



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

EMA/357972/2017

European Medicines Agency decision

P/0173/2017

of 3 July 2017

on the acceptance of a modification of an agreed paediatric investigation plan for colistimethate sodium (Colobreathe), (EMA-000176-PIP01-07-M05) in accordance with Regulation (EC) No 1901/2006 of the European Parliament and of the Council

Disclaimer

This decision does not constitute entitlement to the rewards and incentives referred to in Title V of Regulation (EC) No 1901/2006.

Only the English text is authentic.



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The European Medicines Agency,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 1901/2006 of the European Parliament and of the Council of 12 December 2006 on medicinal products for paediatric use and amending Regulation (EEC) No. 1768/92, Directive 2001/20/EC, Directive 2001/83/EC and Regulation (EC) No 726/2004¹,

Having regard to Regulation (EC) No 726/2004 of the European Parliament and of the Council of 31 March 2004 laying down Community procedures for the authorisation and supervision of medicinal products for human and veterinary use and establishing a European Medicines Agency²,

Having regard to the European Medicines Agency's decision P/7/2009 issued on 27 January 2009, the decision P/32/2010 issued on 10 March 2010, the decision P/178/2010 issued on 24 September 2010, the decision P/153/2011 issued on 4 July 2011, and the decision P/0181/2013 issued on 31 July 2013,

Having regard to the application submitted by TEVA B.V. on 27 February 2017 under Article 22 of Regulation (EC) No 1901/2006 proposing changes to the agreed paediatric investigation plan with a deferral and a waiver,

Having regard to the opinion of the Paediatric Committee of the European Medicines Agency, issued on 19 May 2017, in accordance with Article 22 of Regulation (EC) No 1901/2006,

Having regard to Article 25 of Regulation (EC) No 1901/2006,

Whereas:

- (1) The Paediatric Committee of the European Medicines Agency has given an opinion on the acceptance of changes to the agreed paediatric investigation plan and to the deferral.
- (2) It is therefore appropriate to adopt a decision on the acceptance of changes to the agreed paediatric investigation plan, including changes to the deferral.

¹ OJ L 378, 27.12.2006, p.1.

² OJ L 136, 30.4.2004, p. 1.

Has adopted this decision:

Article 1

Changes to the agreed paediatric investigation plan for colistimethate sodium (Colobreathe), inhalation powder, hard capsule, inhalation use, including changes to the deferral, are hereby accepted in the scope set out in the opinion of the Paediatric Committee of the European Medicines Agency annexed hereto, together with its appendices.

Article 2

This decision is addressed to TEVA B.V., Swansweg 5, 2013 GA - Haarlem, The Netherlands.

EMA/PDCO/163840/2017

London, 19 May 2017

Opinion of the Paediatric Committee on the acceptance of a modification of an agreed Paediatric Investigation Plan

EMA-000176-PIP01-07-M05

Scope of the application

Active substance(s):

Colistimethate sodium

Invented name:

Colobreathe

Condition(s):

Treatment of *Pseudomonas aeruginosa* pulmonary infection / colonisation in patients with cystic fibrosis

Authorised indication(s):

See Annex II

Pharmaceutical form(s):

Inhalation powder, hard capsule

Route(s) of administration:

Inhalation use

Name / corporate name of the PIP applicant:

TEVA B.V.

Information about the authorised medicinal product:

See Annex II

Basis for opinion

Pursuant to Article 22 of Regulation (EC) No 1901/2006 as amended, TEVA B.V. submitted to the European Medicines Agency on 27 February 2017 an application for modification of the agreed paediatric investigation plan with a deferral and a waiver as set out in the European Medicines Agency's decision P/7/2009 issued on 27 January 2009, the decision P/32/2010 issued on 10 March 2010, the decision P/178/2010 issued on 24 September 2010, the decision P/153/2011 issued on 4 July 2011, and the decision P/0181/2013 issued on 31 July 2013.

The application for modification proposed changes to the agreed paediatric investigation plan and to the deferral.

The procedure started on 21 March 2017.

