

ECONOMIC IMPACT GENERATED BY NATALIZUMAB OPTIMIZATION

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Background and importance

Administration of natalizumab is every 4 weeks, but the neurologists at our hospital have optimized the administration every 5 or 6 weeks.

Aim and Objectives

To evaluate economic impact from natalizumab optimization.

MATERIALS AND METHODS

Retrospective observational economic study performed in a third level hospital between January 2019 and June 2022

Time: January 2019- June 2022.

Tools



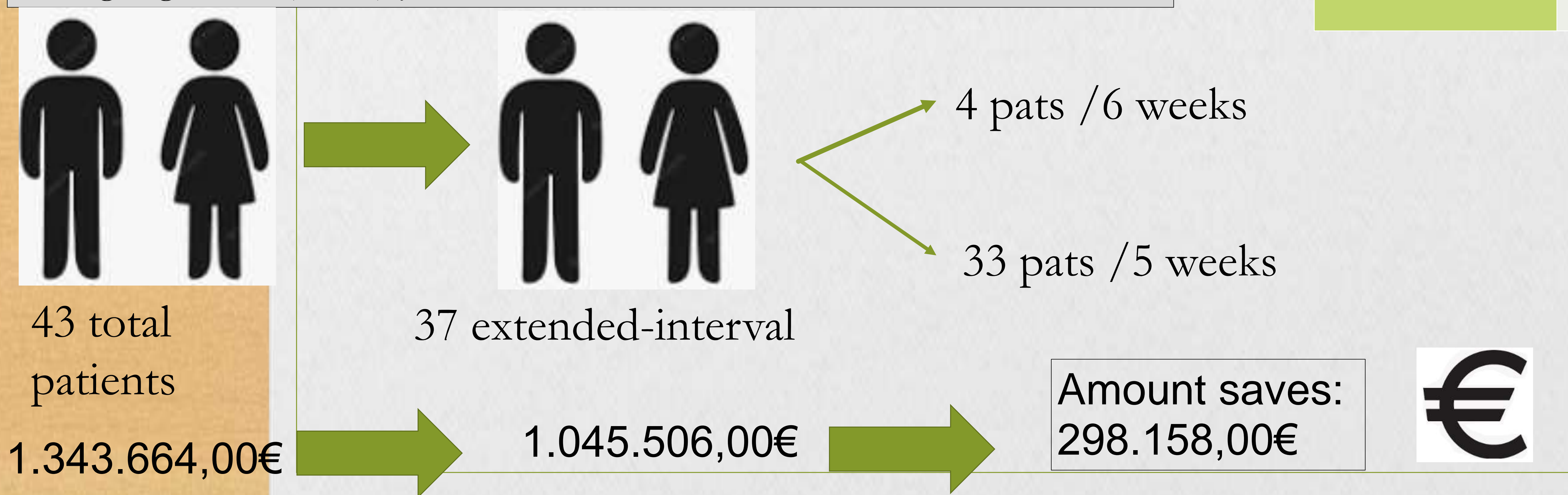
DATA	
Demographic	Sex
	Age
Clinical	Posology treatment
Economic	Laboratory purchase price

RESULTS

Patients N=37

Sex: 64,8 % women

Average age: 41,2 (23-65) years



Conclusion and Relevance

Natalizumab's optimisation with administration each 5 weeks has meant a total saving of 10.521,76€,

REFERENCES

Chang I, Muralidharan KK, Campbell N, Ho PR. Modeling the Efficacy of Natalizumab in Multiple Sclerosis Patients Who Switch From Every-4-Week Dosing to Extended-Interval Dosing. J Clin Pharmacol. 2021 Mar;61(3):339-348. doi: 10.1002/jcph.1737. Epub 2020 Sep 19. PMID: 32949472; PMCID: PMC7891569.



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