Ertapenem OPAT was effective and safe. Caregivers in nursing homes should be better trained in OPAT-related procedures”

Abstract:

AIM: To evaluate the effectiveness and safety of ertapenem in patients hospitalized at home.

PATIENTS & METHODS: Retrospective analysis of data from Spanish Outpatient Parenteral Antimicrobial Therapy (OPAT) registry.

RESULTS: Data from 1428 patients (median age 70 years; 5.4% institutionalized) and 1547 infectious processes (24% self-administration) were analyzed. Clinical cure or improvement was achieved in 93.8% of cases. Rate of related readmissions was 4.2%, of clinically important complications -3.9%, and of adverse drug reactions -3.2%. High comorbidity burden, contagion in nursing home and certain types of infection were associated with worse prognosis. Self-administration was effective and safe, except in case of nursing home-acquired infections.

CONCLUSION: Ertapenem OPAT was effective and safe. Caregivers in nursing homes should be better trained in OPAT-related procedures.
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