

InBody

InBody APP

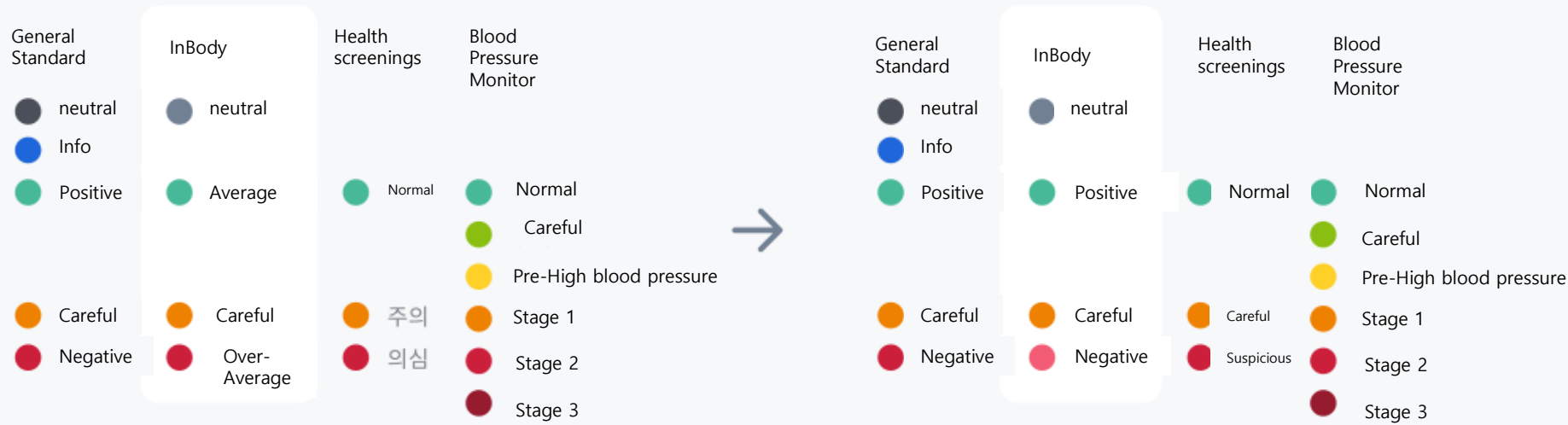
Update in Color Logic and Bar-graph

Last update 2023.04.13

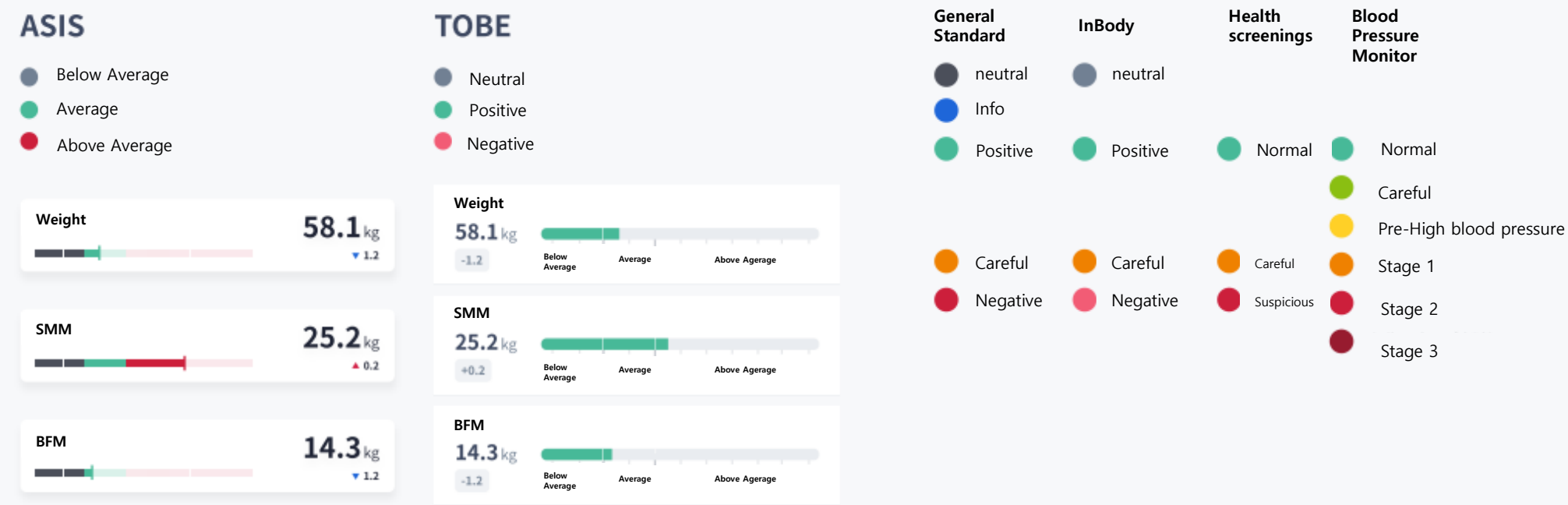
OverView

In the existing InBody app, when representing the bar graph in color, the colors were defined according to the standard range, rather than value evaluation. This has resulted in some limitations:

