



NeoRecormon

Procedural steps taken and scientific information after the authorisation

| Application number | Scope | Opinion/ Notification ¹ issued on | Commission Decision Issued ² / amended on | Product Information affected ³ | Summary |
|--------------------|---|--|--|---|---------|
| N/0104 | Minor change in labelling or package leaflet not connected with the SPC (Art. 61.3 Notification) | 16/07/2019 | | Labelling | |
| IG/1070 | B.III.2.b - Change to comply with Ph. Eur. or with a national pharmacopoeia of a Member State - Change to comply with an update of the relevant monograph of the Ph. Eur. or national pharmacopoeia of a Member State | 04/03/2019 | n/a | | |

¹ Notifications are issued for type I variations and Article 61(3) notifications (unless part of a group including a type II variation or extension application or a worksharing application). Opinions are issued for all other procedures.

² A Commission decision (CD) is issued for procedures that affect the terms of the marketing authorisation (e.g. summary of product characteristics, annex II, labelling, package leaflet). The CD is issued within two months of the opinion for variations falling under the scope of Article 23.1a(a) of Regulation (EU) No. 712/2012, or within one year for other procedures.

³ SmPC (Summary of Product Characteristics), Annex II, Labelling, PL (Package Leaflet).



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| IG/1049/G | <p>This was an application for a group of variations.</p> <p>B.I.a.2.z - Changes in the manufacturing process of the AS - Other variation</p> <p>B.I.b.1.c - Change in the specification parameters and/or limits of an AS, starting material/intermediate/reagent - Addition of a new specification parameter to the specification with its corresponding test method</p> <p>B.III.2.b - Change to comply with Ph. Eur. or with a national pharmacopoeia of a Member State - Change to comply with an update of the relevant monograph of the Ph. Eur. or national pharmacopoeia of a Member State</p> | 17/01/2019 | n/a | | |
| IG/0997/G | <p>This was an application for a group of variations.</p> <p>B.I.a.4.a - Change to in-process tests or limits applied during the manufacture of the AS - Tightening of in-process limits</p> <p>B.I.a.4.b - Change to in-process tests or limits applied during the manufacture of the AS - Addition of a new in-process test and limits</p> <p>B.I.b.2.a - Change in test procedure for AS or starting material/reagent/intermediate - Minor changes to an approved test procedure</p> | 22/11/2018 | n/a | | |
| WS/1481 | <p>This was an application for a variation following a worksharing procedure according to Article 20 of Commission Regulation (EC) No 1234/2008.</p> <p>B.I.a.2.a - Changes in the manufacturing process of</p> | 22/11/2018 | n/a | | |

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| | the AS - Minor change in the manufacturing process of the AS | | | | |
| N/0099 | Minor change in labelling or package leaflet not connected with the SPC (Art. 61.3 Notification) | 09/08/2018 | | PL | |
| T/0098 | Transfer of Marketing Authorisation | 20/02/2018 | 15/03/2018 | SmPC, Labelling and PL | |
| IAIN/0097 | C.I.z - Changes (Safety/Efficacy) of Human and Veterinary Medicinal Products - Other variation | 24/11/2017 | 15/03/2018 | SmPC, Annex II, Labelling and PL | |
| IB/0095 | B.II.e.6.a - Change in any part of the (primary) packaging material not in contact with the finished product formulation - Change that affects the product information | 06/11/2017 | 15/03/2018 | SmPC, Labelling and PL | |
| PSUSA/1239/201702 | Periodic Safety Update EU Single assessment - epoetin beta | 28/09/2017 | n/a | | PRAC Recommendation - maintenance |
| IB/0093/G | This was an application for a group of variations. A.7 - Administrative change - Deletion of manufacturing sites B.II.b.2.a - Change to importer, batch release arrangements and quality control testing of the FP - Replacement/addition of a site where batch control/testing takes place B.II.b.2.a - Change to importer, batch release arrangements and quality control testing of the FP - Replacement/addition of a site where batch | 01/03/2017 | n/a | | |

