



## JCOVDEN

### Procedural steps taken and scientific information after the authorisation

Application number	Scope	Opinion/ Notification <sup>1</sup> issued on	Commission Decision Issued <sup>2</sup> / amended on	Product Information affected <sup>3</sup>	Summary
IB/0055/G	This was an application for a group of variations.  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	31/05/2022		Annex II	This variation resulted in an update of annex II to include a new specific obligation to confirm the consistency of the active substance manufacturing process.

<sup>1</sup> 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.

<sup>2</sup> 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.

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



	B.I.e.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product				
IB/0052/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.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product	24/05/2022		Annex II	This variation resulted in an update of annex II to amend due date of the specific obligation to confirm the consistency of the finished product manufacturing process.
IB/0051	C.I.z - Changes (Safety/Efficacy) of Human and Veterinary Medicinal Products - Other variation	18/05/2022	25/05/2022	SmPC, Annex II and PL	To update section 4.8 of the SmPC and section 4 of the PL to add Cutaneous small vessel vasculitis as adverse reaction with frequency 'Not known'
IB/0046	B.I.a.2.a - Changes in the manufacturing process of the AS - Minor change in the manufacturing process of the AS	05/05/2022	n/a		
IAIN/0049	A.2.a - Administrative change - Change in the (invented) name of the medicinal product for CAPs	28/04/2022	17/05/2022	SmPC, Labelling and PL	To change the (invented) name of the medicinal product from COVID-19 Vaccine Janssen to JCOVDEN.
II/0041/G	This was an application for a group of variations.  B.I.b.1.b - Change in the specification parameters and/or limits of an AS, starting material/intermediate/reagent - Tightening of specification limits  B.I.a.4.e - Change to in-process tests or limits applied	31/03/2022	n/a		

	<p>during the manufacture of the AS - Deletion of an in-process test which may have a significant effect on the overall quality of the AS</p> <p>B.I.a.4.d - Change to in-process tests or limits applied during the manufacture of the AS - Widening of the approved in-process test limits, which may have a significant effect on the overall quality of the AS</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.e.4.a - Changes to an approved change management protocol - Major changes</p>				
II/0040	B.II.g.2 - Introduction of a post approval change management protocol related to the finished product	17/03/2022	n/a		
PSUSA/10916 /202108	Periodic Safety Update EU Single assessment - COVID-19 vaccine (Ad26.COV2-S [recombinant]) (COVID-19 Vaccine Janssen)	10/03/2022	n/a		PRAC Recommendation - maintenance
IB/0045/G	<p>This was an application for a group of variations.</p> <p>B.II.d.1.b - Change in the specification parameters and/or limits of the finished product - Tightening of specification limits for medicinal products subject to OCABR</p> <p>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</p> <p>B.II.d.2.a - Change in test procedure for the finished</p>	08/03/2022	n/a		

	<p>product - Minor changes to an approved test procedure</p> <p>B.II.d.1.b - Change in the specification parameters and/or limits of the finished product - Tightening of specification limits for medicinal products subject to OCABR</p>				
IB/0044/G	<p>This was an application for a group of variations.</p> <p>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</p> <p>B.II.b.1.a - Replacement or addition of a manufacturing site for the FP - Secondary packaging site</p>	01/03/2022	n/a		
IB/0043/G	<p>This was an application for a group of variations.</p> <p>B.II.d.1.b - Change in the specification parameters and/or limits of the finished product - Tightening of specification limits for medicinal products subject to OCABR</p> <p>B.I.b.1.a - Change in the specification parameters and/or limits of an AS, starting material/intermediate/reagent - Tightening of specification limits for medicinal products subject to OCABR</p> <p>B.II.f.1.b.5 - Stability of FP - Extension of the shelf life of the finished product - Biological/immunological medicinal product in accordance with an approved</p>	24/02/2022	02/03/2022	SmPC, Labelling and PL	Update of the PI to extend the shelf life from 4.5 months to 11 months when stored at 2°C to 8°C.

