pharmacopoeial microbiological methods).
5. An alternative test procedure is already authorised for the specification parameter and this procedure has not been added through Type IA variation.
<b>Documentation</b>
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including a description of the analytical methodology, a summary of validation data, revised specifications for impurities (if applicable).
2. Comparative validation results or if justified comparative analysis results showing that the current test and the proposed one are equivalent. This requirement is not applicable in case of an addition of a new test procedure.

<b>B.II.c.3 Change in source of an excipient or reagent with TSE risk</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) From TSE risk material to vegetable or synthetic origin</b>			
<b>1. For excipients or reagents not used in the manufacture of a biological / immunological active substance or in a biological / immunological medicinal product</b>	<b>1</b>	<b>1</b>	<b>IA</b>
<b>2. For excipients or reagents used in the manufacture of a biological / immunological active substance or in a biological / immunological medicinal product</b>		<b>1, 2</b>	<b>IB</b>
<b>b) Change or introduction of a TSE risk material or replacement of a TSE risk material from a different TSE risk material, not covered by a TSE certificate of suitability</b>			<b>II</b>
<b>Conditions</b>			
1. Excipient and finished product release and end of shelf life specifications remain the same.			
<b>Documentation</b>			
1. Declaration from the manufacturer or the registration certificate holder of the material that it is purely of vegetable or synthetic origin.			
2. Study of equivalence of the materials and the impact on production of the final material and impact on behaviour (e.g. Dissolution characteristics) of the finished product.			

<b>B.II.c.4 Change in synthesis or recovery of a non-pharmacopoeial excipient (when described in the dossier) or a novel excipient</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Minor change in synthesis or recovery of a non-pharmacopoeial excipient or a novel excipient</b>	<b>1, 2</b>	<b>1, 2, 3, 4</b>	<b>IA</b>
<b>b) The specifications are affected or there is a change in physico-chemical properties of the excipient which may affect the quality of the finished product.</b>			<b>II</b>
<b>c) The excipient is a biological/immunological substance</b>			<b>II</b>
<b>Conditions</b>			
1. The synthetic route and specifications are identical and there is no change in qualitative and quantitative impurity profile (excluding residual solvents, provided they are controlled in accordance with ICH/VICH limits), or in physico-chemical properties.			
2. Adjuvants are excluded.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).			

2.	Batch analysis data (in a comparative tabulated format) of at least two batches (minimum pilot scale) of the excipient manufactured according to the old and the new process.
3.	Where appropriate, comparative dissolution profile data for the finished product of at least two batches (minimum pilot scale). For herbal medicinal products, comparative disintegration data may be acceptable.
4.	Copy of approved and new (if applicable) specifications of the excipient.

#### B.II.d) Control of finished product

<b>B.II.d.1 Change in the specification parameters and/or limits of the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Tightening of specification limits</b>	1, 2, 3, 4	1, 2	IA
b) <b>Tightening of specification limits for medicinal products subject to Official Control Authority Batch Release</b>	1, 2, 3, 4	1, 2	IA
c) <b>Addition of a new specification parameter to the specification with its corresponding test method</b>	1, 2, 5, 6, 7	1, 2, 3, 4, 5, 7	IA
d) <b>Deletion of a non-significant specification parameter (e.g. deletion of an obsolete parameter such as odour and taste or identification test for a colouring or flavouring material)</b>	1, 2, 9	1, 2, 6	IA
e) <b>Change outside the approved specifications limits range</b>			II
f) <b>Deletion of a specification parameter which may have a significant effect on the overall quality of the finished product</b>			II
g) <b>Addition or replacement (excluding biological or immunological product) of a specification parameter with its corresponding test method as a result of a safety or quality issue</b>		1, 2, 3, 4, 5, 7	IB
h) <b>Update of the dossier to comply with the provisions of an updated general monograph of the Ph. Eur for the finished product*</b>	1, 2, 3, 4, 7, 8	1, 2	IA
i) <b>Ph. Eur. 2.9.40 Uniformity of dosage units is introduced to replace the currently registered method, either Ph. Eur. 2.9.5 (Uniformity of mass), or Ph. Eur. 2.9.6 (Uniformity of content)</b>	1, 2,10	1, 2, 4	IA

#### **Conditions**

1.	The change is not a consequence of any commitment from previous assessments to review specification limits (e.g. made during the procedure for the marketing authorisation application or a type II variation procedure), unless the supporting documentation has been already assessed and approved within another procedure.
2.	The change does not result from unexpected events arising during manufacture e.g. new unqualified impurity; change in total impurity limits.
3.	Any change should be within the range of currently approved limits.
4.	The test procedure remains the same, or changes in the test procedure are minor.

5.	Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way.
6.	The test method is not a biological/immunological/immunochemical method or a method using a biological reagent for a biological active substance.
7.	The change does not concern any impurities (including genotoxic) or dissolution.
8.	The change concerns the updating of the microbial control limits to be in line with the current Pharmacopoeia, and the currently registered microbial control limits (present situation) are in line with the pre January 2008 (non harmonised) situation and does not include any additional specified controls over the Pharmacopoeia requirements for the particular dosage form and the proposed controls are in line with the harmonised monograph.
9.	The specification parameter or proposal for the specific dosage form does not concern a critical parameter for example: assay, impurities (unless a particular solvent is definitely not used in the manufacture of the finished product) any critical physical characteristics (hardness or friability for uncoated tablets, dimensions...) a test that is required for the particular dosage form in accordance with the general notices of the Ph. Eur.; any request for skip testing.
10.	The proposed control is fully in line with the Table 2.9.40.-1 of Ph. Eur. 2.9.40 monograph, and does not include the alternative proposal for testing uniformity of dosage units by Mass Variation instead of Content Uniformity when the latter is specified in Table 2.9.40.-1.
<b>Documentation</b>	
1.	Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)
2.	Comparative table of current and proposed specifications.
3.	Details of any new analytical method and validation data, where relevant.
4.	Batch analysis data on two production batches (3 production batches for biologicals, unless otherwise justified) of the finished product for all specification parameters
5.	Where appropriate, comparative dissolution profile data for the finished product on at least one pilot batch complying with the current and proposed specification. For herbal medicinal products, comparative disintegration data may be acceptable.
6.	Justification/risk assessment showing that the parameter is non-significant or that it is obsolete.
7.	Justification of the new specification parameter and the limits
* Note: There is no need to notify the competent authorities of an updated monograph of the European pharmacopoeia or the other acting in RA pharmacopoeia in the case that reference is made to the 'current edition' in the dossier of an authorised medicinal product. This variation therefore applies to cases where no reference to the updated monograph of the pharmacopoeia was contained in the technical dossier and the variation is made to make reference to the updated version.	

<b>B.II.d.2 Change in test procedure for the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Minor changes to an approved test procedure</b>	1, 2, 3, 4,	1,2	IA
<b>b) Deletion of a test procedure if an alternative method is already authorised</b>	4	1	IA

c) Substantial change to, or replacement of, a biological/ immunological/ immunochemical test method or a method using a biological reagent or replacement of a biological reference preparation not covered by an approved protocol			II
d) Other changes to a test procedure (including replacement or addition)		1, 2	IB
e) Update of the test procedure to comply with the updated general monograph in the Ph. Eur.	2, 3, 4, 5	1	IA
f) To reflect compliance with the Ph.Eur. and remove reference to the outdated internal test method and test method number*	2, 3, 4, 5	1	IA

### Conditions

1. Appropriate validation studies have been performed in accordance with the relevant guidelines and show that the updated test procedure is at least equivalent to the former test procedure.
2. There have been no changes of the total impurity limits; no new unqualified impurities are detected
3. The method of analysis should remain the same (e.g. a change in column length or temperature, but not a different type of column or method);
4. The test method is not a biological/immunological/immunochemical method or a method using a biological reagent (does not include standard pharmacopoeial microbiological methods).
5. The registered test procedure already refers to the general monograph of the Ph. Eur. and any changes are minor in nature and require update of the technical dossier.