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| | control/testing takes place | | | | |
| IG/0736 | B.II.b.5.a - Change to in-process tests or limits applied during the manufacture of the finished product - Tightening of in-process limits | 19/10/2016 | n/a | | |
| N/0091 | Update of Annex IIIA to add the 2D barcode unique identifier according to QRD template vs 10. Minor change in labelling or package leaflet not connected with the SPC (Art. 61.3 Notification) | 18/08/2016 | 15/03/2018 | Labelling | |
| II/0090/G | This was an application for a group of variations. B.II.b.1.c - Replacement or addition of a manufacturing site for the FP - Site where any manufacturing operation(s) take place, except batch release/control, and secondary packaging, for biol/immunol medicinal products or pharmaceutical forms manufactured by complex manufacturing processes B.II.b.3.a - Change in the manufacturing process of the finished or intermediate product - Minor change in the manufacturing process B.II.b.4.b - Change in the batch size (including batch size ranges) of the finished product - Downscaling down to 10-fold | 01/04/2016 | n/a | | |
| IB/0089 | B.II.b.3.a - Change in the manufacturing process of the finished or intermediate product - Minor change in the manufacturing process | 16/10/2015 | n/a | | |

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| IB/0087 | C.1.3.a - Change(s) in the SPC, Labelling or PL intended to implement the outcome of a procedure concerning PSUR or PASS or the outcome of the assessment done under A 45/46 - Implementation of wording agreed by the competent authority | 24/07/2015 | 15/07/2016 | SmPC and PL | |
| II/0083 | Update of sections 4.2 and 4.4 of the SmPC, upon request by PRAC following the assessment of PSU 047, MEA 052 and MEA 052.1, with further information regarding the potential risk of retinopathy of prematurity (RoP) with early epoetin use in prematurity. The Package Leaflet was proposed to be updated accordingly. Further, the annexes have been aligned with the latest QRD template (version 9). C.1.3.b - Change(s) in the SPC, Labelling or PL intended to implement the outcome of a procedure concerning PSUR or PASS or the outcome of the assessment done under A 45/46 - Change(s) with new additional data submitted by the MAH | 23/07/2015 | 15/07/2016 | SmPC, Annex II, Labelling and PL | In preterm infants a potential risk of erythropoietin to cause retinopathy cannot be excluded, therefore caution should be exercised and the decision to treat a preterm infant should be balanced against the potential benefit and risk of this treatment and available alternative options. Prevention of anaemia of prematurity: The solution is administered subcutaneously at a dose of 3 x 250 IU/kg b.w. per week. Premature infants who have already been transfused by the start of treatment with NeoRecormon are not likely to benefit as much as untransfused infants. The treatment should last for 6 weeks. |
| IG/0573 | C.1.8.a - Introduction of or changes to a summary of Pharmacovigilance system - Changes in QPPV (including contact details) and/or changes in the PSMF location | 01/07/2015 | n/a | | |
| IG/0497 | C.1.8.a - Introduction of or changes to a summary of Pharmacovigilance system - Changes in QPPV (including contact details) and/or changes in the PSMF location | 18/11/2014 | n/a | | |

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| PSUV/0084 | Periodic Safety Update | 11/09/2014 | n/a | | PRAC Recommendation - maintenance |
| IB/0085/G | <p>This was an application for a group of variations.</p> <p>B.I.a.4.c - Change to in-process tests or limits applied during the manufacture of the AS - Deletion of a non-significant in-process test</p> <p>B.I.a.4.b - Change to in-process tests or limits applied during the manufacture of the AS - Addition of a new in-process test and limits</p> <p>B.I.a.4.b - Change to in-process tests or limits applied during the manufacture of the AS - Addition of a new in-process test and limits</p> <p>B.I.a.4.a - Change to in-process tests or limits applied during the manufacture of the AS - Tightening of in-process limits</p> <p>B.I.c.2.a - Change in the specification parameters and/or limits of the immediate packaging of the AS - Tightening of specification limits</p> | 12/06/2014 | n/a | | |
| IA/0082/G | <p>This was an application for a group of variations.</p> <p>A.7 - Administrative change - Deletion of manufacturing sites</p> <p>A.7 - Administrative change - Deletion of manufacturing sites</p> | 13/12/2013 | n/a | | |
| N/0081 | Minor change in labelling or package leaflet not connected with the SPC (Art. 61.3 Notification) | 29/10/2013 | 15/07/2016 | PL | |
| IG/0228 | C.I.z - Changes (Safety/Efficacy) of Human and Veterinary Medicinal Products - Other variation | 23/11/2012 | n/a | | |