	stability protocol				
IB/0042	B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product	14/02/2022	n/a		
II/0037	B.I.z - Quality change - Active substance - Other variation	10/02/2022	02/03/2022	Annex II	Annex II has been updated to delete the following obligation: "In order to confirm the consistency of the active substance manufacturing process, the MAH should provide additional comparability and validation data."
II/0035	<p>Update of section 4.4 and 4.8 of the SmPC in order to add transverse myelitis to the list of warnings and precautions and to the list of adverse drug reactions (ADRs) with frequency 'not known' based on the PRAC request from the post-authorisation measures MEA 14.5 and MEA 14.6 (6th and 7th Monthly Summary Safety Report covering the months of August 2021 and September 2021, respectively). The Package Leaflet is updated accordingly.</p> <p>Update of section 4.4 of the SmPC in order to amend the wording on Thrombosis and thrombocytopenia syndrome (TTS) following the PRAC request from the post-authorisation measure MEA 14.5. The Package Leaflet is updated accordingly.</p> <p>In addition, the MAH took the opportunity to implement an editorial Quality review document (QRD) comment in the labelling following procedure EMEA/H/C/005737/II/014.</p> <p>C.I.4 - Change(s) in the SPC, Labelling or PL due to new quality, preclinical, clinical or pharmacovigilance</p>	13/01/2022	14/01/2022	SmPC, Labelling and PL	<p>As an outcome of the post-authorisation measure MEA 14.5 and 14.6 (6th and 7th Monthly Summary Safety Report covering the months of August and September 2021), the MAH was requested to update of sections 4.4 and 4.8 of the SmPC in order to add transverse myelitis to the list of warnings and precautions and to the list of adverse drug reactions (ADR) with frequency not known.</p> <p>Based on a cumulative review of post-marketing data and literature on transverse myelitis up to 31st September 2021, it was concluded that there was a reasonable possibility to consider transverse myelitis as causally related to the COVID-19 vaccine Janssen and therefore, it was added to section 4.8 of the SmPC. The frequency of this event was calculated as 'not known'. In addition, considering transverse myelitis is a serious condition, albeit occurring very rarely, it is considered warranted to add information in section 4.4 to raise awareness among prescribers as well as vaccinees in case of experiences signs and symptoms which may suggest transverse myelitis.</p> <p>In addition, section 4.4 of the SmPC has been updated in order to amend the wording on Thrombosis and</p>

	data				<p>thrombocytopenia syndrome (TTS) and reflect the observed balanced gender in the TTS cases reported through the post-marketing data.</p> <p>The package leaflet is updated accordingly.</p> <p>For more information, please refer to the Summary of Product Characteristics.</p>
II/0029	<p>Submission of an updated RMP version 3.1 in order to upgrade the important potential risk of venous thromboembolism (VTE) to an important identified risk as an outcome of the procedure MEA-32, addition of the clinical trial VAC31518COV3003 and update of study VAC18193RSV2008 as additional pharmacovigilance activities to further characterize the important identified risks of Thrombosis with thrombocytopenia syndrome (TTS), thrombocytopenia (including immune thrombocytopenia) and VTE as an outcome of MEA 14.4. The MAH took the opportunity to include other minor updates in the RMP. In addition, the MAH consolidated in RMP version 3.1 the updates made in the RMP as part of the approved procedure EMEA/H/C/005737/II/0018 and procedure EMEA/H/C/005737/II/0029.</p> <p>C.I.11.b - Introduction of, or change(s) to, the obligations and conditions of a marketing authorisation, including the RMP - Implementation of change(s) which require to be further substantiated by new additional data to be submitted by the MAH where significant assessment is required</p>	13/01/2022	n/a		

