

**Bimekizumab** (new therapeutic indication: ankylosing spondylitis)

Resolution of: 21 December 2023 valid until: unlimited  
Entry into force on: 21 December 2023  
Federal Gazette, BAnz AT 12 02 2024 B2

**New therapeutic indication (according to the marketing authorisation of 5 June 2023):**

Bimzelx is indicated for the treatment of adults with active ankylosing spondylitis who have responded inadequately or are intolerant to conventional therapy.

**Therapeutic indication of the resolution (resolution of 21 December 2023):**

See new therapeutic indication according to marketing authorisation.

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

a) Adults with active ankylosing spondylitis who have responded inadequately or are intolerant to conventional therapy

**Appropriate comparator therapy for bimekizumab:**

- a TNF- $\alpha$  inhibitor (adalimumab or certolizumab pegol or etanercept or golimumab or infliximab) or an IL17 inhibitor (secukinumab or ixekizumab)

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

An additional benefit is not proven.

b) Adults with active ankylosing spondylitis who have had an inadequate response or who have been intolerant to a prior biological disease-modifying antirheumatic drug (bDMARD) therapy

**Appropriate comparator therapy for bimekizumab:**

- Switching to a different biological disease-modifying antirheumatic drug: TNF- $\alpha$  inhibitor (adalimumab or certolizumab pegol or etanercept or golimumab or infliximab) or IL17 inhibitor (secukinumab or ixekizumab)

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

An additional benefit is not proven.

### Study results according to endpoints:<sup>1</sup>

- a) Adults with active ankylosing spondylitis who have responded inadequately or are intolerant to conventional therapy

There are no assessable data.

#### 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		

- b) Adults with active ankylosing spondylitis who have had an inadequate response or who have been intolerant to a prior biological disease-modifying antirheumatic drug (bDMARD) therapy

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<sup>1</sup> Data from the dossier assessment of the Institute for Quality and Efficiency in Health Care (IQWiG) (A23-61) unless otherwise indicated.

↑↑: 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

- a) Adults with active ankylosing spondylitis who have responded inadequately or are intolerant to conventional therapy

approx. 10,700 patients

- b) Adults with active ankylosing spondylitis who have had an inadequate response or who have been intolerant to a prior biological disease-modifying antirheumatic drug (bDMARD) therapy

approx. 6,100 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 Bimzelx (active ingredient: bimekizumab) at the following publicly accessible link (last access: 28 September 2023):

[https://www.ema.europa.eu/en/documents/product-information/bimzelx-epar-product-information\\_en.pdf](https://www.ema.europa.eu/en/documents/product-information/bimzelx-epar-product-information_en.pdf)

Treatment with bimekizumab should only be initiated and monitored by doctors experienced in treating ankylosing spondylitis.

## 4. Treatment costs

### Annual treatment costs:

- a) Adults with active ankylosing spondylitis who have responded inadequately or are intolerant to conventional therapy

and

- b) Adults with active ankylosing spondylitis who have had an inadequate response or who have been intolerant to a prior biological disease-modifying antirheumatic drug (bDMARD) therapy

Designation of the therapy	Annual treatment costs/ patient
Medicinal product to be assessed:	
Bimekizumab	€ 18,700.37
Additionally required SHI services:	€ 74.78
Total:	€ 18,775.15
Appropriate comparator therapy:	
Adalimumab	€ 11,434.54
Additionally required SHI services:	€ 181.18
Total:	€ 11,615.72
Certolizumab pegol	€ 12,381.20 - € 12,428.82
Additionally required SHI services:	€ 181.18
Total:	€ 12,562.38 - € 12,610.00
Etanercept	€ 11,412.64
Additionally required SHI services:	€ 181.18
Total:	€ 11,593.82
Golimumab	€ 10,415.84
Additionally required SHI services:	€ 181.18
Total:	€ 10,597.02
Infliximab	€ 16,177.17
Additionally required SHI services:	€ 181.18
Total:	€ 16,358.35
Ixekizumab	€ 16,583.41
Secukinumab	€ 8,929.06 - € 17,858.12

Costs after deduction of statutory rebates (LAUER-TAXE®) as last revised: 1 December 2023

##### **5. 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 Bimekizumab**

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:

- a) Adults with active ankylosing spondylitis who have responded inadequately or are intolerant to conventional therapy
  - No medicinal product with new active ingredients that can be used in a combination therapy that fulfils the requirements of Section 35a, paragraph 3, sentence 4 SGB V.
- b) Adults with active ankylosing spondylitis who have had an inadequate response or who have been intolerant to a prior biological disease-modifying antirheumatic drug (bDMARD) therapy
  - No medicinal product with new active ingredients that can be used in a combination therapy that 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.