

Zilucoplan (myasthenia gravis, AChR antibody+)

Resolution of: 15 August 2024
Entry into force on: 15 August 2024
Federal Gazette, BAnz AT 17 09 2024 B3

Valid until: unlimited

Therapeutic indication (according to the marketing authorisation of 01 December 2023):

Zilbrysq is indicated as an add-on to standard therapy for the treatment of generalised myasthenia gravis (gMG) in adult patients who are anti-acetylcholine receptor (AChR) antibody positive.

Therapeutic indication of the resolution (resolution of 15 August 2024):

See therapeutic indication according to marketing authorisation.

1. Additional benefit of the medicinal product in relation to the appropriate comparator therapy

Adults with anti-acetylcholine receptor antibody-positive generalised myasthenia gravis who are eligible for an add-on to standard therapy

Appropriate comparator therapy for zilucoplan as an adjuvant treatment to standard therapy:

- Eculizumab (for refractory patients) or efgartigimod alfa or ravulizumab

Extent and probability of the additional benefit of zilucoplan compared to the appropriate comparator therapy:

An additional benefit is not proven.

Study results according to endpoints:¹

Adults with anti-acetylcholine receptor antibody-positive generalised myasthenia gravis who are eligible for an add-on to standard therapy

There are no assessable data.

¹ Data from the dossier assessment of the Institute for Quality and Efficiency in Health Care (IQWiG) (A24-26) unless otherwise indicated.

Summary of results for relevant clinical endpoints

Endpoint category	Direction of effect/ risk of bias	Summary
Mortality	n.a.	There are no assessable data.
Morbidity	n.a.	There are no assessable data.
Health-related quality of life	n.a.	There are no assessable data.
Side effects	n.a.	There are no assessable data.
Explanations: ↑: statistically significant and relevant positive effect with low/unclear reliability of data ↓: statistically significant and relevant negative effect with low/unclear reliability of data ↑↑: statistically significant and relevant positive effect with high reliability of data ↓↓: statistically significant and relevant negative effect with high reliability of data ↔: no statistically significant or relevant difference ∅: No data available. n.a.: not assessable		

2. Number of patients or demarcation of patient groups eligible for treatment

Adults with anti-acetylcholine receptor antibody-positive generalised myasthenia gravis who are eligible for an add-on to standard therapy

Approx. 6,300 - 19,000 patients

3. Requirements for a quality-assured application

The requirements in the product information are to be taken into account. The European Medicines Agency (EMA) provides the contents of the product information (summary of product characteristics, SmPC) for zilbrysq (active ingredient: zilucoplan) agreed upon in the context of the marketing authorisation at the following publicly accessible link (last access: 25 June 2024):

https://www.ema.europa.eu/en/documents/product-information/zilbrysq-epar-product-information_en.pdf

Treatment with zilucoplan should only be initiated and monitored by doctors experienced in treating neuromuscular diseases.

In accordance with the European Medicines Agency (EMA) requirements regarding additional risk minimisation measures, the pharmaceutical company must provide training material that contains information for medical professionals and patients (incl. patient identification card). In particular, the training material contains information and warnings regarding the increased risk of meningococcal infection under zilucoplan.

4. Treatment costs

Annual treatment costs:

Adults with anti-acetylcholine receptor antibody-positive generalised myasthenia gravis who are eligible for an add-on to standard therapy

Designation of the therapy	Annual treatment costs/ patient
Medicinal product to be assessed:	
Zilucoplan	€ 337,353.60
Appropriate comparator therapy:	
Eculizumab	€ 505,317.31 - € 673,756.42
Efgartigimod alfa	€ 66,801.76 - € 494,333.02
Ravulizumab	€ 331,003.14

Costs after deduction of statutory rebates (LAUER-TAXE®) as last revised: 15 July 2024)

Costs for additionally required SHI services: not applicable

Other SHI services:

Designation of the therapy	Type of service	Costs/ unit	Number/ cycle	Number/ patient / year	Costs/ patient / year
Appropriate comparator therapy					
Ravulizumab	Surcharge for the preparation of a parenteral solution containing monoclonal antibodies	€ 100	1	6.5	€ 650
Eculizumab	Surcharge for the preparation of a parenteral solution containing monoclonal antibodies	€ 100	1	22.8 - 30.4	€ 2,280 - € 3,040

5. Designation of medicinal products with new active ingredients according to Section 35a, paragraph 3, sentence 4 SGB V that can be used in a combination therapy with the assessed medicinal product

In the context of the designation of medicinal products with new active ingredients pursuant to Section 35a, paragraph 3, sentence 4 SGB V, the following findings are made:

Adults with anti-acetylcholine receptor antibody-positive generalised myasthenia gravis who are eligible for an add-on to standard therapy

- No medicinal product with new active ingredients that can be used in a combination therapy and fulfils the requirements of Section 35a, paragraph 3, sentence 4 SGB V.

The designation of combinations exclusively serves the implementation of the combination discount according to Section 130e SGB V between health insurance funds and pharmaceutical companies. The findings made neither restrict the scope of treatment required to fulfil the medical treatment mandate, nor do they make statements about expediency or economic feasibility.