IB/0039/G	<p>This was an application for a group of variations.</p> <p>B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product</p> <p>B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product</p> <p>B.I.e.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product</p>	04/01/2022	n/a		
R/0023	Renewal of the marketing authorisation.	16/12/2021	03/01/2022		<p>The CHMP, having reviewed the available information on the status of the fulfilment of Specific Obligations and having confirmed the positive benefit risk balance, is of the opinion that the quality, safety and efficacy of this medicinal product continue to be adequately and sufficiently demonstrated and therefore recommends the renewal of the conditional MA for COVID-19 Vaccine Janssen, subject to the Specific Obligations and Conditions as laid down in Annex II to the opinion.</p>
II/0033	<p>Update of sections 4.2, 4.3, 4.4, 4.8 and 5.1 of the SmPC in order to introduce an homologous booster dose (second dose) of COVID-19 vaccine Janssen based on interim efficacy, immunogenicity and safety results from different clinical studies including the two randomised, double blind, placebo-controlled Phase 3 studies COV3001 and COV3009. A contraindication in individuals with a history thrombosis with thrombocytopenia syndrome following vaccination with any COVID-19 vaccine is also included. In</p>	14/12/2021	16/12/2021	SmPC and PL	<p>A booster dose (second dose) of 0.5 mL of COVID-19 Vaccine Janssen may be administered intramuscularly at least 2 months after the primary vaccination in individuals 18 years of age and older.</p> <p>A booster dose of the COVID-19 Vaccine Janssen (0.5 mL) may be administered as a heterologous booster dose following completion of primary vaccination with another approved COVID-19 vaccine. The dosing interval for the heterologous booster dose is the same as that authorised for a booster dose of the vaccine used for primary vaccination.</p>

	<p>addition, an update to introduce an heterologous booster dose of COVID-19 vaccine Janssen following completion of a primary vaccination with an approved mRNA COVID-19 vaccine is introduced based on immunogenicity and safety interim results from the phase 1/2 study DMID 21-0012. In addition, the MAH took the opportunity to update the efficacy data for the primary vaccination schedule based on final analysis from study COV3001. The Package Leaflet is updated accordingly.</p> <p>C.I.4 - Change(s) in the SPC, Labelling or PL due to new quality, preclinical, clinical or pharmacovigilance data</p>				<p>Individuals who have experienced thrombosis with thrombocytopenia syndrome (TTS) following vaccination with any COVID-19 vaccine should not receive COVID-19 Vaccine Janssen</p> <p>The risk of very rare events (such as coagulation disorders including thrombosis with thrombocytopenia syndrome, CLS and GBS) after a booster dose of COVID-19 Vaccine Janssen has not yet been characterised.</p> <p>Efficacy of two-doses of COVID-19 Vaccine Janssen administered 2 months apart</p> <p>A final analysis (cut-off date 25 June 2021) of a multicentre, randomised, double-blind, placebo-controlled Phase 3 study (COV3009) was conducted to assess the efficacy, safety, and immunogenicity of 2 doses of COVID-19 Vaccine Janssen administered with a 56-day interval.</p> <p>In total, 14492 individuals were included in the per-protocol efficacy population (7484 individuals received COVID-19 Vaccine Janssen and 7008 individuals received placebo). Vaccine efficacy against symptomatic infections at least 14 days after second vaccination was 75.2% (95% CI: 54.6; 87.3).</p> <p>Immunogenicity of a booster dose (second dose) following primary vaccination with COVID-19 Vaccine Janssen</p> <p>In a Phase 2 Study (COV2001), individuals 18 through 55 years of age and 65 years and older received a booster dose of the COVID-19 Vaccine Janssen approximately 2 months after the primary vaccination. Immunogenicity data are available from 39 individuals, of whom 15 were 65 years of age and older. Neutralising antibody and binding antibody increases against the reference SARS-CoV-2 strain were also observed in studies COV1001, COV1002 and COV2001 in a limited number of study participants after a boost given at 2,</p>
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3 and 6 months, when compared to pre-boost values. Overall, the increases of GMTs pre-boost to 1-month post-boost ranged from 1.5 to 4.4 fold for neutralising antibodies, and from 2.5 to 5.8 fold for binding antibodies. A 2-fold decrease in antibody levels was observed 4 months following 2-month booster dose, compared to 1 month following 2-month booster dose. Antibody levels were still higher than antibody levels following a single-dose at a similar timepoint. These data support the administration of a booster dose when administered at an interval of 2 months or longer after primary vaccination.

