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Tacrolimus and mycophenolate mofetil as second-line treatment in autoimmune hepatitis: Is the evidence of sufficient quality to develop recommendations?

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Abstract

BACKGROUND

The standard management of autoimmune hepatitis (AIH) is based on corticosteroids, alone or in combination with azathioprine. Second-line treatments are needed for patients who have refractory disease. However, high-quality data on the alternative management of AIH are scarce.

AIM

To evaluate the efficacy and safety of tacrolimus and mycophenolate mofetil (MMF) and the quality of evidence by using the Grading of Recommendations Assessment, Development and Evaluation approach (GRADE).

Match Overview

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6826525>

Aug 25, 2019 · Efe C, Hagstrom H, Ytting H, et al. **Efficacy** and safety of **mycophenolate mofetil** and **tacrolimus as second-line** therapy for patients with **autoimmune hepatitis**. Clin Gastroenterol Hepatol 2017; 15: 1950–6.e1. [Google Scholar]

Cited by: 3

Author: Simon Pape, Christoph Schramm, Tom ...

Publish Year: 2019

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https://www.researchgate.net/publication/323944185_Tacrolimus_and_Mycophenolate...

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Background We studied the **efficacy** and safety of **mycophenolate mofetil** (MMF) and **tacrolimus as second-line** therapy in pediatric patients with **autoimmune hepatitis** (AIH) ...

Second-line and Third-line therapy for Autoimmune ...

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Jul 21, 2020 · Insufficient response. **Treatment** aim in every patient with **autoimmune hepatitis** is prevention of progressive liver disease. Lack of progression, and even regression of fibrosis, is observed in more or less all patients with full biochemical remission defined as normal transaminases and normal IgG levels. 13-16,20 It is uncertain whether histological proof of remission by demonstration of no or ...

Author: Ansgar W. Lohse, Marcial Sebode, Mari... **Publish Year:** 2020

[Difficult treatment decisions in autoimmune hepatitis](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2828597)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2828597>

Feb 28, 2010 · INTRODUCTION. Corticosteroid therapy is established as an effective **treatment** for **autoimmune hepatitis**[1-3].It induces clinical, laboratory and histological remission in 80% of patients within 3 years[2,4]; the 10- and 20-year life expectancies of treated patients exceed 80%[5-7]; hepatic fibrosis is reduced or prevented in 79%[8,9]; and variceal hemorrhage, death from hepatic failure, and ...

Cited by: 87 **Author:** Albert J Czaja

Publish Year: 2010

[Expert clinical management of autoimmune hepatitis in the ...](https://onlinelibrary.wiley.com/doi/full/10.1111/apt.13907)

<https://onlinelibrary.wiley.com/doi/full/10.1111/apt.13907>

Dec 22, 2016 · Overall, the large majority of hepatologists (n = 31) reported to have any experience with **second-line** medication in the management of AIH. **Mycophenolate mofetil** is the most widely used **second-line** agent (n = ~450, 28 centres). **Tacrolimus** (n = ~115, 21 centres) and ciclosporin (n = ~112, 18 centres) are less often reported.

Cited by: 35 **Author:** R. Liberal, Y. S. de Boer, R. J. Andrade, G. B...

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Jul 01, 2007 · Background We studied the efficacy and safety of **mycophenolate mofetil** (MMF) and **tacrolimus** as **second-line** therapy in pediatric patients with **autoimmune hepatitis** (AIH) who were intolerant or non ...



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Jul 21, 2020 · Insufficient response. **Treatment** aim in every patient with **autoimmune hepatitis** is prevention of progressive liver disease. Lack of progression, and even regression of fibrosis, is observed in more or less all patients with full biochemical remission defined as normal transaminases and normal IgG levels. 13-16,20 It is uncertain whether histological proof of remission by demonstration of no or ...

Author: Ansgar W. Lohse, Marcial Sebode, M... **Publish Year:** 2020

Mycophenolate mofetil as second line therapy in Autoimmune ...

<https://www.researchgate.net/publication/315256834...>

Regarding the management of difficult-to-treat patients, **mycophenolate mofetil** is the most widely used **second-line** agent (n=~450 in 28 centres), whereas, **tacrolimus** (n=~115 in 21 centres) and ...

Expert clinical management of autoimmune hepatitis in the ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/apt.13907>

Dec 22, 2016 · Overall, the large majority of hepatologists (n = 31) reported to have any experience with **second-line** medication in the management of AIH. **Mycophenolate mofetil** is the most widely used **second-line** agent (n = ~450, 28 centres). **Tacrolimus** (n = ~115, 21 centres) and ciclosporin (n = ~112, 18 centres) are less often reported.

Cited by: 55 **Author:** R. Liberal, Y. S. de Boer, R. J. Andrade, ...

Publish Year: 2017

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Jul 01, 2007 · Background We studied the efficacy and safety of **mycophenolate mofetil** (MMF) and **tacrolimus** as second-line therapy in pediatric patients with autoimmune hepatitis (AIH) who were