Red color is universally associated with negative meaning, but depending on the item, the meaning can be conveyed incorrectly. In particular, if the skeletal muscle mass is above the standard range and displayed in red, beginners may perceive it as a problematic situation. The meaning of red color conflicts with items that are evaluated by value, such as 'blood pressure' and 'importing health checkup results'. Therefore, the color representation method will be modified as follows.



Changes in Color Logic



Example of Color Logic

[Applied Sample]

Colors will be used to represent cases where clear value evaluation is possible for each item, such as above standard range/standard/below standard range.

Percentage Body Fat		SMM	
Below Average Neutral	체지방률 13.5% 	Below Average Neutral	골격근량 22.1kg
Average Good	체지방률 23.0% 	Average Good	골격근량 28.0Kg
Above Average Neutral	체지방률 29.8% 	Above Average Good	근육량 35.3kg

InBody App – Evaluation per parameters

		Below Average	Average	Above Average	●* : Exceptional Case
SMM/Fat Analysis	Weight	●	●	● ●*	
	SMM	●	● ●*	● ●*	
	BFM	●	●	●	
Obesity Analysis	BMI	●	●	● ●*	
	Percent Body Fat	●	●	●	
	Abdominal Fat Percent	●	●	●	
Abdominal Obesity Analysis	VFA		●	●	
	VFL		●	●	
Body Water Analysis	Total Body Water	●	● ●*	● ●*	
	Intracellular Water	●	●	●	
	Extracellular Water	●	● ●*	● ●*	
	ECW Ratio	●	●	●	
Nutrition Analysis	Protein	●	●	●	
	Mineral	●	●	●	
	Bone Mineral Content	●	●	●	
	Body Cell Mass	●	●	●	
	Muscle Mass	●	●	●	
Segmental Analysis	SMM	●	●	●	
	BFM	●	●	●	
	ECW Ratio	●	●	●	
		(표준)	(약한 과다)	(과다)	

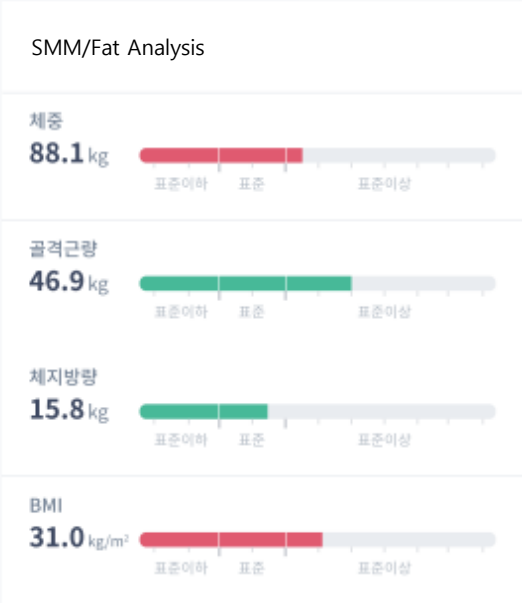
InBody App – Evaluation per parameters (Exceptional Case)

CASE 1.
Male, in his 20s, muscular

For example, in the case of a male in his 20s who has a higher body weight but above-standard skeletal muscle mass and standard body fat mass, the body weight may be displayed as above standard range, but since the overall health is still good, it will be represented in gray instead of red.

ASIS

Independent Evaluation



TOBE

Comprehensive Evaluation



If body fat percentage is below standard or within standard, and skeletal muscle mass is above standard, and body weight is above standard, they will be represented in neutral color (gray) to indicate a neutral evaluation. If BMI is above standard, it will also be represented in neutral color (gray) for evaluation.

CASE 2.
Female, in her 50s, with edema

For example, if extracellular water is above the standard range while skeletal muscle mass and other similar items are within the standard range, it may be due to the relatively higher measurement of muscles due to the high extracellular water. In this case, even if skeletal muscle mass/body water/extracellular water are within the standard range, they should not be expressed as "good" values. They will be represented in gray.

ASIS

Independent Evaluation



TOBE

Comprehensive Evaluation



If extracellular water ratio is above standard, and skeletal muscle mass is within standard, body water percentage is within standard, and extracellular water ratio is within standard, they will be represented in neutral color (gray) to indicate a neutral evaluation.