Immunogenicity of a booster dose following primary vaccination with an approved mRNA COVID-19 vaccine

An independent Phase 1/2 open-label clinical trial (NCT04889209) conducted in the United States evaluated a heterologous booster dose of the COVID-19 Vaccine Janssen. Due to the limited sample size, differences observed are only descriptive. In this study, adults who had completed primary vaccination with a Spikevax 2-dose series (N=151), a COVID-19 Vaccine Janssen single-dose (N=156), or a Comirnaty 2-dose series (N=151) at least 12 weeks prior to enrollment and who reported no history of SARS-CoV-2 infection were randomised 1:1:1 to receive a booster dose of one of three vaccines: Spikevax, COVID-19 Vaccine Janssen or Comirnaty. Neutralising antibody titres were assessed on Day 1 prior to administration of the booster dose and on Day 15 and Day 29 after the booster dose. A booster response to the COVID-19 Vaccine Janssen was demonstrated regardless of primary vaccination. The antibody level 14 days after a heterologous boost by COVID-19 Vaccine Janssen is lower than after a homologous boost by a licensed mRNA vaccine while after 1 month, neutralising antibody titers are roughly

					similar between both regimens. Data indicate the homologous regimen with COVID-19 Vaccine Janssen induces lower antibody responses compared to heterologous boosting with a licensed mRNA vaccine. The clinical relevance of this is unknown. Only short-term immunogenicity data are available, long-term protection and immunological memory are currently unknown. For more information, please refer to the Summary of Product Characteristics.
II/0026/G	This was an application for a group of variations.  A.5.b - Administrative change - Change in the name and/or address of a manufacturer/importer of the finished product, including quality control sites (excluding manufacturer for batch release) B.II.b.z - Change in manufacture of the Finished Product - Other variation	16/12/2021	n/a		
IB/0036	B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product	13/12/2021	16/12/2021	Annex II	Update on the dates for a Specific Obligation listed in Annex II.
IB/0032	B.I.a.1.k - Change in the manufacturer of AS or of a starting material/reagent/intermediate for AS - New storage site of MCB and/or WCB	10/12/2021	n/a		
IA/0038	B.II.b.5.z - Change to in-process tests or limits applied during the manufacture of the finished product - Other variation	03/12/2021	n/a		

II/0018	<p>Submission of an updated RMP version 2.5 in order to include the following:</p> <ul style="list-style-type: none"> <li>To include thrombocytopenia (including immune thrombocytopenia) as an important identified risk following the outcome of the signal of Embolic and Thrombotic events (SDA 018.1, EPITT number 19689) and the opinion of procedure EMEA/H/C/005737/II/0006/G</li> <li>To propose studies aimed at further characterization of Thrombosis with Thrombocytopenia syndrome (TTS) and thrombocytopenia, following the outcome of the signal of Embolic and Thrombotic events (SDA 018.1, EPITT number 19689)</li> <li>To include Guillain-Barré syndrome as an important identified risk and update the RMP accordingly (EMEA/H/C/005737/II/0012)</li> </ul> <p>In addition, the MAH took the opportunity to update in the EU-RMP the submission milestone dates for VAC31518COV4001 and VAC31518COV4002 studies.</p> <p>C.I.11.b - Introduction of, or change(s) to, the obligations and conditions of a marketing authorisation, including the RMP - Implementation of change(s) which require to be further substantiated by new additional data to be submitted by the MAH where significant assessment is required</p>	02/12/2021	n/a		
IA/0034	A.7 - Administrative change - Deletion of manufacturing sites	29/11/2021	16/12/2021	Annex II	Annex II is updated to remove a site responsible for manufacture of the active substance