### Documentation

1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including a description of the analytical methodology, a summary of validation data, revised specifications for impurities (if applicable).
2. Comparative validation results or if justified comparative analysis results showing that the current test and the proposed one are equivalent.; This requirement is not applicable in case of an addition of a new test procedure.

\* Note: There is no need to notify the competent authorities of an updated monograph of the European pharmacopoeia in the case that reference is made to the 'current edition' in the dossier of an authorised medicinal product.

B.II.d.3 Variations related to the introduction of real-time release or parametric release in the manufacture of the finished product	Conditions to be fulfilled	Documentation to be supplied	Procedure type
			II

## B.II.e) Container closure system

B.II.e.1 Change in immediate packaging of the finished product	Conditions to be fulfilled	Documentation to be supplied	Procedure type
a) <b>Qualitative and quantitative composition</b>			
1. <b>Solid pharmaceutical forms</b>	1, 2, 3	1, 2, 3, 4, 6	IA
2. <b>Semi-solid and non-sterile liquid pharmaceutical forms</b>		1, 2, 3, 5, 6	IB
3. <b>Sterile medicinal products and biological/immunological medicinal products.</b>			II
4. <b>The change relates to a less protective pack where there are associated changes in storage conditions and/or reduction in shelf life.</b>			II
b) <b>Change in type of container or addition of a new container</b>			
1. <b>Solid, semi-solid and non-sterile liquid pharmaceutical forms</b>		1, 2, 3, 5, 6, 7	New registration
2. <b>Sterile medicinal products and biological/immunological medicinal products</b>			New registration
3. <b>Deletion of an immediate packaging container that does not lead to the complete deletion of a strength or pharmaceutical form</b>	4	1, 8	IA
<b>Conditions</b>			
1. The change only concerns the same packaging/container type (e.g. blister to blister).			
2. The proposed packaging material must be at least equivalent to the approved material in respect of its relevant properties.			
3. Relevant stability studies have been started under ICH/VICH conditions and relevant stability parameters have been assessed in at least two pilot scale or industrial scale batches and at least three months satisfactory stability data are at the disposal of the applicant at time of implementation. However, if the proposed packaging is more resistant than the existing packaging e.g. thicker blister packaging, the three months' stability data do not yet have to be available. These studies must be finalised and the data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action).			
4. The remaining product presentation(s) must be adequate for the dosing instructions and treatment duration as mentioned in the summary of product characteristics.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including revised product information as appropriate.			
2. Appropriate data on the new packaging (comparative data on permeability e.g. for O <sub>2</sub> , CO <sub>2</sub> moisture).			
3. Where appropriate, proof must be provided that no interaction between the content and the packaging material occurs (e.g. no migration of components of the proposed material into the content and no loss of components of the product into the pack), including confirmation that the			

material complies with relevant pharmacopoeial requirements or legislation on plastic material and objects in contact with foodstuffs.
4. A declaration that the required stability studies have been started under ICH/VICH conditions (with indication of the batch numbers concerned) and that, as relevant, the required minimum satisfactory stability data were at the disposal of the applicant at time of implementation and that the available data did not indicate a problem. Assurance should also be given that the studies will be finalised and that data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action).
5. The results of stability studies that have been carried out under ICH/VICH conditions, on the relevant stability parameters, on at least two pilot or industrial scale batches, covering a minimum period of 3 months, and an assurance is given that these studies will be finalised, and that data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action).
6. Comparative table of the current and proposed immediate packaging specifications, if applicable.
7. Samples of the new container/closure where applicable.
8. Declaration that the remaining pack-size(s) is/are consistent with the dosage regimen and duration of treatment and adequate for the dosing instructions as approved in the summary of product characteristics.
Note: For B.II.e.1.b) applicants are reminded that any change which results in a “new pharmaceutical form” requires the submission of an New registration application.

<b>B.II.e.2 Change in the specification parameters and/or limits of the immediate packaging of the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Tightening of specification limits</b>	1, 2, 3, 4	1, 2	IA
<b>b) Addition of a new specification parameter to the specification with its corresponding test method</b>	1, 2, 5	1, 2, 3, 4, 6	IA
<b>c) Deletion of a non-significant specification parameter (e.g. deletion of an obsolete parameter)</b>	1, 2	1, 2, 5	IA
<b>d) Addition or replacement of a specification parameter as a result of a safety or quality issue</b>		1, 2, 3, 4, 6	IB
<b>Conditions</b>			
1. The change is not a consequence of any commitment from previous assessments to review specification limits (e.g. made during the procedure for the marketing authorisation application or a type II variation procedure).			
2. The change does not result from unexpected events arising during manufacture			
3. Any change should be within the range of currently approved limits.			
4. The test procedure remains the same, or changes in the test procedure are minor.			
5. Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).			
2. Comparative table of current and proposed specifications.			

3.	Details of any new analytical method and validation data, where relevant.
4.	Batch analysis data on two batches of the immediate packaging for all specification parameters.
5.	Justification/risk assessment showing that the parameter is non-significant or that it is obsolete.
6.	Justification of the new specification parameter and the limits.

<b>B.II.e.3 Change in test procedure for the immediate packaging of the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Minor changes to an approved test procedure</b>	1, 2, 3	1, 2	IA
b) <b>Other changes to a test procedure (including replacement or addition)</b>	1, 3, 4	1, 2	IA
c) <b>Deletion of a test procedure if an alternative test procedure is already authorised</b>	5	1	IA
<b>Conditions</b>			
1. Appropriate validation studies have been performed in accordance with the relevant guidelines and validation studies show that the updated test procedure is at least equivalent to the former test procedure.			
2. The method of analysis should remain the same (e.g. a change in column length or temperature, but not a different type of column or method).			
3. Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way.			
4. The active substance/ finished product is not biological/immunological.			
5. An alternative test procedure is already authorised for the specification parameter and this procedure has not been added through Type IA variation.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including a description of the analytical methodology, a summary of validation data.			
2. Comparative validation results or if justified comparative analysis results showing that the current test and the proposed one are equivalent. This requirement is not applicable in case of an addition of a new test procedure.			

<b>B.II.e.4 Change in shape or dimensions of the container or closure (immediate packaging)</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Non-sterile medicinal products</b>	1, 2, 3	1, 2, 4	IA
b) <b>The change in shape or dimensions concerns a fundamental part of the packaging material, which may have a significant impact on the delivery, use, safety or stability of the finished product</b>			II
c) <b>Sterile medicinal products</b>		1, 2, 3, 4	IB
<b>Conditions</b>			
1. No change in the qualitative or quantitative composition of the container.			

2.	The change does not concern a fundamental part of the packaging material, which affects the delivery, use, safety or stability of the finished product.
3.	In case of a change in the headspace or a change in the surface/volume ratio, stability studies in accordance with the relevant guidelines have been started and relevant stability parameters have been assessed in at least two pilot scale (three for biological/immunological medicinal products) or industrial scale batches and at least three months (six months for biological/immunological medicinal products) stability data are at the disposal of the applicant. Assurance is given that these studies will be finalised and that data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action).
<b>Documentation</b>	
1.	Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including description, detailed drawing and composition of the container or closure material, and including revised product information as appropriate.
2.	Samples of the new container/closure where applicable.
3.	Re-validation studies have been performed in case of sterile products terminally sterilised. The batch numbers of the batches used in the re-validation studies should be indicated, where applicable.
4.	In case of a change in the headspace or a change in the surface/volume ratio, a declaration that the required stability studies have been started under ICH/VICH conditions (with indication of the batch numbers concerned) and that, as relevant, the required minimum satisfactory stability data were at the disposal of the applicant at time of implementation for a Type IA notification and time of submission of a Type IB notification, and that the available data did not indicate a problem. Assurance should also be given that the studies will be finalised and that data will be provided immediately to the competent authorities if outside specifications or potentially outside specifications at the end of the approved shelf life (with proposed action).

