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# ECONOMIC IMPACT ASSOCIATED TO BIOLOGICAL THERAPY OPTIMISATION IN PATIENTS WITH PSORIASIS

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## Background and Importance

Optimisation of biological therapies is a frequent clinical practice to treat psoriasis in clinically controlled patients. The target is to guarantee effectiveness, improving adherence, reducing adverse effects (e.g. injection site reaction) and minimising associated costs

## Aim and Objectives

To estimate the economic impact of optimising the use of biological treatment in patients with psoriasis disease.

## Material and Methods

Retrospective study (1- July-2023 to 31-June-2024)

- Variables**
- Biological agent
  - Dose regimens
  - Treatment costs

Patients  $\geq 18$  years with plaque psoriasis treated with **optimised biological therapies** for at least 12 months

### Eligible patients

Adequate response  $\geq 6$  months:

1	Psoriasis Area Severity Index (PASI) $\leq 3$
2	Body Surface Area (BSA) $< 3\%$
3	Physician Global Assessment (PGA) = 0-1
4	Dermatology Life Quality Index (DLQI) $< 5$

### Excluded patients

Those with treatment discontinuations because of adequate disease control

★ **Optimised therapies:** treatments with dose reduction or extended dosing regimens according to the summary of product characteristics

## Results

📌 **482 patients reviewed**  
📌 13.3% optimised

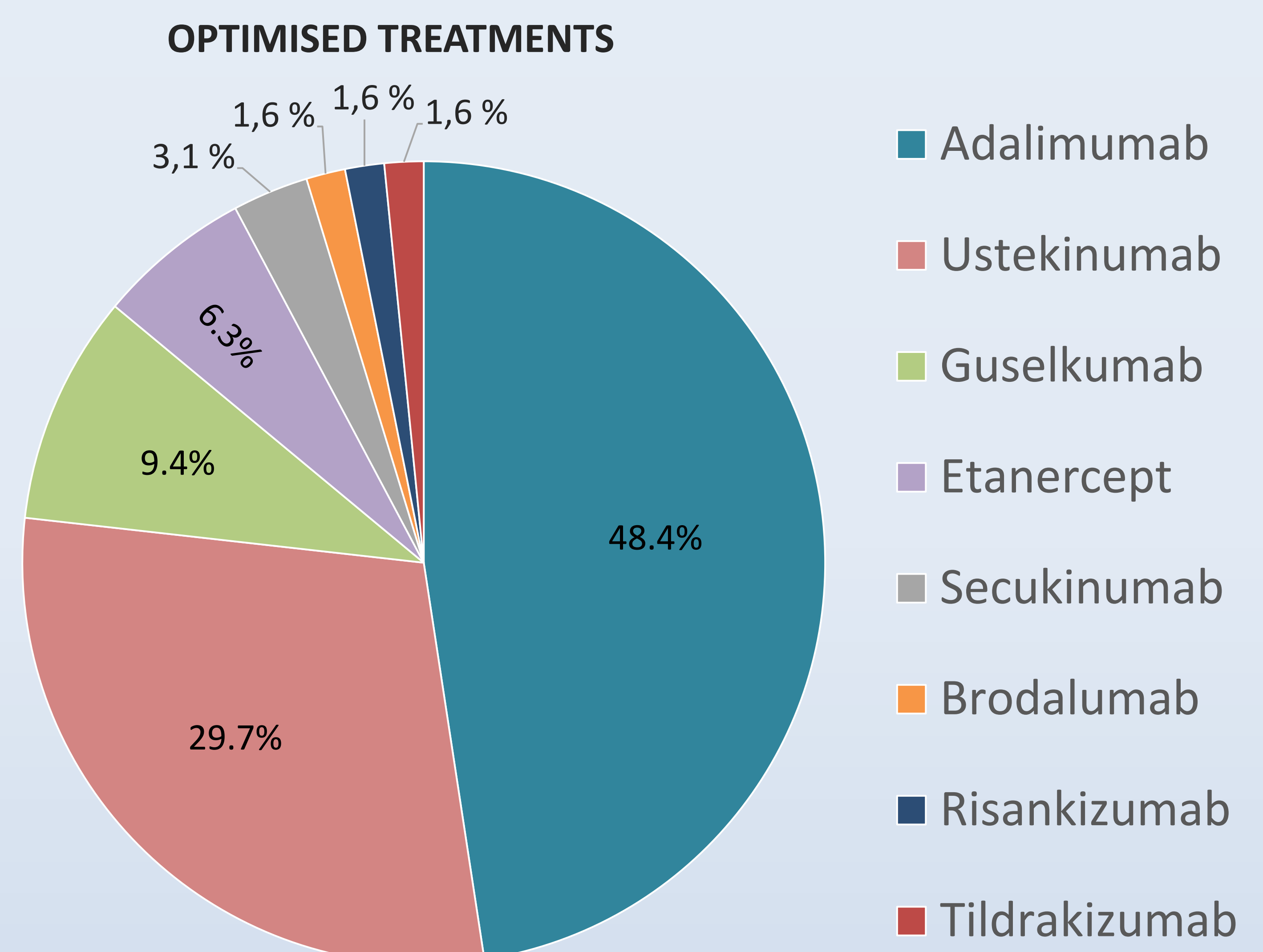
✓ 100% of optimised patients in **remission**

### Total cost:

- Optimised therapy: €252.657,40
- Conventional therapy: €350.338,20

💰 **Cost reduction:** 27.9% (€97.680,8 savings in 12 months)

📌 **Drug administrations avoided:** 580



## Conclusion and Relevance

In patients with plaque psoriasis, optimisation of biological therapies is a strategy to **reduce costs and adverse effects** by decreasing the number of drug administrations, **maintaining the effectiveness.**



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