



EUROPEAN MEDICINES AGENCY  
SCIENCE MEDICINES HEALTH

14 September 2017  
EMA/CHMP/532447/2017  
Committee for Medicinal Products for Human Use (CHMP)

## Summary of opinion<sup>1</sup> (initial authorisation)

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### Cyltezo adalimumab

On 14 September 2017, the Committee for Medicinal Products for Human Use (CHMP) adopted a positive opinion, recommending the granting of a marketing authorisation for the medicinal product Cyltezo, intended for the treatment of rheumatoid arthritis, juvenile idiopathic arthritis, axial spondyloarthritis, psoriatic arthritis, psoriasis, paediatric plaque psoriasis, hidradenitis suppurativa, Crohn's disease, paediatric Crohn's disease, ulcerative colitis and uveitis. The applicant for this medicinal product is Boehringer Ingelheim International GmbH.

Cyltezo will be available as a 40 mg solution for injection. The active substance of Cyltezo is adalimumab, a monoclonal antibody (ATC code: L04AB04). Adalimumab binds to tumour necrosis factor (TNF) and neutralises its biological function by blocking its interaction with the p55 and p75 cell surface TNF receptors. Adalimumab also modulates biological responses that are induced or regulated by TNF $\alpha$ , including changes in the levels of adhesion molecules responsible for leucocyte migration (ELAM-1, VCAM-1, and ICAM-1).

Cyltezo is a biosimilar medicinal product. It is highly similar to the reference product Humira (adalimumab), which was authorised in the EU on 8 September 2003. Data show that Cyltezo has comparable quality, safety and efficacy to Humira (adalimumab). More information on biosimilar medicines can be found [here](#).

The full indication is:

"Rheumatoid arthritis

Cyltezo in combination with methotrexate, is indicated for:

- the treatment of moderate to severe, active rheumatoid arthritis in adult patients when the response to disease-modifying anti-rheumatic drugs including methotrexate has been inadequate.
- the treatment of severe, active and progressive rheumatoid arthritis in adults not previously treated with methotrexate.

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<sup>1</sup> Summaries of positive opinion are published without prejudice to the Commission decision, which will normally be issued 67 days from adoption of the opinion



Cyltezo can be given as monotherapy in case of intolerance to methotrexate or when continued treatment with methotrexate is inappropriate.

Cyltezo reduces the rate of progression of joint damage as measured by X-ray and improves physical function, when given in combination with methotrexate.

#### Juvenile idiopathic arthritis

##### *Polyarticular juvenile idiopathic arthritis*

Adalimumab in combination with methotrexate is indicated for the treatment of active polyarticular juvenile idiopathic arthritis, in patients from the age of 2 years who have had an inadequate response to one or more disease-modifying anti-rheumatic drugs (DMARDs).

Adalimumab can be given as monotherapy in case of intolerance to methotrexate or when continued treatment with methotrexate is inappropriate (for the efficacy in monotherapy see section 5.1). Adalimumab has not been studied in patients aged less than 2 years.

##### *Enthesitis-related arthritis*

Adalimumab is indicated for the treatment of active enthesitis-related arthritis in patients, 6 years of age and older, who have had an inadequate response to, or who are intolerant of, conventional therapy (see section 5.1).

#### Axial spondyloarthritis

##### *Ankylosing spondylitis (AS)*

Cyltezo is indicated for the treatment of adults with severe active ankylosing spondylitis who have had an inadequate response to conventional therapy.

##### *Axial spondyloarthritis without radiographic evidence of AS*

Cyltezo is indicated for the treatment of adults with severe axial spondyloarthritis without radiographic evidence of AS but with objective signs of inflammation by elevated CRP and/or MRI, who have had an inadequate response to, or are intolerant to nonsteroidal anti-inflammatory drugs.

#### Psoriatic arthritis

Cyltezo is indicated for the treatment of active and progressive psoriatic arthritis in adults when the response to previous disease-modifying anti-rheumatic drug therapy has been inadequate.

Adalimumab has been shown to reduce the rate of progression of peripheral joint damage as measured by X-ray in patients with polyarticular symmetrical subtypes of the disease (see Section 5.1) and to improve physical function.

#### Psoriasis

Cyltezo is indicated for the treatment of moderate to severe chronic plaque psoriasis in adult patients who are candidates for systemic therapy.

#### Paediatric plaque psoriasis

Cyltezo is indicated for the treatment of severe chronic plaque psoriasis in children and adolescents from 4 years of age who have had an inadequate response to or are inappropriate candidates for topical therapy and phototherapies.

#### Hidradenitis suppurativa (HS)

Cyltezo is indicated for the treatment of active moderate to severe hidradenitis suppurativa (acne

inversa) in adults and adolescents from 12 years of age with an inadequate response to conventional systemic HS therapy (see sections 5.1 and 5.2).

#### Crohn's disease

Cyltezo is indicated for treatment of moderately to severely active Crohn's disease, in adult patients who have not responded despite a full and adequate course of therapy with a corticosteroid and/or an immunosuppressant; or who are intolerant to or have medical contraindications for such therapies.

#### Paediatric Crohn's disease

Cyltezo is indicated for the treatment of moderately to severely active Crohn's disease in paediatric patients (from 6 years of age) who have had an inadequate response to conventional therapy including primary nutrition therapy and a corticosteroid and/or an immunomodulator, or who are intolerant to or have contraindications for such therapies.

#### Ulcerative colitis

Cyltezo is indicated for treatment of moderately to severely active ulcerative colitis in adult patients who have had an inadequate response to conventional therapy including corticosteroids and 6-mercaptopurine (6-MP) or azathioprine (AZA), or who are intolerant to or have medical contraindications for such therapies.

#### Uveitis

Cyltezo is indicated for the treatment of non-infectious intermediate, posterior and panuveitis in adult patients who have had an inadequate response to corticosteroids, in patients in need of corticosteroid-sparing, or in whom corticosteroid treatment is inappropriate."

Cyltezo treatment should be initiated and supervised by specialist physicians experienced in the diagnosis and treatment of conditions for which it is indicated.

Detailed recommendations for the use of this product will be described in the summary of product characteristics (SmPC), which will be published in the European public assessment report (EPAR) and made available in all official European Union languages after the marketing authorisation has been granted by the European Commission.