<b>B.II.e.5 Change in pack size of the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Change in the number of units (e.g. tablets, ampoules, etc.) in a pack</b>			
<b>1. Change within the range of the currently approved pack sizes</b>	1, 2	1, 3	IA
<b>2. Change outside the range of the currently approved pack sizes</b>		1, 2, 3	IB
<b>b) Deletion of pack size(s)</b>	3	1, 2	IA
<b>c) Change in the fill weight/fill volume of sterile multidose (or single-dose, partial use) parenteral medicinal products, including biological/immunological medicinal products.</b>			II
<b>d) Change in the fill weight/fill volume of non-parenteral multi-dose (or single-dose, partial use) products</b>		1, 2, 3	IB
<b>Conditions</b>			
1. New pack size should be consistent with the posology and treatment duration as approved in the Summary of Product Characteristics.			

2. The primary packaging material remains the same.
3. The remaining product presentation(s) must be adequate for the dosing instructions and treatment duration as mentioned in the Summary of Product Characteristics.
<b>Documentation</b>
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including revised product information as appropriate.
2. Justification for the new/remaining pack-size, showing that the new/remaining size is/are consistent with the dosage regimen and duration of treatment as approved in the summary of product characteristics
3. Declaration that stability studies will be conducted in accordance with the relevant guidelines for products where stability parameters could be affected. Data to be reported only if outside specifications (with proposed action).
Note: For B.II.e.5.c) and d), applicants are reminded that any changes to the ‘strength’ of the medicinal product require the submission of an Extension application.

<b>B.II.e.6 Change in any part of the (primary) packaging material not in contact with the finished product formulation (such as colour of flip-off caps, colour code rings on ampoules, change of needle shield (different plastic used))</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Change that affects the product information</b>	1	1	IA
<b>b) Change that does not affect the product information</b>	1	1	IA
<b>Conditions</b>			
1. The change does not concern a part of the packaging material, which affects the delivery, use, safety or stability of the finished product.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including revised product information as appropriate.			

<b>B.II.e.7 Change in supplier of packaging components or devices (when mentioned in the dossier)</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Deletion of a supplier</b>	<b>1</b>	<b>1</b>	<b>IA</b>
<b>b) Replacement or addition of a supplier</b>	<b>1, 2, 3, 4</b>	<b>1, 2, 3</b>	<b>IA</b>
<b>c) Any change to suppliers of spacer devices for metered dose inhalers</b>			<b>II</b>
<b>Conditions</b>			
1. No deletion of packaging component or device.			
2. The qualitative and quantitative composition of the packaging components/device and design specifications remain the same.			
3. The specifications and quality control method are at least equivalent.			
4. The sterilisation method and conditions remain the same, if applicable.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)			
2. For devices for medicinal products for human use, proof of special marking (e.g. CE marking).			
3. Comparative table of current and proposed specifications, if applicable.			

## B.II.f) Stability

B.II.f.1 Change in the shelf-life or storage conditions of the finished product	Conditions to be fulfilled	Documentation to be supplied	Procedure type
<b>a) Reduction of the shelf life of the finished product</b>			
1. As packaged for sale	1	1, 2, 3	IA
2. After first opening	1	1, 2, 3	IA
3. After dilution or reconstitution	1	1, 2, 3	IA
<b>b) Extension of the shelf life of the finished product</b>			
1. As packaged for sale (supported by real time data)		1, 2, 3	IB
2. After first opening (supported by real time data)		1, 2, 3	IB
3. After dilution or reconstitution (supported by real time data)		1, 2, 3	IB
4. Extension of the shelf-life based on extrapolation of stability data not in accordance with ICH/VICH guidelines*			II
5. Extension of the shelf-life of a biological/immunological medicinal product in accordance with an approved stability protocol.		1, 2, 3	IB
<b>c) Change in storage conditions for biological medicinal products, when the stability studies have not been performed in accordance with an approved stability protocol</b>			II
<b>d) Change in storage conditions of the finished product or the diluted/reconstituted product</b>		1, 2, 3	IB
<b>e) Change to an approved stability protocol</b>	1, 2	1, 4	IA
<b>Conditions</b>			
1. The change should not be the result of unexpected events arising during manufacture or because of stability concerns.			
2. The change does not concern a widening of the acceptance criteria in the parameters tested, a removal of stability indicating parameters or a reduction in the frequency of testing.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate). This must contain results of appropriate real time stability studies (covering the entire shelf life) conducted in accordance with the relevant stability guidelines on at least two pilot scale batches <sup>1</sup> of the finished product in the authorised packaging material and/or after first opening or reconstitution, as appropriate; where applicable, results of appropriate microbiological testing should be included.  <sup>1</sup> Pilot scale batches can be accepted with a commitment to verify the shelf life on production scale batches.			
2. Revised product information			
3. Copy of approved end of shelf life finished product specification and where applicable,			

specifications after dilution/reconstitution or first opening.

4. Justification for the proposed change(s).

**\*Note: extrapolation not applicable for biological/immunological medicinal product**

### B.II.g) Design Space and post approval change management protocol

<b>B.II.g.1 Introduction of a new design space or extension of an approved design space for the finished product, concerning:</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) One or more unit operations in the manufacturing process of the finished product including the resulting in-process controls and/or test procedures		1, 2, 3	II
b) Test procedures for excipients / intermediates and/or the finished product.		1, 2, 3	II
<b>Documentation</b>			
1. Results from product and process development studies (including risk assessment and multivariate studies, as appropriate) demonstrating that a systematic mechanistic understanding of material attributes and process parameters to the critical quality attributes of the finished product has been achieved.			
2. Description of the design space in tabular format, including the variables (material attributes and process parameters, as appropriate) and their proposed ranges.			
3. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).			

<b>B.II.g.2 Introduction of a post approval change management protocol related to the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
		1, 2, 3	II
<b>Documentation</b>			
1. Detailed description for the proposed change.			
2. Change management protocol related to the finished product.			
3. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)			

<b>B.II.g.3 Deletion of an approved change management protocol related to the finished product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	1	1, 2	IA
<b>Conditions</b>			
1. The deletion of the approved change management protocol related to the finish product is not a result of unexpected events or out of specification results during the implementation of the change (s) described in the protocol and does not have any effect on the already approved information in the dossier.			
<b>Documentation</b>			
1. Justification for the proposed deletion.			
2. Amendment of the relevant section(s) of the dossier(presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)			

<b>B.II.g.4 Changes to an approved change management protocol</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Major changes to an approved change management protocol</b>			<b>II</b>
b) <b>Minor changes to an approved change management protocol that do not change the strategy defined in the protocol</b>		<b>1</b>	<b>IB</b>
<b>Documentation</b>			
1. Declaration that any change should be within the range of currently approved limits. In addition, declaration that an assessment of comparability is not required for biological/immunological medicinal products.			

<b>B.II.g.5 Implementation of changes foreseen in an approved change management protocol</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>The implementation of the change requires no further supportive data</b>	<b>1</b>	<b>1, 2, 4</b>	<b>IA</b>
b) <b>The implementation of the change requires further supportive data</b>		<b>1, 2, 3, 4</b>	<b>IB</b>
c) <b>Implementation of a change for a biological/immunological medicinal product</b>		<b>1, 2, 3, 4, 5</b>	<b>IB</b>
<b>Conditions</b>			
1. The proposed change has been performed fully in line with the approved change management protocol, which requires its immediate notification following implementation.			
<b>Documentation</b>			
1. Reference to the approved change management protocol.			
2. Declaration that the change is in accordance with the approved change management and that the study results meet the acceptance criteria specified in the protocol. In addition, declaration that an assessment of comparability is not required for biological/immunological medicinal products.			
3. Results of the studies performed in accordance with the approved change management protocol.			
4. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)			
5. Copy of approved specifications of the finished product.			

