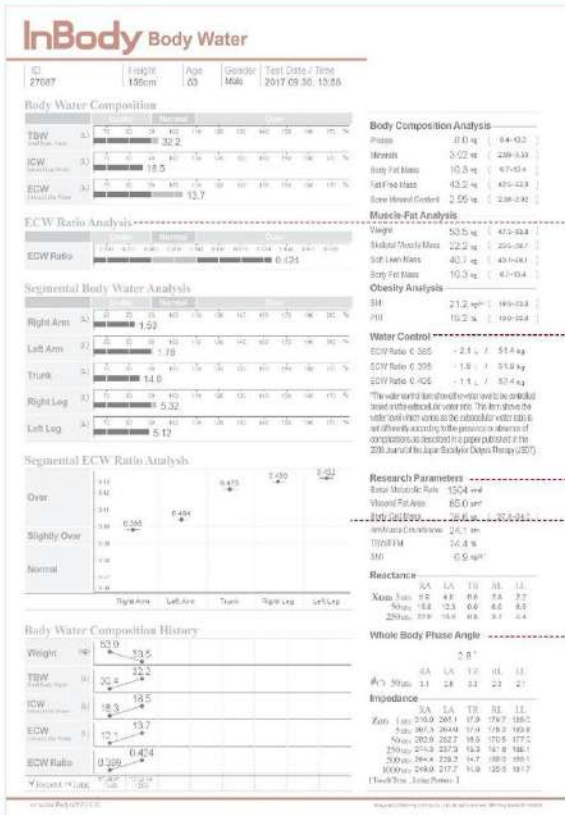


# Nephrology



## Dry Weight Confirmation

### Extracellular Water Ration (ECW Ratio) Analysis & Water Control

Simple evaluation of edema & check dry weight in dialysis patients based on complications

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.

Water control shows the water level to be controlled based on the ECW Ratio. Water level varies as the ECW Ratio is set differently according to the presence or absence of complications.

## Nutritional Assessment

### 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)<sup>2</sup>.

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

## Screening Circulation Issues

### Segmental ECW Ratio Analysis

Segmental ECW Ratio can be used to screen potential vascular problems using difference between Right/Left ECW Ratio.

## 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. It reflects cell integrity and nutritional status. Low PhA closely related to mortality rate.