IB/0030	B.II.b.3.a - Change in the manufacturing process of the finished or intermediate product - Minor change in the manufacturing process	23/11/2021	n/a		
II/0017	B.II.b.z - Change in manufacture of the Finished Product - Other variation	21/10/2021	n/a		
IB/0028/G	This was an application for a group of variations.  B.II.b.2.z - Change to importer, batch release arrangements and quality control testing of the FP - Other variation  B.I.a.1.z - Change in the manufacturer of AS or of a starting material/reagent/intermediate for AS - Other variation	11/10/2021	n/a		
IB/0027	C.I.z - Changes (Safety/Efficacy) of Human and Veterinary Medicinal Products - Other variation	08/10/2021	11/10/2021	SmPC and PL	To include Venous Thromboembolism (VTE) as Adverse Drug Reaction.
IB/0025/G	This was an application for a group of variations.  B.II.b.1.a - Replacement or addition of a manufacturing site for the FP - Secondary packaging site  B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product	01/10/2021	11/10/2021	Annex II	This variation resulted in an update of annex II to include an update of the specific obligation to confirm the consistency of the finished product manufacturing process, with the addition of interim reports
II/0020	Update of sections 4.4 and 4.8 of the SmPC to add a new warning on immune thrombocytopenia (ITP), and	30/09/2021	01/10/2021	SmPC and PL	As an outcome of the post-authorisation measure MEA 14.3 (4th Monthly Summary Safety Report covering June 2021),

to add dizziness and ITP to the list of adverse drug reactions with frequencies uncommon and not known, respectively; based on the PRAC request from the post-authorisation measure MEA/014.3 (4th Monthly Summary Safety Report covering the month of June 2021). The package leaflet is updated accordingly. A DHPC and communication plan was adopted.

C.I.4 - Change(s) in the SPC, Labelling or PL due to new quality, preclinical, clinical or pharmacovigilance data

the MAH was requested to update of sections 4.4 and 4.8 of the SmPC to add a new warning on immune thrombocytopenia (ITP), and to add dizziness and ITP to the list of adverse drug reactions with frequencies uncommon and not known, respectively.

Based on a cumulative review of post-marketing data on anxiety related reactions, including dizziness, it was concluded there was a reasonable possibility to consider dizziness as causally related to the COVID-19 vaccine Janssen, and therefore, it was added to section 4.8 of the SmPC. The frequency of this event was calculated as 'uncommon' based on clinical data from study VAC31518COV3001.

ITP was added to section 4.8 following a review of the available post-marketing and clinical trial data. In addition, taking case reviews into account, and particularly due to the severity of some cases reported, as well as limited post-marketing and literature data showing significant decrease in platelet values in patients with a prior medical history of ITP following vaccination with the Janssen COVID-19 vaccine, a warning in section 4.4 of the SmPC is added.

A Direct Healthcare Professional Communication (DHPC) is considered necessary in order to communicate on the new recommendations in relation to ITP; namely that Healthcare professionals (HCPs) 1. should assess an individual's relevant medical history prior to administering COVID-19 Vaccine Janssen and discuss the risks and benefits of developing low platelet levels before administering the vaccine, 2.should be alert to signs and symptoms of ITP, such as spontaneous bleeding, bruising or petechiae and 3. are recommended to monitor platelet levels in individuals