#### **B.II.h Adventitious Agents Safety**

<b>B.II.h.1 Update to the “Adventitious Agents Safety Evaluation” information (section 3.2.A.2)</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Studies related to manufacturing steps investigated for the first time for one or more adventitious agents</b>			<b>II</b>

<b>b) Replacement of obsolete studies related to manufacturing steps and adventitious agents already reported in the dossier</b>			
<b>1) with modification of risk assessment</b>			<b>II</b>
<b>2) without modification of risk assessment</b>		<b>1, 2, 3</b>	<b>IB</b>
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossiers (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate) including the introduction of the new studies to investigate the capability of manufacturing steps to inactivate/reduce adventitious agents.			
2. Justification that the studies do not modify the risk assessment.			
3. Amendment of product information (where applicable).			

### B.III CEP/TSE/MONOGRAPHS

<b>B.III.1 Submission of a new or updated Ph. Eur. certificate of suitability or deletion of Ph. Eur. certificate of suitability:</b>  <b>For an active substance</b>  <b>For a starting material/reagent/intermediate used in the manufacturing process of the active substance</b>  <b>For an excipient</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) European Pharmacopoeial Certificate of Suitability to the relevant Ph. Eur. Monograph.</b>			
<b>1.</b> New certificate from an already approved manufacturer	<b>1, 2, 3, 4, 5, 8, 11</b>	<b>1, 2, 3, 4, 5</b>	<b>IA</b>
<b>2.</b> Updated certificate from an already approved manufacturer	<b>1, 2, 3, 4, 8</b>	<b>1, 2, 3, 4, 5</b>	<b>IA</b>
<b>3.</b> New certificate from a new manufacturer (replacement or addition)	<b>1, 2, 3, 4, 5, 8, 11</b>	<b>1, 2, 3, 4, 5</b>	<b>IA</b>
<b>4.</b> Deletion of certificates (in case multiple certificates exist per material)	<b>10</b>	<b>3</b>	<b>IA</b>
<b>5.</b> New certificate for a non-sterile active substance that is to be used in a sterile medicinal product, where water is used in the last steps of the synthesis and the material is not claimed to be endotoxin free		<b>1, 2, 3, 4, 5, 6</b>	<b>IB</b>
<b>b) European Pharmacopoeial TSE Certificate of suitability for an active substance/starting material/reagent/ intermediate/or excipient</b>			
<b>1.</b> New certificate for an active substance from a new or an already approved manufacturer	<b>3, 5, 6, 11</b>	<b>1, 2, 3, 4, 5</b>	<b>IA</b>
<b>2.</b> New certificate for a starting material/reagent/intermediate/or excipient from a new or an already approved manufacturer	<b>3, 6, 9</b>	<b>1, 2, 3, 4, 5</b>	<b>IA</b>
<b>3.</b> Updated certificate from an already approved manufacturer	<b>7, 9</b>	<b>1, 2, 3, 4, 5</b>	<b>IA</b>
<b>4.</b> Deletion of certificates (in case multiple certificates exist per material)	<b>10</b>	<b>3</b>	<b>IA</b>
<b>5. New/updated certificate from an already-approved/new manufacturer using materials of human or animal origin for which an assessment of the risk with respect to potential contamination with adventitious agents is required</b>			<b>II</b>
<b>Conditions</b>			
<b>1.</b> The finished product release and end of shelf life specifications remain the same.			

2.	Unchanged (excluding tightening) additional (to Ph. Eur.) specifications for impurities (excluding residual solvents, provided they are in compliance with ICH/VICH) and product specific requirements (e.g. particle size profiles, polymorphic form), if applicable.
3.	The manufacturing process of the active substance, starting material/reagent/intermediate does not include the use of materials of human or animal origin for which an assessment of viral safety data is required.
4.	For active substance only, it will be tested immediately prior to use if no retest period is included in the Ph. Eur. Certificate of Suitability or if data to support a retest period is not already provided in the dossier.
5.	The active substance/starting material/reagent/intermediate/excipient is not sterile.
6.	The substance is not included in a veterinary medicinal product for use in animal species susceptible to TSE
7.	For veterinary medicinal products: there has been no change in the source of material.
8.	For herbal active substances: the manufacturing route, physical form, extraction solvent and drug extract ratio (DER) should remain the same.
9.	If Gelatine manufactured from bones is to be used in a medicinal product for parenteral use, it should <b>only</b> be manufactured in compliance with the relevant country requirements.
10.	At least one manufacturer for the same substance remains in the dossier.
11.	If the active substance is a not a sterile substance but is to be used in a sterile medicinal product then according to the CEP it must not use water during the last steps of the synthesis or if it does the active substance must also be claimed to be free from bacterial endotoxins.
<b>Documentation</b>	
1.	Copy of the current (updated) Ph. Eur. Certificate of Suitability.
2.	In case of an addition of a manufacturing site, the variation dossier (Annex to Module 1, 1.0 Cover letter ) should clearly outline the “present” and “proposed” manufacturers as listed in section 2.5 of the application form.
3.	Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).
4.	Where applicable, a document providing information of any materials falling within the scope of the <a href="#"><i>Note for Guidance on Minimising the Risk of Transmitting Animal Spongiform Encephalopathy Agents via Human and Veterinary Medicinal Products</i></a> including those which are used in the manufacture of the active substance/ excipient. The following information should be included for each such material: Name of manufacturer, species and tissues from which the material is a derivative, country of origin of the source animals and its use.
5.	Where applicable, for active substance, a declaration by the Qualified Person (QP) of each of the manufacturing authorisation holders listed in the application where the active substance is used as a starting material and a declaration by the QP of each of the manufacturing authorisation holders listed in the application as responsible for batch release. These declarations should state that the active substance manufacturer(s) referred to in the application operate in compliance with the detailed guidelines on good manufacturing practice for starting materials. A single declaration may be acceptable under certain circumstances - see the note under variation no. B.II.b.1. The manufacture of intermediates also require a QP declaration, while as far as any updates to certificates for active substances and intermediates are concerned, a QP declaration is only required if, compared to the previously registered version of the certificate, there is a change to the actual listed manufacturing sites.
6.	Suitable evidence to confirm compliance of the water used in the final steps of the synthesis of the active substance with the corresponding requirements on quality of water for pharmaceutical use.

B.III.2 Change to comply with Ph. Eur. or with the other acting in RA pharmacopoeia	Conditions to be fulfilled	Documentation to be supplied	Procedure type
a) <b>Change of specification(s) of a former non EU Pharmacopoeial substance to fully comply with the Ph. Eur. or with the other acting in RA pharmacopoeia</b>			
1. <b>Active substance</b>	1, 2, 3, 4, 5	1, 2, 3, 4	IA
2. <b>Excipient/active substance starting material</b>	1, 2,4	1, 2, 3, 4	IA
b) <b>Change to comply with an update of the relevant monograph of the Ph. Eur. or the other acting in RA pharmacopoeia</b>	1, 2, 4, 5	1, 2, 3, 4	IA
c) <b>Change in specifications from the other acting in RA pharmacopoeia to the Ph. Eur.</b>	1, 4, 5	1, 2, 3, 4	IA
<b>Conditions</b>			
1.	The change is made exclusively to fully comply with the pharmacopoeia. All the tests in the specification need to correspond to the pharmacopoeial standard after the change, except any additional supplementary tests.		
2.	Additional specifications to the pharmacopoeia for product specific properties are unchanged (e.g. particle size profiles, polymorphic form or e.g. bioassays, aggregates).		
3.	No significant changes in qualitative and quantitative impurities profile unless the specifications are tightened		
4.	Additional validation of a new or changed pharmacopoeial method is not required		
5.	For herbal active substances: the manufacturing route, physical form, extraction solvent and drug extract ratio (DER) should remain the same.		
<b>Documentation</b>			
1.	Amendment of the relevant section(s) of the dossier. (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate)		
2.	Comparative table of current and proposed specifications.		
3.	Batch analysis data (in a comparative tabulated format) on two production batches of the relevant substance for all tests in the new specification and additionally, where appropriate, comparative dissolution profile data for the finished product on at least one pilot batch.. For herbal medicinal products, comparative disintegration data may be acceptable.		
4.	Data to demonstrate the suitability of the monograph to control the substance, e.g. a comparison of the potential impurities with the transparency note of the monograph.		
Note: There is no need to notify the competent authorities of an updated monograph of the European pharmacopoeia or the other acting in RA pharmacopoeia in the case that reference is made to the 'current edition' in the dossier of an authorised medicinal product.			

