



EUROPEAN MEDICINES AGENCY  
SCIENCE MEDICINES HEALTH

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EMA/PRAC/201501/2022  
Pharmacovigilance Risk Assessment Committee (PRAC)

## PRAC recommendations on signals

Adopted at the 4-7 April 2022 PRAC meeting

This document provides an overview of the recommendations adopted by the Pharmacovigilance Risk Assessment Committee (PRAC) on the signals discussed during the meeting of 4-7 April 2022 (including the signal European Pharmacovigilance Issues Tracking Tool [EPITT]<sup>2</sup> reference numbers).

PRAC recommendations to provide supplementary information are directly actionable by the concerned marketing authorisation holders (MAHs). PRAC recommendations for regulatory action (e.g. amendment of the product information) are submitted to the Committee for Medicinal Products for Human Use (CHMP) for endorsement when the signal concerns Centrally Authorised Products (CAPs), and to the Co-ordination Group for Mutual Recognition and Decentralised Procedures – Human (CMDh) for information in the case of Nationally Authorised Products (NAPs). Thereafter, MAHs are expected to take action according to the PRAC recommendations.

When appropriate, the PRAC may also recommend the conduct of additional analyses by the Agency or Member States.

MAHs are reminded that in line with Article 16(3) of Regulation No (EU) 726/2004 and Article 23(3) of Directive 2001/83/EC, they shall ensure that their product information is kept up to date with the current scientific knowledge including the conclusions of the assessment and recommendations published on the European Medicines Agency (EMA) website (currently acting as the EU medicines webportal).

For CAPs, at the time of publication, PRAC recommendations for update of product information have been agreed by the CHMP at their plenary meeting (19-22 April 2022) and corresponding variations will be assessed by the CHMP.

For nationally authorised medicinal products, it is the responsibility of the National Competent Authorities (NCAs) of the Member States to oversee that PRAC recommendations on signals are adhered to.

Variations for CAPs are handled according to established EMA procedures. MAHs are referred to the available [guidance](#). Variations for NAPs (including via mutual recognition and decentralised procedures) are handled at national level in accordance with the provisions of the Member States.

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<sup>1</sup> Expected publication date. The actual publication date can be checked on the webpage dedicated to [PRAC recommendations on safety signals](#).

<sup>2</sup> The relevant EPITT reference number should be used in any communication related to a signal.



The timeline recommended by PRAC for submission of variations following signal assessment is applicable to both innovator and generic medicinal products, unless otherwise specified.

For procedural aspects related to the handling of PRAC recommendations on signals (e.g. submission requirements, contact points, etc.) please refer to the [Questions and Answers on signal management](#).

## 1. Recommendations for update of the product information

Not applicable

## 2. Recommendations for submission of supplementary information

INN	Signal (EPITT No)	PRAC Rapporteur	Action for MAH	MAH
COVID-19 vaccine (ChAdOx1-S [recombinant]) - Vaxzevria	Corneal graft rejection (19791)	Jean-Michel Dogné (BE)	Supplementary information requested (submission by 29 June 2022)	AstraZeneca AB
Elasomeran (COVID-19 mRNA vaccine) - Spikevax	Autoimmune hepatitis (19750)	Marie Louise Schougaard Christiansen (DK)	Assess in the next PSUR (submission by 8 September 2022)	Moderna Biotech Spain, S.L.
Elasomeran (COVID-19 mRNA vaccine) - Spikevax	Corneal graft rejection (19792)	Marie Louise Schougaard Christiansen (DK)	Supplementary information requested (submission by 29 June 2022)	Moderna Biotech Spain, S.L.
Gemtuzumab ozogamicin	Atypical haemolytic reactions (19788)	Márcia Silva (PT)	Supplementary information requested (submission by 6 May 2022)	Pfizer Europe MA EEIG
Rivaroxaban	Pemphigoid (19785)	Ulla Wändel Liminga (SE)	Supplementary information requested (submission by 28 July 2022)	Bayer AG
Tocilizumab	Encephalopathy including posterior reversible encephalopathy syndrome (PRES) (19731)	Brigitte Keller-Stanislawski (DE)	Supplementary information requested (submission by 6 May 2022)	Roche Registration GmbH
Tozinameran (COVID-19 mRNA vaccine) - Comirnaty	Autoimmune hepatitis (19749)	Menno van der Elst (NL)	Assess in the next PSUR (submission by 27 August 2022)	BioNTech Manufacturing GmbH

INN	Signal (EPITT No)	PRAC Rapporteur	Action for MAH	MAH
Tozinameran (COVID-19 mRNA vaccine - Comirnaty)	Corneal graft rejection (19789)	Menno van der Elst (NL)	Supplementary information requested (submission by 29 June 2022)	BioNTech Manufacturing GmbH

### 3. Other recommendations

INN	Signal (EPITT No)	PRAC Rapporteur	Action for MAH	MAH
Abatacept	Acute respiratory distress syndrome (ARDS) (19751)	Kimmo Jaakkola (FI)	Routine pharmacovigilance	Bristol-Myers Squibb Pharma EEIG
Atezolizumab	Optic neuritis (19747)	Márcia Silva (PT)	Routine pharmacovigilance	Roche Registration GmbH