					with a history of ITP following vaccination with COVID-19 Vaccine Janssen. For more information, please refer to the Summary of Product Characteristics.
IB/0024/G	This was an application for a group of variations.  B.II.f.1.b.5 - Stability of FP - Extension of the shelf life of the finished product - Biological/immunological medicinal product in accordance with an approved stability protocol  B.II.f.1.d - Stability of FP - Change in storage conditions of the finished product or the diluted/reconstituted product	21/09/2021	29/09/2021	SmPC, Labelling and PL	To extend the shelf life of the Covid-19 vaccine Janssen drug product in accordance with the approved stability protocol from the current shelf-life of 3 months to 4.5 months when stored at 2 to 8°C.  To clarify in Annex 1 - Summary of Product Characteristics, 6.3 Shelf life and 6.4 Special precautions for storage and the corresponding section in the Package leaflet that transportation is also part of the chemical and physical in-use stability of the opened vial (after first puncture).
IB/0022/G	This was an application for a group of variations.  B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product  B.II.b.3.a - Change in the manufacturing process of the finished or intermediate product - Minor change in the manufacturing process	07/09/2021	n/a		
IB/0021/G	This was an application for a group of variations.  B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product  B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product	06/09/2021	n/a		

	<p>B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product</p> <p>B.I.e.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product</p> <p>B.I.e.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product</p> <p>B.I.e.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product</p>				
II/0014	<p>Update of section 4.8 of the SmPC in order to include diarrhoea and paraesthesia as adverse drug reactions (ADRs) with frequency uncommon; and hypoesthesia, lymphadenopathy, vomiting and tinnitus as ADRs with frequency rare, as requested by PRAC from post-authorisation measures MEA 014.2 and MEA 014.3 (3rd and 4th Monthly Summary Safety Report covering May 2021 and June 2021, respectively). In addition, the MAH took the opportunity to add editorial changes on sections 6.4 and 6.6 of the SmPC in line with the WHO recommendations. Also, the labelling has been updated to improve readability. The labelling and package leaflet are updated accordingly.</p> <p>C.I.4 - Change(s) in the SPC, Labelling or PL due to new quality, preclinical, clinical or pharmacovigilance data</p>	02/09/2021	03/09/2021	SmPC, Labelling and PL	Update of section 4.8 of the SmPC in order to include diarrhoea and paraesthesia as adverse drug reactions (ADRs) with frequency uncommon; and hypoesthesia, lymphadenopathy, vomiting and tinnitus as ADRs with frequency rare as requested by PRAC from post authorisation measures MEA 014.2 and MEA 014.3 (3rd and 4th Monthly Summary Safety Report covering May 2021 and June 2021, respectively). The frequencies of these ADRs derive from the clinical trial reporting of study VAC31518COV3001.

IB/0019	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	02/09/2021	n/a		
IB/0016	B.II.b.3.a - Change in the manufacturing process of the finished or intermediate product - Minor change in the manufacturing process	26/08/2021	n/a		
IA/0015	A.7 - Administrative change - Deletion of manufacturing sites	30/07/2021	03/09/2021	Annex II	
II/0012	<p>Update of sections 4.4 and 4.8 of the SmPC in order to add a warning related to the possibility of developing a Guillain-Barré syndrome (GBS) following the administration of Ad26.COVID.S and to add GBS as an adverse drug reaction (ADR). This is based on the information accumulated on cases of GBS reported to the vaccine adverse event reporting system (VAERS) in recipients of the Janssen COVID-19 Vaccine and subsequently, on the analysis performed by the company on cases of GBS based on the available cumulative data from launch. In addition, the company took the opportunity to make some editorial changes. The Package Leaflet is updated accordingly.</p> <p>C.I.4 - Change(s) in the SPC, Labelling or PL due to new quality, preclinical, clinical or pharmacovigilance data</p>	22/07/2021	23/07/2021	SmPC and PL	<p>SmPC new text</p> <p>A warning is added in 4.4 of the SmPC regarding the possibility of presenting a Guillain -Barré Syndrome (GBS) after the administration of Janssen COVID-19 Vaccine. This adverse event is also added in 4.8 of the SmPC with a frequency of very rare. Healthcare professionals should be alert of GBS signs and symptoms to ensure correct diagnosis, in order to initiate adequate supportive care and treatment and to rule out other causes.</p>



