

EXTENDED INTERVAL GENTAMICIN DOSING

MYASTHENIA GRAVIS - CONTRAINDICATED

Golden Rules

Always follow local guidelines

Always discuss with
Microbiology or Pharmacy
if unsure

Renal Dysfunction

- Renal impairment ($\text{CrCl} < 20\text{ml/min}$)
- Unstable / deteriorating renal function

Consider dose change / alternative agent

DRUG PROPERTIES

- Aminoglycoside antibiotic
- Activity against **Aerobic** Gram-negative and some Gram-positive bacteria

DOSE

5mg/kg
Max 480mg

3mg/kg in
renal failure

Ideal Body weight

Obese

Underweight

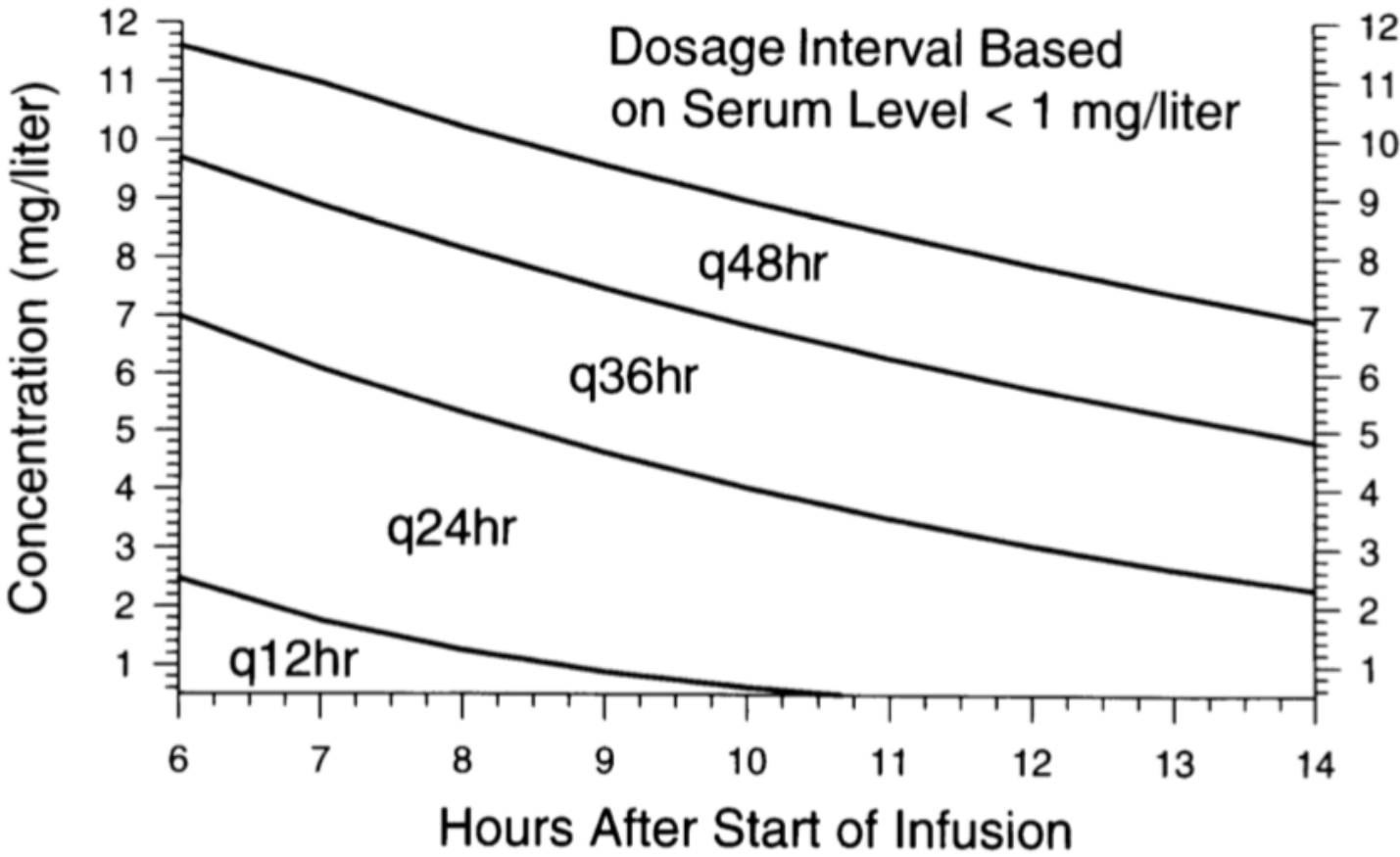
Adjusted Body
Weight

Actual Body
Weight

DOSING INTERVAL

Gentamicin Level **6-14 hours** after **1st dose**

Use Urban & Craig Nomogram to calculate dosing interval



Note: If point falls on the line, use the **Longer** time interval

MONITORING

Consult local hospital guidelines regarding on-going **Gentamicin** and **Renal Function** monitoring intervals

General rule: Monitor more regularly if Renal Function unstable