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| IB/0079/G | <p>This was an application for a group of variations.</p> <p>B.II.b.2.a - Change to batch release arrangements and quality control testing of the FP - Replacement or addition of a site where batch control/testing takes place</p> <p>A.5.b - Administrative change - Change in the name and/or address of a manufacturer of the finished product, including quality control sites (excluding manufacturer for batch release)</p> | 15/11/2012 | n/a | | |
| II/0075/G | <p>This was an application for a group of variations.</p> <p>to introduce changes to the test procedures and specifications for the active substance.</p> <p>B.I.b.2.d - Change in test procedure for AS or starting material/reagent/intermediate - Change (replacement) to a biological/immunological/ immunochemical test method or a method using a biological reagent for a biological AS</p> <p>B.I.b.1.d - Change in the specification parameters and/or limits of an AS, starting material/intermediate/reagent - Deletion of a non-significant specification parameter (e.g. deletion of an obsolete parameter)</p> <p>B.I.b.1.d - Change in the specification parameters and/or limits of an AS, starting material/intermediate/reagent - Deletion of a non-significant specification parameter (e.g. deletion of an obsolete parameter)</p> | 15/11/2012 | n/a | | |

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| | <p>B.I.b.1.d - Change in the specification parameters and/or limits of an AS, starting material/intermediate/reagent - Deletion of a non-significant specification parameter (e.g. deletion of an obsolete parameter)</p> <p>B.I.b.2.e - Change in test procedure for AS or starting material/reagent/intermediate - Other changes to a test procedure (including replacement or addition) for the AS or a starting material/intermediate</p> <p>B.I.b.2.e - Change in test procedure for AS or starting material/reagent/intermediate - Other changes to a test procedure (including replacement or addition) for the AS or a starting material/intermediate</p> <p>B.I.b.2.e - Change in test procedure for AS or starting material/reagent/intermediate - Other changes to a test procedure (including replacement or addition) for the AS or a starting material/intermediate</p> <p>B.I.b.2.a - Change in test procedure for AS or starting material/reagent/intermediate - Minor changes to an approved test procedure</p> | | | | |
| II/0076 | <p>To register an existing manufacturer for the production of 2 dosage strengths of the finished product.</p> <p>B.II.b.1.c - Replacement or addition of a manufacturing site for the FP - Site where any manufacturing operation(s) take place, except batch release, batch control, and secondary packaging, for biological/immunological medicinal products.</p> | 18/10/2012 | 18/10/2012 | | |

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| WS/0299 | <p>This was an application for a variation following a worksharing procedure according to Article 20 of Commission Regulation (EC) No 1234/2008.</p> <p>minor changes to the manufacturing process of the active substance.</p> <p>B.I.a.2.a - Changes in the manufacturing process of the AS - Minor change in the manufacturing process of the AS</p> | 20/09/2012 | n/a | | |
| N/0073 | <p>Update in the phone number of the local representative for France and Latvia in the package leaflet.</p> <p>Minor change in labelling or package leaflet not connected with the SPC (Art. 61.3 Notification)</p> | 25/04/2012 | 15/07/2016 | PL | |
| IG/0161 | <p>C.I.9.i - Changes to an existing pharmacovigilance system as described in the DDPS - Change(s) to a DDPS following the assessment of the same DDPS in relation to another medicinal product of the same MAH</p> | 14/03/2012 | n/a | | |
| IA/0072/G | <p>This was an application for a group of variations.</p> <p>C.I.9.b - Changes to an existing pharmacovigilance system as described in the DDPS - Change in the contact details of the QPPV</p> <p>C.I.9.d - Changes to an existing pharmacovigilance system as described in the DDPS - Change in the safety database</p> | 25/10/2011 | n/a | | |