IB/0013	C.I.11.z - Introduction of, or change(s) to, the obligations and conditions of a marketing authorisation, including the RMP - Other variation	21/07/2021	23/07/2021	Annex II	To extend the due date of the specific obligation and update Annex II of the product information accordingly.
II/0010	Update of section 4.3, 4.4 and 4.8 of the SmPC in order to add a contraindication related to the administration of Ad26.COVID.S to individuals with a history of Capillary Leak Syndrome (CLS) based on the cases reported following administration of this vaccine in the Global Medical Safety (GMS) up to the data lock point (DLP) of 21 June 2021. The Package Leaflet is updated accordingly. In addition, the MAH took the opportunity to add some minor editorial changes throughout the product information.  C.I.4 - Change(s) in the SPC, Labelling or PL due to new quality, preclinical, clinical or pharmacovigilance data	07/07/2021	09/07/2021	SmPC and PL	SmPC new text The administration of this vaccine (Ad26.COVID.S) is contraindicated in individuals with a history of Capillary Leak Syndrome (CLS). A joint DHPC is issued to alert health care professionals to the signs and symptoms of thromboembolism and/or thrombocytopenia in follow up to the adopted signal procedure at PRAC for TTS (Thrombosis with Thrombopenia Syndrome). This letter also communicates the new contraindication of this vaccine in individuals who have previously experienced episodes of Capillary Leak Syndrome (CLS). For more information, please refer to the Summary of Product Characteristics.
II/0006/G	This was an application for a group of variations.  To update the EU-RMP for COVID-19 Vaccine Janssen to include thrombosis with thrombocytopenia syndrome (TTS) in the list of the safety concerns as an important identified risk following the PRAC recommendation, dated 6 May 2021 in the outcome of the related signal of Embolic and Thrombotic events (procedure number SDA 018.1) with COVID-19 Vaccine Janssen (Ad26.COVID-S [recombinant]). In addition, the MAH sought agreement on a DHPC to alert health care professionals to the signs and	07/07/2021	n/a		Thrombosis with thrombocytopenia syndrome (TTS) is included in the list of the safety concerns as an important identified risk in the outcome of the related signal of Embolic and Thrombotic events (procedure number SDA 018.1) with COVID-19 Vaccine Janssen (Ad26.COVID-S [recombinant]). In addition, Thrombocytopenia is also agreed to be included as an important potential risk in the summary of safety concerns in the RMP. The RMP will be updated within the next expected variation to update the RMP. Finally, a joint DHPC is issued to alert health care professionals to the signs and symptoms of thromboembolism and/or thrombocytopenia in follow up to

	<p>symptoms of thromboembolism and/or thrombocytopenia in follow up to the adopted signal procedure at PRAC for TTS (Thrombosis with Thrombopenia Syndrome).</p> <p>C.I.4 - Change(s) in the SPC, Labelling or PL due to new quality, preclinical, clinical or pharmacovigilance data</p> <p>C.I.11.b - Introduction of, or change(s) to, the obligations and conditions of a marketing authorisation, including the RMP - Implementation of change(s) which require to be further substantiated by new additional data to be submitted by the MAH where significant assessment is required</p>				<p>the adopted signal procedure at PRAC for TTS (Thrombosis with Thrombopenia Syndrome). This letter also communicates the new contraindication of this vaccine in individuals who have previously experienced episodes of Capillary Leak Syndrome (CLS).</p> <p>SmPC new text</p> <p>No changes are introduced in the SmPC or in the Product Leaflet.</p>
IB/0011	B.I.e.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product	30/06/2021	09/07/2021	Annex II	This variation resulted in an update of annex II to add a specific obligation to confirm the consistency of the active substance manufacturing process by submitting additional comparability and validation data.
IA/0009	A.7 - Administrative change - Deletion of manufacturing sites	25/06/2021	n/a		
II/0005	B.II.b.z - Change in manufacture of the Finished Product - Other variation	24/06/2021	n/a		
IB/0008	B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product	21/06/2021	09/07/2021	Annex II	This variation resulted in an update of annex II to amend the specific obligation to confirm the consistency of the finished product manufacturing process, with the addition of interim reports.
IB/0007	B.II.b.3.a - Change in the manufacturing process of	01/06/2021	n/a		