## B.IV Medical Devices

B.IV.1 Change of a measuring or administration device	Conditions to be fulfilled	Documentation to be supplied	Procedure type
a) <b>Addition or replacement of a device which is not an integrated part of the primary packaging</b>			
1. <b>Device with special marking (e.g. CE marking)</b>	1, 2, 3, 6, 7	1, 2, 4	IA
2. <b>Device without special marking (e.g. CE marking) for veterinary products only</b>		1, 3, 4	IB
3. <b>Spacer device for metered dose inhalers or other device which may have a significant impact on the delivery of the active substance in the product (e.g. nebuliser)</b>			New registration
b) <b>Deletion of a device</b>	4, 5	1, 5	IA
c) <b>Addition or replacement of a device which is an integrated part of the primary packaging</b>			New registration
<b>Conditions</b>			
1. The proposed measuring or administration device must accurately deliver the required dose for the product concerned in line with the approved posology and results of such studies should be available.			
2. The new device is compatible with the medicinal product.			
3. The change should not lead to substantial amendments of the product information.			
4. The medicinal product can still be accurately delivered.			
5. For veterinary medicinal products, the device is not crucial for the safety of the person administering the product.			
6. The medical device is not used as a solvent of the medicinal product.			
7. If a measuring function is intended the special marking (e.g. CE marking) should cover the measuring function.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier, (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate), including description, detailed drawing and composition of the device material and supplier where appropriate, and including revised product information as appropriate.			
2. Proof of special marking (e.g. CE marking) and if a measuring function is intended the proof of special marking (e.g. CE marking) should also include the 4 digit notified body number.			
3. Data to demonstrate accuracy, precision and compatibility of the device.			
4. Samples of the new device where applicable.			
5. Justification for the deletion of the device.			
Note: For B.IV.1.c), applicants are reminded that any change which results in a “new pharmaceutical form” requires the submission of an New registration application.			

<b>B.IV.2 Change in specification parameters and/or limits of a measuring or administration device for veterinary medicinal products</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Tightening of specification limits</b>	1, 2, 3, 4	1, 2	IA
b) <b>Addition of a new specification parameter to the specification with its corresponding test method</b>	1, 2, 5	1, 2, 3, 4, 6	IA
c) <b>Widening of the approved specifications limits, which has a significant effect on the overall quality of the device</b>			II
d) <b>Deletion of a specification parameter that has a significant effect on the overall quality of the device</b>			II
e) <b>Addition of a specification parameter as a result of a safety or quality issue</b>		1, 2, 3, 4, 6	IB
f) <b>Deletion of a non-significant specification parameter (e.g. deletion of an obsolete parameter)</b>	1, 2	1, 2, 5	IA
<b>Conditions</b>			
1. The change is not a consequence of any commitment from previous assessments to review specification limits (e.g. made during the procedure for the marketing authorisation application or a type II variation procedure) unless the supporting documentation has been already assessed and approved within another procedure.			
2. The change should not be the result of unexpected events arising during manufacture.			
3. Any change should be within the range of currently approved limits.			
4. The test procedure remains the same			
5. Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).			
2. Comparative table of current and proposed specifications.			
3. Details of any new analytical method and summary of validation data.			
4. Batch analysis data on two production batches for all tests in the new specification.			
5. Justification/risk assessment showing that the parameter is non-significant based or that it is obsolete.			
6. Justification for the new specification parameter and the limits			

<b>B.IV.3 Change in test procedure of a measuring or administration device for veterinary medicinal products</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Minor change to an approved test procedure</b>	1, 2	1, 2	IA
b) <b>Other changes to a test procedure (including replacement or addition)</b>	1, 3	1, 2	IA

c) <b>Deletion of a test procedure if an alternative test procedure is already authorised</b>	4	1	IA
<b>Conditions</b>			
1. Appropriate validation studies have been performed in accordance with the relevant guidelines and show that the updated test procedure is at least equivalent to the former test procedure.			
2. The method of analysis should remain the same.			
3. Any new test method does not concern a novel non-standard technique or a standard technique used in a novel way			
4. An alternative test procedure is already authorised for the specification parameter and this procedure has not been added through IA/IA(IN) notification.			
<b>Documentation</b>			
1. Amendment of the relevant section(s) of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate, including a description of the analytical methodology and a summary of validation data.			
2. Comparative validation results or if justified comparative analysis results showing that the current test and the proposed one are equivalent. This requirement is not applicable in case of an addition of a new test procedure.			

## B.V. Changes to a marketing authorisation resulting from other regulatory procedures

### B.V.a) PMF/VAMF

<b>B.V.a.1 Inclusion of a new, updated or amended Plasma Master File in the marketing authorisation dossier of a medicinal product. (PMF 2<sup>nd</sup> step procedure)</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>First-time inclusion of a new Plasma Master File affecting the properties of the finished product</b>			<b>New registration</b>
b) <b>First-time inclusion of a new Plasma Master File not affecting the properties of the finished product</b>		1, 2, 3, 4	<b>IB</b>
c) <b>Inclusion of an updated/amended Plasma Master File when changes affect the properties of the finished product</b>		1, 2, 3, 4	<b>IB</b>
d) <b>Inclusion of an updated/amended Plasma Master File when changes do not affect the properties of the finished product</b>	1	1, 2, 3, 4	<b>IA</b>
<b>Conditions</b>			
1. The updated or amended Plasma Master File has been granted a certificate of compliance with legislation			
<b>Documentation</b>			
1. Declaration that the PMF Certificate and Evaluation Report are fully applicable for the authorised product, PMF holder has provided the PMF Certificate, Evaluation report and PMF dossier to the MAH (where the MAH is different to the PMF holder), the PMF Certificate and Evaluation Report replace the previous PMF documentation for this Marketing Authorisation.			
2. PMF Certificate and Evaluation Report.			
3. An expert statement outlining all the changes introduced with the certified PMF and evaluating their potential impact on the finished products including product specific risk assessments.			
4. The Annex to the cover letter of the variation application should clearly outline the “present” and “proposed” PMF EMA Certificate (code number) in the MA dossier. When applicable, all the other PMFs to which the medicinal product refers even if they are not the subject of the application should also be clearly listed in Cover Letter.			