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| IA/0071 | B.II.b.2.b.1 - Change to batch release arrangements and quality control testing of the FP - Not including batch control/testing | 08/09/2011 | n/a | Annex II and PL | |
| IG/0092/G | This was an application for a group of variations. C.I.9.a - Changes to an existing pharmacovigilance system as described in the DDPS - Change in the QPPV C.I.9.h - Changes to an existing pharmacovigilance system as described in the DDPS - Other change(s) to the DDPS that does not impact on the operation of the pharmacovigilance system | 08/08/2011 | n/a | | |
| IB/0070/G | This was an application for a group of variations. B.II.d.2.d - Change in test procedure for the finished product - Other changes to a test procedure (including replacement or addition) B.II.d.1.z - Change in the specification parameters and/or limits of the finished product - Other variation | 28/07/2011 | n/a | | |
| IB/0069 | Due to very low use of patients the MAH decided to proactively deregister presentations and strengths (100,000 IU vials, 1000 IU pre-filled syringes, 10K, 20K, 60K Recopen cartridges). C.I.7.b - Deletion of - a strength | 30/05/2011 | n/a | SmPC, Labelling and PL | |
| IB/0067/G | This was an application for a group of variations. C.I.3.a - Implementation of change(s) requested following the assessment of an USR, class labelling, a | 11/03/2011 | n/a | SmPC, Annex II and PL | Following the safety review of Erythropoiesis-stimulating agents (ESAs) and CHMP communication dated 21st December 2009, the MAH wishes to update the SmPC accordingly. |

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| | PSUR, RMP, FUM/SO, data submitted under A 45/46, or amendments to reflect a Core SPC - Changes with NO new additional data are submitted by the MAH C.1.3.a - Implementation of change(s) requested following the assessment of an USR, class labelling, a PSUR, RMP, FUM/SO, data submitted under A 45/46, or amendments to reflect a Core SPC - Changes with NO new additional data are submitted by the MAH | | | | In addition, the MAH wishes to update the SmPC following the TREAT study which indicates that epoietins are not beneficial in diabetic patients with chronic renal disease suffering from moderate anaemia. Furthermore, the MAH wishes to delete the DDPS version number as per October procedural announcement. |
| II/0066 | Roche - Update of the detailed description of the pharmacovigilance system (version 4.1). Annex II has been updated accordingly. In addition, Annex II has been updated in line with the latest QRD templates. Update of DDPS (Pharmacovigilance) | 18/03/2010 | 29/04/2010 | Annex II | With this variation the MAH submitted a new version of the DDPS (core version 4.1) in accordance with the current Pharmacovigilance guideline. After assessing the documentation the CHMP concluded that the submitted DDPS contained all required elements. Consequently, Annex II has been updated with the new version number of the agreed core DDPS. In addition, Annex II has been updated in line with the latest QRD templates. |
| II/0065 | To implement changes to the analytical methods and release specifications. Quality changes | 21/01/2010 | 04/02/2010 | | |
| II/0064 | To implement changes to the cultivation process for the drug substance and related changes. Quality changes | 21/01/2010 | 04/02/2010 | | |
| II/0063 | This variation concerns an update of the summary of product characteristics (SPC) following the completion of a class safety review by the PhVWP and the CHMP. As a result, CHMP requested to update section 4.4 of | 17/12/2009 | 20/01/2010 | SmPC | As a result of the discussion of the updated risk management plans (RMPs) and the results of the Cochrane meta-analysis it was agreed at the PhVWP/CHMP meeting in September 2009 that all MAHs for epoietins should submit a type II |