	the finished or intermediate product - Minor change in the manufacturing process				
IA/0004	C.I.z - Changes (Safety/Efficacy) of Human and Veterinary Medicinal Products - Other variation	07/05/2021	07/05/2021	SmPC and PL	This variation is to update section 4.4 of the SmPC and sections 2, 4 and 6 of the package leaflet (PL) to implement the updated signal recommendations on embolic and thrombotic events (EPITT no 19689), following receipt of an updated PRAC signal assessment report on additional data and adoption at PRAC plenary on 05th of April 2021. Leg pain, seizures and mental status changes have been added as symptoms for thrombosis with thrombocytopenia syndrome, as well as the need to actively investigate for sign of thrombosis individuals diagnosed with thrombocytopenia within 3 weeks after vaccination with COVID-19 Vaccine Janssen. Similarly, individuals who present with thrombosis within 3 weeks of vaccination should be evaluated for thrombocytopenia.
IA/0003	C.I.z - Changes (Safety/Efficacy) of Human and Veterinary Medicinal Products - Other variation	21/04/2021	22/04/2021	SmPC and PL	This variation is to update sections 4.4 and 4.8 of the SmPC and sections 2, 4 and 6 of the package leaflet (PL) to implement the signal recommendations on embolic and thrombotic events (EPITT no 19689), following receipt of an updated PRAC signal assessment report on additional data and adoption at PRAC plenary on 20th of April 2021. A new warning on thrombocytopenia and coagulation disorder is added and the adverse reaction: thrombosis in combination with thrombocytopenia is introduced with a frequency: very rare (<1/10 000).
IB/0002/G	This was an application for a group of variations.  B.II.g.5.c - Implementation of changes foreseen in an	15/04/2021	22/04/2021	SmPC, Annex II, Labelling and PL	This variation resulted in an update of sections 6.1, 6.4, 6.5 and 8 of the SmPC, annex II, labelling and Package Leaflet to include:

	<p>approved change management protocol - For a biological/immunological medicinal product</p> <p>B.II.f.z - Stability of FP - Other variation</p> <p>B.II.e.5.a.2 - Change in pack size of the finished product - Change in the number of units (e.g. tablets, ampoules, etc.) in a pack - Change outside the range of the currently approved pack sizes</p> <p>B.II.e.7.b - Change in supplier of packaging components or devices (when mentioned in the dossier) - Replacement or addition of a supplier</p> <p>B.II.a.3.b.6 - Changes in the composition (excipients) of the finished product - Other excipients - Replacement of a single excipient with a comparable excipient with the same functional characteristics and at a similar level</p> <p>B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product</p>				<ul style="list-style-type: none"> <li>- the addition of a new pack size of 20 vials with a slightly different composition (removal of Trisodium citrate dihydrate)</li> <li>- a change from 12 to 13 hours to the thawing time</li> <li>- an update of the specific obligation to confirm the consistency of the finished product manufacturing process, with the addition of interim reports</li> </ul>
IB/0001/G	<p>This was an application for a group of variations.</p> <p>A.5.b - Administrative change - Change in the name and/or address of a manufacturer/importer of the finished product, including quality control sites (excluding manufacturer for batch release)</p> <p>B.II.g.5.c - Implementation of changes foreseen in an approved change management protocol - For a biological/immunological medicinal product</p>	06/04/2021	22/04/2021	Annex II	<p>This variation resulted in an update of annex II to amend the specific obligation to confirm the consistency of the finished product manufacturing process, with the addition of interim reports.</p>