Scope of the modification

Some measures and timelines of the Paediatric Investigation Plan have been modified.

Opinion

1. The Paediatric Committee, having assessed the application in accordance with Article 22 of Regulation (EC) No 1901/2006 as amended, recommends as set out in the appended summary report:
 - to agree to changes to the paediatric investigation plan and to the deferral in the scope set out in the Annex I of this opinion.

The Norwegian Paediatric Committee member agrees with the above-mentioned recommendation of the Paediatric Committee.

2. The measures and timelines of the paediatric investigation plan and the subset(s) of the paediatric population and condition(s) covered by the waiver are set out in the Annex I.

This opinion is forwarded to the applicant and the Executive Director of the European Medicines Agency, together with its annexes and appendix.

Annex I

The subset(s) of the paediatric population and condition(s) covered by the waiver and the measures and timelines of the agreed paediatric investigation plan (PIP)

1. Waiver

1.1. Condition:

Treatment of *Pseudomonas aeruginosa* pulmonary infection / colonisation in patients with cystic fibrosis

The waiver applies to:

- the paediatric population from birth to less than 6 years;
- for inhalation powder, hard capsule for inhalation use;
- on the grounds that the specific medicinal product is likely to be unsafe because of the difficulties of handling a dry powder inhaler device in this age group and the high amount of powder applied.

2. Paediatric Investigation Plan

2.1. Condition:

Treatment of *Pseudomonas aeruginosa* pulmonary infection / colonisation in patients with cystic fibrosis

2.1.1. Indication(s) targeted by the PIP

Treatment of chronic *Pseudomonas aeruginosa* pulmonary infection / colonisation in patients with cystic fibrosis.

2.1.2. Subset(s) of the paediatric population concerned by the paediatric development

From 6 years to less than 18 years.

2.1.3. Pharmaceutical form(s)

Inhalation powder, hard capsule.

2.1.4. Measures

Area	Number of measures	Description
Quality	0	Not applicable.
Non-clinical	0	Not applicable.
Clinical	5	Measure 1 A pilot study assessing total and regional lung deposition of colistimethate sodium delivered using a dry powder inhaler and a nebuliser device in adult patients with cystic fibrosis.

		Measure 2 An open label study to compare tolerance and bronchial response to nebulised colistimethate sodium and colistimethate sodium dry powder inhalation in healthy adults and adult patients with mild asthma and cystic fibrosis. Measure 3 A randomised, open label study to compare tolerability and bronchial response to nebulised colistimethate sodium and colistimethate sodium dry powder inhalation in adult patients with cystic fibrosis. Measure 4 A randomised, open label cross-over study to compare the safety of a dry powder formulation of inhaled colistimethate sodium and nebulised colistimethate sodium in adult and paediatric cystic fibrosis patients with <i>Pseudomonas aeruginosa</i> lung infection. Measure 5 A randomised, open label study to compare the efficacy and safety of a dry powder formulation of inhaled colistimethate sodium and nebulised TNSFI (Tobramycin nebuliser solution for inhalation, TOBI) in children from 6 to less than 18 years (and adults) with chronic <i>Pseudomonas</i> lung infection (including colonization) with cystic fibrosis. Measure 6 deleted in procedure EMEA-000176-PIP01-07-M05
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3. Follow-up, completion and deferral of PIP

Concerns on potential long term safety and efficacy issues in relation to paediatric use:	Yes
Date of completion of the paediatric investigation plan:	By August 2007
Deferral for one or more measures contained in the paediatric investigation plan:	Yes

Annex II

Information about the authorised medicinal product

Condition(s) and authorised indication(s):

Condition:

1. Treatment of *Pseudomonas aeruginosa* pulmonary infection/colonisation in patients with cystic fibrosis.

Authorised indication(s):

- Colobreathe is indicated for the management of chronic pulmonary infections due to *Pseudomonas aeruginosa* in patients with cystic fibrosis (CF) aged 6 years and older.

Authorised pharmaceutical form(s):

Inhalation powder, hard capsule

Authorised route(s) of administration:

Inhalation use