



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

EMA/265398/2010

European Medicines Agency decision

P/66/2010

of 4 May 2010

on the agreement of a paediatric investigation plan and on the granting of a deferral and on the granting of a waiver for avotermin (EMEA-000634-PIP01-09) 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 application submitted by Renovo Limited on 18 June 2009 under Article 16(1) of Regulation (EC) No 1901/2006 also requesting a deferral under Article 20 of said Regulation and a waiver under Article 13 of said Regulation,

Having regard to the opinion of the Paediatric Committee of the European Medicines Agency, issued on 19 March 2010, in accordance with Article 18 of Regulation (EC) No 1901/2006, and Article 21 of said Regulation, and Article 13 of said Regulation,

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 agreement of a paediatric investigation plan and on the granting of a deferral and on the granting of a waiver,
- (2) It is therefore appropriate to adopt a decision agreeing a paediatric investigation plan,
- (3) It is therefore appropriate to adopt a decision granting a deferral,
- (4) It is therefore appropriate to adopt a decision granting a waiver.

¹ OJ L 378, 27.12.2006, p.1.

² OJ L 136, 30.4.2004, p. 1.

Has adopted this decision:

Article 1

A paediatric investigation plan for avotermin, powder for solution for injection, intradermal use, the details of which are set out in the opinion of the Paediatric Committee of the European Medicines Agency annexed hereto, together with its appendices, is hereby agreed.

Article 2

A deferral for avotermin, powder for solution for injection, intradermal use, the details of which are set out in the opinion of the Paediatric Committee of the European Medicines Agency annexed hereto, together with its appendices, is hereby granted.

Article 3

A waiver for avotermin, powder for solution for injection, intradermal use, the details of which are set out in the opinion of the Paediatric Committee of the European Medicines Agency annexed hereto, together with its appendices, is hereby granted.

Article 4

This decision is addressed to Renovo Ltd., Core Technology Facility, 48 Grafton Street, Manchester, M13 9XX, United Kingdom.

Done at London, 4 May 2010

For the European Medicines Agency
Thomas Lönngren
Executive Director

(Signature on file)

EMA/PDCO/151848/2010

Opinion of the Paediatric Committee on the agreement of a Paediatric Investigation Plan and a deferral and a waiver

EMA-000634-PIP01-09

Scope of the application

Active substance(s):

Avotermin

Condition(s):

Hypertrophic disorders of skin and keloid scars

Scar conditions and fibrosis of the skin

Pharmaceutical form(s):

Powder for solution for injection

Route(s) of administration:

Intradermal use

Name/corporate name of the PIP applicant:

Renovo Limited

Basis for opinion

Pursuant to Article 16(1) of Regulation (EC) No 1901/2006 as amended, Renovo Limited submitted for agreement to the European Medicines Agency on 18 June 2009 an application for a paediatric investigation plan for the above mentioned medicinal product and a deferral under Article 20 of said Regulation and a waiver under Article 13 of said Regulation.

The procedure started on 23 July 2009.

Supplementary information was provided by the applicant on 4 January 2010.

Opinion

1. The Paediatric Committee, having assessed the proposed paediatric investigation plan in accordance with Article 17 of Regulation (EC) No 1901/2006 as amended, recommends as set out in the appended summary report:

- to agree the paediatric investigation plan in accordance with Article 18 of said Regulation,
- to grant a deferral in accordance with Article 21 of said Regulation,
- to grant a waiver for one or more subsets of the paediatric population in accordance with Article 13 of said Regulation and concluded in accordance with Article 11(1)(c) of said Regulation, on the grounds that the specific medicinal product does not represent a significant therapeutic benefit over existing treatments for paediatric patients.

The Norwegian Paediatric Committee member(s) agree(s) with the above-mentioned recommendation of the Paediatric Committee.

2. The measures and timelines of the agreed 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 annex(es) and appendix.

London, 19 March 2010

On behalf of the Paediatric Committee
Dr Daniel Brasseur, Chairman

(Signature on file)

Annex I

The measures and timelines of the agreed Paediatric Investigation Plan and the subset(s) of the paediatric population and condition(s) covered by the waiver

1. Condition(s)

Hypertrophic disorders of skin and keloid scars

Scar conditions and fibrosis of the skin

2. Waiver

Condition

Hypertrophic disorders of skin and keloid scars

The waiver applies to:

- The paediatric population from birth to less than 24 months and from 14 to less than 18 years of age
- for powder for solution for injection for intradermal use
- on the grounds that clinical studies cannot be expected to be of significant therapeutic benefit to or fulfil a therapeutic need of the paediatric population.

Condition

Scar conditions and fibrosis of the skin

The waiver applies to:

- The paediatric population from birth to less than 24 months and from 14 to less than 18 years of age
- for powder for solution for injection for intradermal use
- on the grounds that clinical studies cannot be expected to be of significant therapeutic benefit to or fulfil a therapeutic need of the paediatric population.

3. Paediatric Investigation Plan

3.1. Condition to be investigated

Hypertrophic disorders of skin and keloid scars

Scar conditions and fibrosis of the skin

3.1.1. Indication targeted by the PIP

Prevention of disfiguring normotrophic and/or hypertrophic scar appearance following scar revision therapy

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

From 2 to less than 14 years of age.

3.1.3. Pharmaceutical form(s)

Powder for solution for injection for intradermal use

3.1.4. Studies

Area	Number of studies	Description
Quality	1	Study 1) Development of an age appropriate single dose formulation.
Non-clinical	1	Study 2) Pre- and postnatal development and juvenile toxicity study in rats Study 3) Tumorigenicity study in mice to evaluate the ability of avotermin to promote tumour progression
Clinical	3	Study 4) Double-blind, placebo controlled, randomised trial to compare the efficacy of 250ng and 500ng RN1006 (a new single dose formulation of avotermin) and 250ng and 500ng of the standard avotermin formulation in healthy volunteer subjects Study 5) Double blind, placebo controlled, randomised, parallel group design clinical trial to investigate the safety and tolerability of single-dose avotermin in children from 2 to less than 14 years of age Study 6) Double blind, placebo controlled, randomised, intra-patient design clinical trial to investigate the clinical efficacy of a single-dose of avotermin in improving scar appearance following scar revision surgery in children from 2 to less than 14 years of age

4. Follow-up, completion and deferral of PIP

Measures to address long term follow-up of potential safety issues in relation to paediatric use:	Yes
Date of completion of the paediatric investigation plan:	By December 2019
Deferral for one or more studies contained in the paediatric investigation plan:	Yes