<b>B.V.a.2 Inclusion of a new, updated or amended Vaccine Antigen Master File in the marketing authorisation dossier of a medicinal product. (VAMF 2<sup>nd</sup> step procedure)</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>First-time inclusion of a new Vaccine Antigen Master File</b>			<b>New registration</b>
b) <b>Inclusion of an updated/amended Vaccine Antigen Master File, when changes affect the properties of the finished product</b>		<b>1, 2, 3, 4</b>	<b>IB</b>
c) <b>Inclusion of an updated/amended Vaccine Antigen Master File, when changes do not affect the properties of the finished product</b>	<b>1</b>	<b>1, 2, 3, 4</b>	<b>IA</b>
<b>Conditions</b>			
1. The updated or amended Vaccine Antigen Master File has been granted a certificate of compliance with legislation			
<b>Documentation</b>			
1. Declaration that the VAMF Certificate and Evaluation Report are fully applicable for the authorised product, VAMF holder has submitted the VAMF Certificate, Evaluation report and VAMF dossier to the MAH (where the MAH is different to the VAMF holder), the VAMF Certificate and Evaluation Report replace the previous VAMF documentation for this Marketing Authorisation.			
2. VAMF Certificate and Evaluation Report.			
3. An expert statement outlining all the changes introduced with the certified VAMF and evaluating their potential impact on the finished products including product specific risk assessments.			
4. The Annex to the cover letter of the variation application should clearly outline the “present” and “proposed” VAMF EMA Certificate (code number) in the MA dossier. When applicable, all the other VAMFs to which the medicinal product refers even if they are not the subject of the application should also be clearly listed in Cover letter.			

## B.V.b) Referral

<b>B.V.b.1 Update of the quality dossier intended to implement the outcome of a EU referral procedure</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>The change implements the outcome of the referral</b>	1	1, 2	IA
b) <b>The harmonisation of the quality dossier was not part of the referral and the update is intended to harmonise it</b>			II
<b>Conditions</b>			
1. The outcome does not require further assessment.			
<b>Documentation</b>			
1. Attached to the cover letter of the variation application: A reference to the Commission Decision concerned.			
2. The changes introduced during the referral procedure should be clearly highlighted in the submission.			

**C. SAFETY, EFFICACY, PHARMACOVIGILANCE CHANGES**

**C.I HUMAN AND VETERINARY MEDICINAL PRODUCTS**

<b>C.I.1 Change(s) in the Summary of Product Characteristics, Labelling or Package Leaflet intended to implement the outcome of a EU referral procedure</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>The medicinal product is covered by the defined scope of the procedure</b>	1	1, 2, 3	IA
b) <b>The medicinal product is not covered by the defined scope of the procedure but the change(s) implements the outcome of the procedure and no new additional data is required to be submitted by the MAH</b>		1, 2, 3	IB
c) <b>The medicinal product is not covered by the defined scope of the procedure but the change(s) implements the outcome of the procedure with new additional data submitted by the MAH</b>		1, 3	II
<b>Conditions</b>			
1. The variation implements the wording requested by the authority and it does not require the submission of additional information and/or further assessment.			
<b>Documentation</b>			
1. Attached to the cover letter of the variation application: a reference to the Commission Decision concerned or to the agreement reached by the CMDh (as applicable) with the annexed Summary of Product Characteristics, Labelling or Package Leaflet.			
2. A declaration that the proposed Summary of Product Characteristics, Labelling and Package Leaflet is identical for the concerned sections to that annexed to the Commission Decision or to the agreement reached by the CMDh (as applicable).			
3. Revised product information.			

<b>C.I.2 Change(s) in the Summary of Product Characteristics, Labelling or Package Leaflet of a generic/hybrid/biosimilar medicinal products following assessment of the same change for the reference product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Implementation of change(s) for which no new additional data is required to be submitted by the MAH</b>		1, 2	IB
b) <b>Implementation of change(s) which require to be further substantiated by new additional data to be submitted by the MAH (e.g. comparability)</b>			II
<b>Documentation</b>			
1. Attached to the cover letter of the variation application: EMA/NCA request, if applicable.			
2. Revised product information.			

<b>C.I.3 Change(s) in the Summary of Product Characteristics, Labelling or Package Leaflet of human medicinal products intended to implement the outcome of a procedure concerning PSUR or PASS, or the outcome of the assessment done by the competent authority</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Implementation of wording agreed by the competent authority</b>	<b>1</b>	<b>1, 2</b>	<b>IA</b>
<b>b) Implementation of change(s) which require to be further substantiated by new additional data to be submitted by the MAH</b>		<b>2</b>	<b>II</b>
<b>Conditions</b>			
1. The variation implements the wording requested by the competent authority and it does not require the submission of additional information and/or further assessment.			
<b>Documentation</b>			
1. Attached to the cover letter of the variation application: reference to the agreement/assessment of the competent authority.			
2. Revised product information.			

<b>C.I.4 Change(s) in the Summary of Product Characteristics, Labelling or Package Leaflet due to new quality, preclinical, clinical or pharmacovigilance data.</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			<b>II</b>
Note: This variation does not apply when the new data has been submitted under variation C.I.13. In such cases, the change(s) in the SmPC, labelling and/or package leaflet is covered by the scope of variation C.I.13.			

<b>C.I.5 Change in the legal status of a medicinal product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) For generic/hybrid/biosimilar medicinal products following an approved legal status change of the reference medicinal product</b>		<b>1, 2</b>	<b>IB</b>
<b>b) All other legal status changes</b>			<b>II</b>
<b>Documentation</b>			
1. Attached to the cover letter of the variation application: proof of authorisation of the legal status change (e.g. reference to the Commission Decision concerned).			
2. Revised product information.			
Note: For Nationally Authorised Products approved via MRP/DCP, the change of the legal status is to be handled at national level (not via a MRP variation).			

<b>C.I.6 Change(s) to therapeutic indication(s)</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Addition of a new therapeutic indication or modification of an approved one</b>			<b>II</b>
<b>b) Deletion of a therapeutic indication</b>			<b>IB</b>
Note: Where the change takes place in the context of the implementation of the outcome of a referral procedure, or -for a generic/hybrid/biosimilar product- when the same change has been done for the reference product, variations C.I.1 and C.I.2 apply, respectively.			

<b>C.I.7 Deletion of:</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) a pharmaceutical form</b>			<b>Not applicable</b>
<b>b) a strength</b>			<b>Not applicable</b>
<b>Documentation</b>			
1. Declaration that the remaining product presentation(s) are adequate for the dosing instructions and treatment duration as mentioned in the summary of product characteristics.			
2. Revised product information			
Note: In cases where a given pharmaceutical form or strength has received a marketing authorization which is separate to the marketing authorization for other pharmaceutical forms or strengths, the deletion of the former will not be a variation but the withdrawal of the marketing authorization.			

<b>C.I.8 Introduction of, or changes to, a summary of pharmacovigilance system for medicinal products for human use*</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Introduction of a summary of pharmacovigilance system, changes in QPPV (including contact details) and/or changes in the Pharmacovigilance System Master File (PSMF) location</b>		<b>1, 2</b>	<b>IA</b>
<b>Documentation</b>			
1. Summary of the pharmacovigilance system, or update of the relevant elements (as applicable):			
<ul style="list-style-type: none"> <li>• Proof that the applicant has at his disposal a qualified person responsible for pharmacovigilance and a statement signed by the applicant to the effect that the applicant has the necessary means to fulfil the tasks and responsibilities</li> <li>• Contact details of the QPPV</li> <li>• PSMF location</li> </ul>			

2. PSMF number (if available)

Note: This variation covers the introduction of a PSMF irrespective of whether or not the technical dossier of the MA contained a DDPS.

\* For introduction of a new pharmacovigilance system for veterinary medicinal products, please refer to C.II.7.

