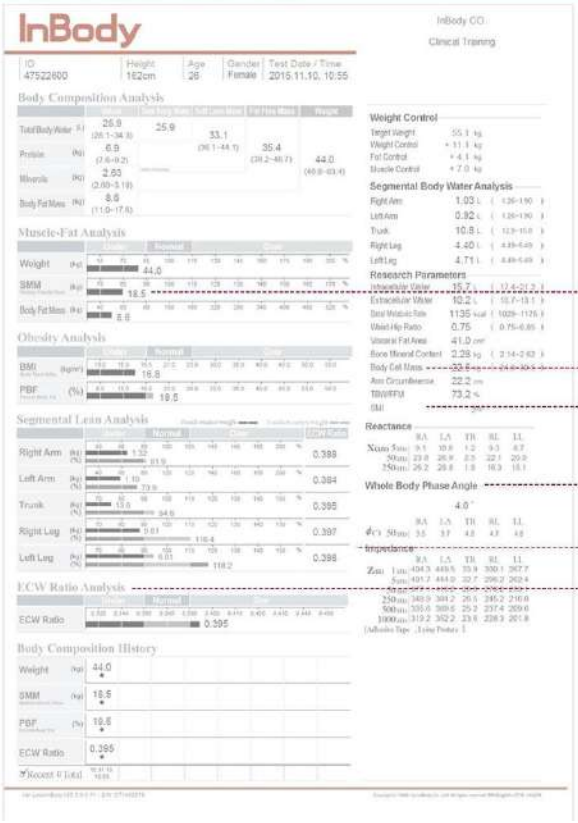
Critical Care (ICU, NST)



Sarcopenia Assessment

Skeletal Muscle Mass (SMM), Skeletal Muscle Mass Index (SMI), Body Cell Mass (BCM)

Evaluate sarcopenia & nutritional status

Skeletal Muscle mass is the amount of muscle attached to the bones, and SMI is calculated by dividing appendicular lean mass by (height)^2.

BCM is the total amount of all cellular elements in the body, which constitutes all metabolically active tissues of the body.

Severity Assessment

Phase Angle (PhA)

Evaluation of patient nutritional status & predict prognosis/mortality

PhA shows the function of your cell membrane, which regulates in & out of nutrients to the cell and thus related to the nutritional status and mortality rate

Edema Evaluation

Whole Body & Segmental ECW Ratio

Monitor cachexia induced edema

ECW Ratio, the ratio of Extracellular Water to Total Body Water is an important indicator of body water balance. Healthy people have an average of ECW Ratio around 0.380.

Severe malnutrition leads to edema, and thus managing body water is important in increasing patient's survival rate.