Nebulised Taurolidine


Introduction

Taurolidine is an unlicensed product available as an intraperitoneal lavage (Taurolin®). It acts as an antibiotic and an anti-endotoxin with a broad spectrum of activity against Gram negative and positive bacteria and fungi. Taurolidine is active in vitro against *P. aeruginosa* and *Burkholderia Cepacia Complex* (Bcc) (Perry *et al*, 2002) but a four week randomised, double-blind, placebo controlled trial of 4mls nebulised taurolidine solution 2% versus saline solution in 20 adult patients with CF showed no in-vivo anti-Bcc activity (Ledson *et al*, 2002). Successful Bcc eradication has been reported in a non-CF patient (Ledson *et al*, 2000). Taurolidine may cause bronchospasm, cough or a mild ‘burning’ sensation in the throat. An initial test dose should be given. Care is advised in renal insufficiency.

Key points

• Taurolidine is active in vitro against *P. aeruginosa* and Bcc

• Taurolidine is an unlicensed product

References