<b>C.I.9 Change(s) to an existing pharmacovigilance system as described in the detailed description of the pharmacovigilance system (DDPS).</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Change in the QPPV and/or QPPV contact details and/or back-up procedure</b>	<b>1</b>	<b>1</b>	<b>IA</b>
<b>b) Change(s) in the safety database and/or major contractual arrangements for the fulfilment of pharmacovigilance obligations, and/or change of the site undergoing pharmacovigilance activities</b>	<b>1, 2, 3</b>	<b>1</b>	<b>IA</b>
<b>c) Other change(s) to the DDPS that does not impact on the operation of the pharmacovigilance system (e.g. change of the major storage/archiving location, administrative changes)</b>	<b>1</b>	<b>1</b>	<b>IA</b>
<b>d) Change(s) to a DDPS following the assessment of the same DDPS in relation to another medicinal product of the same MAH</b>	<b>4</b>	<b>1, 2</b>	<b>IA</b>

#### **Conditions**

1. The pharmacovigilance system itself remains unchanged.
2. The database system has been validated (when applicable).
3. Transfer of data from other database systems has been validated (when applicable).
4. The same changes to the DDPS are introduced for all medicinal products of the same MAH (same final DDPS version)

#### **Documentation**

1. Latest version of the DDPS and, where applicable, latest version of the product specific addendum. These should include for changes to the QPPV a) summary CV of the new QPPV, b) proof of QPPV EudraVigilance registration, and c) a new statement of the MAH and the QPPV regarding their availability and the means for notification of adverse reactions signed by the new QPPV and the MAH, and reflecting any other consequential changes, e.g. to the organisation chart.

When the QPPV and /or QPPV contact details are not included in a DDPS or no DDPS exists, the submission of a revised DDPS version is not required and the application form is to be provided.

2. Reference of the application/procedure and product in which the change(s) were accepted.

Note: C.I.9 covers changes to an existing pharmacovigilance system 1) for veterinary medicinal products and 2) for human medicinal products that have not yet introduced a PSMF.

Note for d): The assessment of a DDPS submitted as part of a new MAA/Extension/Variation may give rise to changes at the request of the national competent authority/EMA in this DDPS. Where this occurs, the same change(s) can be introduced to the DDPS in other marketing authorisations of the same MAH by submitting a (grouped) Type IA variation.

<b>C.I.10 Change in the frequency and/or date of submission of periodic safety update reports (PSUR) for human medicinal products</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	1	1, 2	IA
<b>Conditions</b>			
1. The change in the frequency and/or date of submission of the PSUR has been agreed by the CHMP/CMDh/NCA			
<b>Documentation</b>			
1. Attached to the cover letter of the variation application: A reference to the agreement of the competent authority (in the case of marketing authorisations granted under the simplified procedure.			
2. Revised frequency and/or date of submission of the PSUR. (For medicinal products authorised via the simplified procedure, the full set of annexes, including the revised Annex II should be provided)			
Note: This variation applies only when the PSUR cycle is specified in the marketing authorisation by other means than a reference to the list of EU reference dates and where PSUR submission is required.			

<b>C.I.11 Introduction of, or change(s) to, the obligations and conditions of a marketing authorisation, including the risk management plan</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Implementation of wording agreed by the competent authority</b>	1	1, 2	IA
b) <b>Implementation of change(s) which require to be further substantiated by new additional data to be submitted by the MAH where significant assessment by the competent authority is required*</b>			II
<b>Conditions</b>			
1. The variation implements the action requested by the authority and it does not require the submission of additional information and/or further assessment.			
<b>Documentation</b>			
1. Attached to the cover letter of the variation application: A reference to the relevant decision of the competent authority.			
2. Update of the relevant section of the dossier (presented in the CTD format or NTA volume 6B format for veterinary products, as appropriate).			
Note: This variation covers the situation where the only change introduced concerns the conditions and/or obligations of the marketing authorisation, including the risk management plan and the conditions and/or obligations of marketing authorisations under exceptional circumstances and conditional marketing authorisation.			
*The introduction of a risk management plan requested by the competent authority always requires significant assessment.			

<b>C.I.12 Inclusion or deletion of black symbol and explanatory statements for medicinal products in the list of medicinal products that are subject to additional monitoring</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	<b>1</b>	<b>1, 2</b>	<b>IA</b>
<b>Conditions</b>			
1. The medicinal product is included or removed from the list of medicinal products that are subject to additional monitoring (as applicable)			
<b>Documentation</b>			
1. Attached to the cover letter of the variation application: A reference to the list of medicinal products that are subject to additional monitoring			
2. Revised product information			
Note: This variation covers the situation where the inclusion or deletion of the black symbol and explanatory statements is not done as part of another regulatory procedure (e.g. renewal or variation procedure affecting the product information).			

<b>C.I.13 Other variations not specifically covered elsewhere in this Annex which involve the submission of studies to the competent authority*</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			<b>II</b>
Note: In cases where the assessment by the competent authority of the data submitted leads to a change of the Summary of Product Characteristics, Labelling or Package Leaflet, the relevant amendment to the Summary of Product Characteristics, Labelling or Package Leaflet is covered by the variation.			
* This variation does not apply to variations that can be considered as Type IB by default under any other section of this Annex.			

## **C.II VETERINARY MEDICINAL PRODUCT – SPECIFIC CHANGES**

<b>C.II.1 Variations concerning a change to or addition of a non-food producing target species.</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			<b>New registration</b>

<b>C.II.2 Deletion of a food producing or non-food producing target species.</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) Deletion as a result of a safety issue</b>			<b>II</b>
<b>b) Deletion not resulting from a safety issue</b>		<b>1, 2</b>	<b>IB</b>
<b>Documentation</b>			
1. Justification for the deletion of the target species			
2. Revised product information			

<b>C.II.3 Changes to the withdrawal period for a veterinary medicinal product</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			New registration

<b>C.II.4 Variations concerning the replacement or addition of a serotype, strain, antigen or combination of serotypes, strains or antigens for a veterinary vaccine against avian influenza, foot-and-mouth disease or bluetongue.</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			New registration

<b>C.II.5 Variations concerning the replacement of a strain for a veterinary vaccine against equine influenza.</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			II

<b>C.II.6 Changes to the labelling or the package leaflet which are not connected with the summary of product characteristics.</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Administrative information concerning the holder's representative</b>		1	IA
b) <b>Other changes</b>		1	IB
<b>Documentation</b>			
1. Revised product information.			

<b>C.II.7 Introduction of a new Pharmacovigilance system</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) <b>Which has not been assessed by the relevant national competent authority/EMA for another product of the same MAH</b>			II
b) <b>Which has been assessed by the relevant national competent authority/EMA for another product of the same MAH(*)</b>		1, 2	IB
<b>Documentation</b>			
1. The new Detailed Description of the Pharmacovigilance System (DDPS)			
2. Reference to the application/procedure and product in which the DDPS was assessed previously			
(*) Note: This variation covers the situation where the applicability of an already assessed Pharmacovigilance System will have to be assessed for the new MAs concerned (e.g. at time of transfer of MA)			

<b>C.II.8 Change in the frequency and/or date of submission of periodic safety update reports (PSUR)</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	<b>1</b>	<b>1</b>	<b>IA</b>
<b>Conditions</b>			
1. The change in the frequency and/or date of submission of the PSUR has been agreed by the competent authority			
<b>Documentation</b>			
1. Attached to the cover letter of the variation application: The relevant decision of the competent authority			

**D. PMF / VAMF**

<b>D.1 Change in the name and/or address of the VAMF certificate holder</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	<b>1</b>	<b>1</b>	<b>IA</b>
<b>Conditions</b>			
1. The VAMF certificate holder must remain the same legal entity.			
<b>Documentation</b>			
1. A formal document from a relevant official body in which the new name or new address is mentioned.			

<b>D.2 Change in the name and/or address of the PMF certificate holder</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	<b>1</b>	<b>1</b>	<b>IA</b>
<b>Conditions</b>			
1. The PMF certificate holder must remain the same legal entity.			
<b>Documentation</b>			
1. A formal document from a relevant official body in which the new name or new address is mentioned.			