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| | <p>the SPC to include more information on pure red cell aplasia (PRCA) in patients with hepatitis C treated with Interferon, Ribavirin and Epoetin and section 5.1 to include additional data on the Cochrane meta-analysis and the effects of epoetins in cancer patients.</p> <p>Update of Summary of Product Characteristics</p> | | | | <p>variation to amend the SPC.</p> <p>Information with respect to the results of the Cochrane meta-analysis on the effects of epoetins in cancer patients and to the occurrence of PRCA in patients with Hepatitis C treated with Interferon, Ribavirin and Epoetin should be included into the SPC.</p> <p>The amendments of Sections 4.4 and 5.1 of the SPC have been implemented as recommended by the PhVWP / CHMP.</p> |
| II/0062 | <p>Update of Detail Description of the Pharmacovigilance System (Pharmacovigilance).</p> <p>Update of DDPS (Pharmacovigilance)</p> | 22/10/2009 | 20/11/2009 | Annex II | <p>The Detailed Description of the Pharmacovigilance System has been updated has provided a revised DDPS (Version 3.6 dated 17 September 2009). Consequently, Annex II has been updated using the standard text including the new version number of the agreed DDPS.</p> |
| II/0061 | <p>The MAH applied to implement the new primary packaging material for NeoRecormon pre-filled syringes drug product.</p> <p>Quality changes</p> | 25/06/2009 | 06/07/2009 | | |
| II/0060 | <p>Changes to the manufacturing process of drug product.</p> <p>Change(s) to the manufacturing process for the finished product</p> | 23/04/2009 | 07/05/2009 | | |
| II/0059 | <p>Implementation of new stability test method, in replacement of current approved.</p> <p>Change(s) to the test method(s) and/or specifications</p> | 19/02/2009 | 04/03/2009 | | |

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| | for the finished product | | | | |
| II/0058 | <p>The MAH applied to add F. Hoffmann-La Roche LTD, Basel, Switzerland as manufacturer for NeoRecormon pre-filled syringes and to adjust some parameters in order to harmonise all strength manufactured in Basel.</p> <p>Quality changes</p> | 19/02/2009 | 04/03/2009 | | |
| II/0057 | <p>This variation concerns an update of the SPC following the completion of a class safety review by the PhVWP and the CHMP. The safety review was initiated because recent data show a consistent unexplained excess mortality in cancer patients with anaemia treated with epoetins.</p> <p>As a result, CHMP requested to update section 4.4 of the SPC to include an additional ESA class warning in the epoetins with cancer indication. The Package Leaflet has been updated accordingly.</p> <p>Update of Summary of Product Characteristics and Package Leaflet</p> | 25/09/2008 | 23/10/2008 | SmPC and PL | <p>This variation concerns an update of the SPC following the completion of a class safety review by the PhVWP and the CHMP. The safety review was initiated because recent new available data from studies that showed an increased risk of tumour progression, venous thromboembolism and shorter overall survival in cancer patients who received epoetins compared to patients who did not receive them. Following this review, the CHMP concluded, at its June 2008 meeting, that the benefits of epoetins continue to outweigh their risks in the approved indications. However, in cancer patients with a reasonably long life-expectancy, the benefit of using epoetins does not outweigh the risk of tumour progression and shorter overall survival and therefore the Committee concluded that in these patients anaemia should be corrected with blood transfusions. The decision to administer epoetin-containing medicines should be based on an informed assessment of the benefits against the risks on individual basis, taking into account the type and stage of tumour, the degree of anaemia, the patient's life-expectancy, the environment in which the patient is being treated and patient preference.</p> <p>As a result, Section 4.4 of the SPC and section 2 of the</p> |

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| | | | | | Package Leaflet are being updated to reflect these conclusions by incorporating wording requested by CHMP for inclusion for all epoetins for which a cancer indication is licensed. |
| II/0056 | Change to the manufacturing process of the active substance Change(s) to the manufacturing process for the active substance | 30/05/2008 | 05/06/2008 | | |
| IB/0055 | IB_37_b_Change in the specification of the finished product - add. of new test parameter IB_38_c_Change in test procedure of finished product - other changes | 27/03/2008 | n/a | | |
| II/0054 | Update of Summary of Product Characteristics and Package Leaflet | 24/01/2008 | 26/02/2008 | SmPC and PL | <p>This variation primarily concerns an update of the SPC following the completion of a class safety review by the PhVWP and the CHMP. The safety review was initiated because recent data show a consistent unexplained excess mortality in cancer patients with anaemia treated with epoetins, and that treatment of anaemia with epoetins in patients with chronic kidney disease to achieve relatively high target haemoglobin concentrations may be associated with an increase in the risk of mortality and cardiovascular morbidity.</p> <p>As a result, the main changes being implemented are: i) in section 4.1, to highlight that epoetins should be used only if associated with symptoms, ii) in Section 4.2 to establish a uniform target haemoglobin range for all epoetins, iii) in Section 4.4 to mention the observed negative benefit risk</p> |

