

Ganzoli Equation for calculating iron deficit

For patients less than or equal to 35 kg: target Hgb = 130 g/L and depot iron = 15 mg/kg

For patients greater than 35 kg: target Hgb = 150 g/L and depot iron = 500 mg

Total iron deficit = weight (kg) x [target Hgb – actual Hgb (g/L)] x 0.24 + depot iron (mg)

= _____ kg x [_____ – _____ g/L] x 0.24 + _____ mg

= _____ mg elemental iron to be given to replenish iron deficit