<b>D.3 Change or transfer of the current PMF certificate holder to a new PMF certificate holder -i.e. different legal entity-</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
		<b>1, 2, 3, 4, 5, 6</b>	<b>IA</b>
<b>Documentation</b>			
1. A document including the identification (name and address) of the current PMF Holder (transferor) and the identification (name and address) of the person to whom the transfer is to be granted (transferee) together with the proposed implementation date – signed by both companies.			
2. Copy of the latest PMF Certificate page ‘EMA Plasma Master File (PMF) Certificate of compliance with Community legislation’.			
3. Proof of establishment of the new holder (Excerpt of the commercial register and the English translation of it) - signed by both companies.			
4. Confirmation of the transfer of the complete PMF documentation since the initial PMF certification to the transferee - signed by both companies.			
5. Letter of Authorisation including contact details of the person responsible for communication between the competent authority and the PMF holder - signed by the transferee.			
6. Letter of Undertaking to fulfil all open and remaining commitments (if any) - signed by the transferee.			

<b>D.4 Change in the name and/or address of a blood establishment including blood/plasma collection centres</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	1, 2	1, 2, 3	IA
<b>Conditions</b>			
1. The blood establishment must remain the same legal entity.			
2. The change must be administrative (e.g. merger, take over); change in the name of the blood establishment/ collection centre provided the blood establishment must remain the same.			
<b>Documentation</b>			
1. Signed declaration that the change does not involve a change of the quality system within the blood establishment.			
2. Signed declaration that there is no change in the list of the collection centres.			
3. Updated relevant sections and annexes of the PMF dossier.			

<b>D.5 Replacement or addition of a blood/plasma collection centre within a blood establishment already included in the PMF</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
		1, 2, 3	IB
<b>Documentation</b>			
1. Epidemiological data for viral markers related to the blood/plasma collection centre covering the last 3 years. For newly opened centre(s) or in case no data are yet available, a declaration that epidemiological data will be provided at the time of the next annual update(s).			
2. Statement that the centre is working under the same conditions as the other centres belonging to the blood establishment, as specified in the standard contract between blood establishment and PMF holder.			
3. Updated relevant sections and annexes of the PMF dossier.			

<b>D.6 Deletion or change of status (operational/non-operational) of establishment(s)/centre(s) used for blood/plasma collection or in the testing of donations and plasma pools</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	1, 2	1	IA
<b>Conditions</b>			
1. The reason for deletion or change of status should not be related to a GMP issue.			
2. The establishments(s)/centre(s) should comply with the legislation in terms of inspections in case of change of status from non-operational to operational.			
<b>Documentation</b>			
1. Updated relevant sections and annexes of the PMF dossier.			

<b>D.7 Addition of a new blood establishment for the collection of blood/plasma not included in the PMF</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			<b>II</b>

<b>D.8 Replacement or addition of a blood centre for testing of donations and/or plasma pools within an establishment already included in the PMF</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
		<b>1, 2</b>	<b>IB</b>
<b>Documentation</b>			
1. Statement that the testing is performed following the same SOPs and/or test methods as already accepted.			
2. Updated relevant sections and annexes of the PMF dossier.			

<b>D.9 Addition of a new blood establishment for testing of donations and/or plasma pool not included in the PMF</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			<b>II</b>

<b>D.10 Replacement or addition of a new blood establishment or centre(s) in which storage of plasma is carried out</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
		<b>1, 2</b>	<b>IB</b>
<b>Documentation</b>			
1. Statement that the storage centre is working following the same SOPs as the already accepted establishment.			
2. Updated relevant sections and annexes of the PMF dossier.			

<b>D.11 Deletion of a blood establishment or centre(s) in which storage of plasma is carried out</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	<b>1</b>	<b>1</b>	<b>IA</b>
<b>Conditions</b>			
1. The reason for deletion should not be related to a GMP issues.			
<b>Documentation</b>			
1. Updated relevant sections and annexes of the PMF dossier.			

<b>D.12 Replacement or addition of an organisation involved in the transport of plasma.</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
		1	IB
<b>Documentation</b>			
1. Updated relevant sections and annexes of the PMF dossier, including a list of all the blood establishments using this transport organisation, a summary of the system in place to ensure that the transport is performed under appropriate conditions (time, temperature and GMP compliance) and confirmation that transport conditions are validated.			

<b>D.13 Deletion of an organisation involved in the transport of plasma</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	1	1	IA
<b>Conditions</b>			
1. The reason for deletion should not be related to GMP issues.			
<b>Documentation</b>			
1. Updated relevant sections and annexes of the PMF dossier.			

<b>D.14 Addition of a CE-marked test kit to test individual donations as a new test kit or as a replacement of an existing test kit</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	1	1, 2	IA
<b>Conditions</b>			
1. The new test kit is CE-marked.			
<b>Documentation</b>			
1. List of testing site(s) where the kit is used.			
2. Updated relevant sections and annexes of the PMF dossier, including updated information on testing as requested in the "Guideline on the scientific data requirements for a PMF".			

<b>D.15 Addition of a non-CE marked test kit to test individual donations as a new test kit or as a replacement of an existing test kit</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
a) The new test kit has not previously been approved in the PMF for any blood centre for testing of donations			II
b) The new test kit has been approved in the PMF for other blood centre(s) for testing of donations		1, 2	IA

<b>Documentation</b>	
1.	List of testing centre(s) where the kit is currently used and a list of testing centre(s) where the kit will be used.
2.	Updated relevant sections and annexes of the PMF dossier, including updated information on testing as requested in the "Guideline on the scientific data requirements for a PMF".

<b>D.16 Change of kit/method used to test pools (antibody or antigen or NAT test).</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			<b>II</b>

<b>D.17 Introduction or extension of inventory hold procedure.</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
	<b>1</b>	<b>1</b>	<b>IA</b>

<b>Conditions</b>			
1.	The inventory hold procedure is a more stringent procedure (e.g. release only after retesting of donors).		
<b>Documentation</b>			
1.	Updated relevant sections of the PMF dossier, including the rationale for introduction or extension of inventory hold period, the sites where the inventory hold takes place and for changes to procedure, a decision tree including new conditions.		

<b>D.18 Removal of inventory hold period or reduction in its length.</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
		<b>1</b>	<b>IB</b>

<b>Documentation</b>			
1.	Updated relevant sections of the PMF dossier		

<b>D.19 Replacement or addition of blood containers (e.g. bags, bottles)</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) The new blood containers are CE-marked</b>	<b>1, 2</b>	<b>1</b>	<b>IA</b>
<b>b) The new blood containers are not CE-marked</b>			<b>II</b>

<b>Conditions</b>			
1.	The container is CE-marked.		
2.	The quality criteria of the blood in the container remain unchanged.		
<b>Documentation</b>			
1.	Updated relevant sections and annexes of the PMF dossier, including the name of container, manufacturer, anticoagulant solution specification, confirmation of CE-mark and the name of the blood establishments where the container is used.		

<b>D.20 Change in storage / transport</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
<b>a) storage and/or transport conditions</b>	<b>1</b>	<b>1</b>	<b>IA</b>
<b>b) maximum storage time for the plasma</b>	<b>1, 2</b>	<b>1</b>	<b>IA</b>
<b>Conditions</b>			
1. The change should tighten the conditions and be in compliance with Ph. Eur. requirements for Human Plasma for Fractionation.			
2. The maximum storage time is shorter than previously.			
<b>Documentation</b>			
1. Updated relevant sections and annexes of the PMF dossier, including detailed description of the new conditions, confirmation of validation of storage/transport conditions and the name of the blood establishment(s) where the change takes place (if relevant).			

<b>D.21 Introduction of test for viral markers when this introduction will have significant impact on the viral risk assessment.</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			<b>II</b>

<b>D.22 Change in the plasma pool preparation (e.g. manufacturing method, pool size, storage of plasma pool samples)</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
		<b>1</b>	<b>IB</b>
<b>Documentation</b>			
1. Updated relevant sections of the PMF dossier.			

<b>D.23 Change in the steps that would be taken if it is found retrospectively that donation(s) should have been excluded from processing (“look-back” procedure).</b>	<b>Conditions to be fulfilled</b>	<b>Documentation to be supplied</b>	<b>Procedure type</b>
			<b>II</b>