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| | | | | | <p>balance in patients treated with high target haemoglobin concentrations, and iv) in section 5.1 to include the relevant results of the trials triggering the safety review. Additional section 4.8 has also been amended to update frequency of one adverse reaction. The package leaflet has been updated accordingly.</p> <p>Further changes to the package leaflet have been made to update the contact details of some local representatives.</p> |
| II/0052 | <p>Upscaling of the manufacturing process for Neorecormon active substance</p> <p>Quality changes</p> | 13/12/2007 | 19/12/2007 | | |
| IA/0053 | <p>IA_47_a_Deletion of a pharmaceutical form</p> <p>IA_47_b_Deletion of a strength</p> <p>IA_47_c_Deletion of a pack size(s)</p> | 01/10/2007 | n/a | SmPC, Labelling and PL | |
| R/0050 | Renewal of the marketing authorisation. | 26/04/2007 | 25/06/2007 | SmPC, Annex II, Labelling and PL | |
| N/0051 | Minor change in labelling or package leaflet not connected with the SPC (Art. 61.3 Notification) | 13/04/2007 | n/a | Labelling | |
| II/0049 | Update of Summary of Product Characteristics, Labelling and Package Leaflet | 16/11/2006 | 04/01/2007 | SmPC, Labelling and PL | The MAH has applied to update sections 4.1, 4.2 and 4.8 of the SPC in order to harmonise the wording between the oncology indications. |
| II/0048 | Change(s) to the manufacturing process for the active substance | 28/06/2006 | 05/07/2006 | | |

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| II/0047 | Change(s) to the manufacturing process for the finished product | 01/06/2006 | 07/06/2006 | | |
| II/0046 | Change(s) to the manufacturing process for the finished product | 23/03/2006 | 29/03/2006 | | |
| II/0044 | Update of Summary of Product Characteristics, Labelling and Package Leaflet | 13/10/2005 | 17/11/2005 | SmPC, Labelling and PL | |
| II/0043 | Change(s) to the test method(s) and/or specifications for the active substance | 15/09/2005 | 29/09/2005 | | |
| II/0042 | Change(s) to the manufacturing process for the active substance | 15/09/2005 | 29/09/2005 | | |
| II/0041 | Change(s) to the manufacturing process for the finished product | 15/09/2005 | 29/09/2005 | | |
| IA/0045 | IA_01_Change in the name and/or address of the marketing authorisation holder | 26/09/2005 | n/a | SmPC, Labelling and PL | |
| II/0040 | Change(s) to the manufacturing process for the finished product | 27/07/2005 | 03/08/2005 | | |
| II/0037 | Update of Summary of Product Characteristics and Package Leaflet | 26/05/2005 | 13/07/2005 | SmPC and PL | |
| IB/0039 | IB_12_b_02_Change in spec. of active subst./agent in manuf. of active subst. - test parameter | 20/05/2005 | n/a | | |

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| II/0038 | Change(s) to the manufacturing process for the finished product | 21/04/2005 | 27/04/2005 | | |
| II/0035 | Change(s) to the test method(s) and/or specifications for the finished product | 17/02/2005 | 25/02/2005 | | |
| IA/0036 | IA_47_b_Deletion of a strength IA_47_c_Deletion of a pack size(s) | 14/12/2004 | n/a | SmPC, Labelling and PL | |
| II/0034 | Quality changes | 18/11/2004 | 22/11/2004 | | |
| N/0033 | Minor change in labelling or package leaflet not connected with the SPC (Art. 61.3 Notification) | 09/08/2004 | n/a | PL | |
| II/0032 | | 22/04/2004 | n/a | | |
| X/0031 | X-3-iii_Addition of new strength | 25/09/2003 | 23/02/2004 | SmPC, Annex II, Labelling and PL | |
| II/0030 | Change(s) to the manufacturing process for the active substance | 25/04/2003 | 30/04/2003 | | |
| II/0026 | Update of Summary of Product Characteristics and Package Leaflet | 18/12/2002 | 17/03/2003 | SmPC and PL | |
| I/0029 | 16_Change in the batch size of finished product | 23/01/2003 | 27/01/2003 | | |
| II/0023 | Update of Summary of Product Characteristics and Package Leaflet | 22/08/2002 | 03/12/2002 | SmPC and PL | |

