



Title	Multiple Daily Dose Gentamicin Regimen for Adults
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Update BNF version and clarification of IV route	June 2021

Uncontrolled when printed

Multiple Daily Dose Gentamicin Regimen for Adults

Indication

Where extended interval dosing contraindicated but **not for synergistic use** (see synergistic gentamicin use in endocarditis guidance). Consult Microbiology for advice.

Dosing

3-5 mg/kg IV daily in three divided doses every 8 hours

Contact Pharmacy for advice

Monitoring.

In patients with normal renal function, measure gentamicin levels after 3 or 4 doses and after a dose change.

Take blood samples approximately one hour after administration (“peak” concentration) and also just before the dose (“trough” concentration).

One hour (peak) serum concentration should be 5-10 mg/litre; pre-dose (trough) concentration should be less than 2 mg/litre. Seek advice if results are not within the target range.

Reference: BNF 80