

Does therapeutic plasma exchange improve intensive care outcomes in autoimmune neurological disease?



Objective

Evaluate the impact of therapeutic plasma exchange on outcomes in ICU



Adam Malik Hospital,
Medan, Indonesia



Retrospective analytical
study



22 ventilated patients with
autoimmune neurological
disorders treated with plasma
exchange

Conclusion: Therapeutic plasma exchange was associated with short-term neurological improvement in ventilated patients. Prospective studies are needed to define optimal protocols and long-term outcomes.



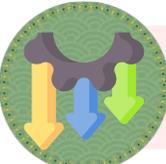
16 Myasthenia
Gravis



9 Guillain–Barré
Syndrome



No significant baseline differences between groups



Significant reduction in Myasthenia Composite Scale
after plasma exchange

$p < 0.05$



Overall clinical improvement



No significant difference between disease groups in comparative
analysis



Retrospective design and small sample limit causal inference

Lubis, et al

Visual abstract by **Cristina Popa**
✂ @nephroseeker