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| I/0028 | 01_Change in or addition of manufacturing site(s) for part or all of the manufacturing process | 08/11/2002 | n/a | | |
| I/0027 | 01_Change in or addition of manufacturing site(s) for part or all of the manufacturing process | 25/10/2002 | n/a | | |
| I/0024 | 01_Change in or addition of manufacturing site(s) for part or all of the manufacturing process | 25/10/2002 | n/a | | |
| R/0022 | Renewal of the marketing authorisation. | 30/05/2002 | 22/08/2002 | SmPC, Annex II, Labelling and PL | |
| I/0021 | 15_Minor changes in manufacture of the medicinal product | 21/02/2002 | 01/03/2002 | | |
| II/0019 | Change(s) to the test method(s) and/or specifications for the active substance | 15/11/2001 | 19/11/2001 | | |
| II/0015 | Update of Summary of Product Characteristics and Package Leaflet | 31/05/2001 | 17/09/2001 | SmPC and PL | |
| I/0018 | 25_Change in test procedures of the medicinal product | 27/06/2001 | 06/07/2001 | | |
| II/0017 | Change(s) to the test method(s) and/or specifications for the active substance | 27/06/2001 | 04/07/2001 | | |
| I/0016 | 16_Change in the batch size of finished product | 14/05/2001 | 01/06/2001 | | |
| II/0014 | Extension of Indication | 16/11/2000 | 20/03/2001 | SmPC and PL | |
| X/0013 | X-3-iii_Addition of new strength | 23/09/1999 | 10/02/2000 | SmPC, | |

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| | | | | Labelling and PL | |
| X/0012 | X-3-iii_Addition of new strength | 23/09/1999 | 10/02/2000 | SmPC, Labelling and PL | |
| X/0011 | X-3-iii_Addition of new strength | 23/09/1999 | 10/02/2000 | SmPC, Labelling and PL | |
| II/0010 | Update of Summary of Product Characteristics and Package Leaflet | 23/09/1999 | 10/02/2000 | SmPC, Labelling and PL | |
| II/0009 | Change(s) to the manufacturing process for the finished product | 28/07/1999 | n/a | | |
| I/0008 | 01_Change following modification(s) of the manufacturing authorisation(s) | 12/03/1999 | 01/07/1999 | SmPC, Labelling and PL | |
| T/0007 | Transfer of Marketing Authorisation | 12/03/1999 | 07/05/1999 | SmPC, Labelling and PL | |
| II/0005 | Update of Summary of Product Characteristics and Package Leaflet | 23/07/1998 | 11/11/1998 | SmPC, Labelling and PL | |
| II/0004 | Update of Summary of Product Characteristics | 27/05/1998 | 11/11/1998 | SmPC | |
| I/0003 | 02_Change in the name of the medicinal product (either invented name of common name) | 03/07/1998 | 01/10/1998 | SmPC, Labelling and PL | |

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|--------|--|------------|------------|----------------------------------|--|
| I/0006 | 12_Minor change of manufacturing process of the active substance | 27/05/1998 | n/a | | |
| X/0002 | X-3-iv_Change or addition of a new pharmaceutical form | 22/10/1997 | 02/04/1998 | SmPC, Annex II, Labelling and PL | |
| I/0001 | 12_Minor change of manufacturing process of the active substance 14_Change in specifications of active substance 24_Change in test procedure of active substance | 22/10/1997 | 02/04/1998 | | |