

INDICATION

For patients with actual weight greater than ideal weight, this provides an adjusted body weight (ABW) based on actual body weight, sex and height.

Frequently required for appropriate dosing of medication

ADDITIONAL INFORMATION

The ideal body weight formula is only an approximation and is generally only applicable for people > 152.4cm.

For patients under 152.4cm height, an adjustment is to subtract 1-2kg for every 2.54cm under 152.4cm of ideal body weight.

Adjusted body weight can be used for patients where $ABW > IBW$.

CALCULATION

Devine Formula

MALE IBW_{kg} =

$$50_{kg} + 2.3_{kg} \times ((height_{cm}/2.54) - 60)$$

FEMALE IBW_{kg} =

$$45.5_{kg} + 2.3_{kg} \times ((height_{cm}/2.54) - 60)$$

ADJUSTED BODY WEIGHT $_{kg}$ =

$$IBW + 0.4 \times (\text{Actual weight} - IBW)$$