



# 13087-Review

BY BRIAN L ERSTAD

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Name of journal: World Journal of Critical Care Medicine

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## Designing Drug Regimens for Special ICU Populations

Brian L Erstad

### Abstract

This review is intended to help clinicians design drug regimens for special populations of critically ill patients with extremes of body size, habitus and composition that make drug choice or dosing particularly challenging due to the lack of high-level evidence on which to make well-informed clinical decisions. The data sources included a literature search of MEDLINE and EMBASE with reviews of reference lists of retrieved articles. Abstracts of original research investigations and review papers were

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Designing drug regimens for special ICU populations



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... of sedation regimens in a general ICU population: a reality-based medicine study ... to allow power calculations for future studies and to evaluate study design.

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Treatment is with multiple antimicrobial drugs given for at least 6 mo. ... About one third of the world's population is infected (based on tuberculin skin testing surveys). ... The following newer rifamycins are available for special situations: ... Designing a treatment regimen for XDR-TB becomes even more challenging, often ...

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To provide the highest quality patient care, an intensive care unit (ICU) must constantly ... Sedatives are amongst the most commonly prescribed drugs in ICUs and ... We set out to compare these two regimens in our patient population in a pilot ... to allow power