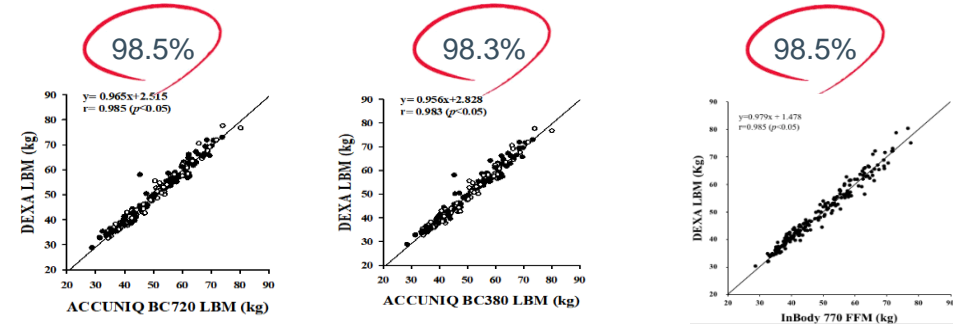


- Gold Standard

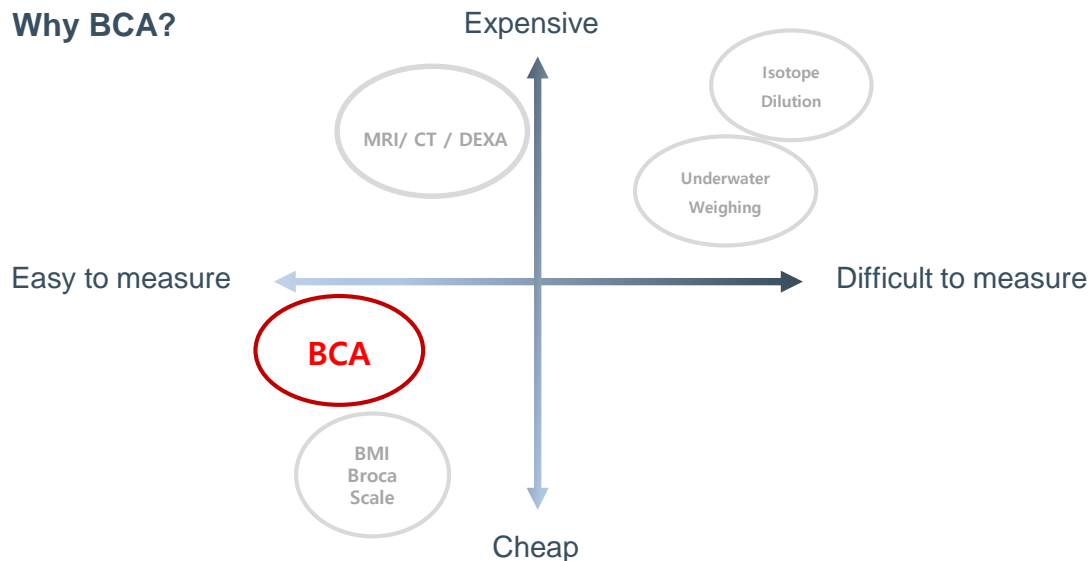
DEXA – repeated measurement error within **1%** ✓
 (Underwater weighing technique – repeated measurement error 2.7% - 3.7%)

WHO Expert Consultation recommends DEXA as the reference for research on body composition

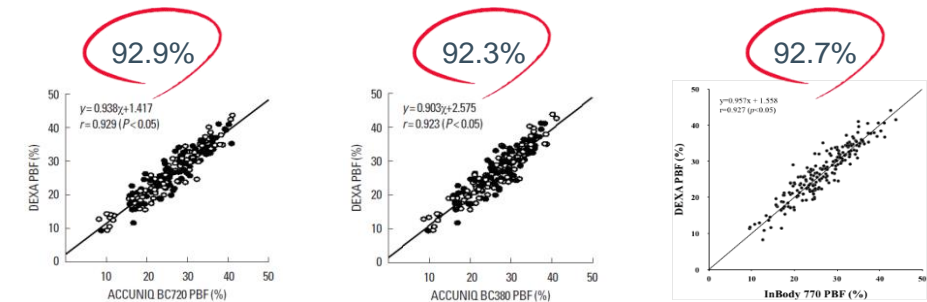
- High Correlation between DEXA / ACCUNIQ / InBody in LBM



- Why BCA?



- High Correlation between DEXA / ACCUNIQ / InBody in PBF



- Conclusion

There isn't much differences in accuracy between DEXA, ACCUNIQ and InBody

- Triple repeated measurements

Correlation coefficients in PBF **99.7%** ✓

Correlation coefficients in LBM **99.8%** ✓

Table 2. Reproducibility verification of PBF measured by bioelectrical impedance analyzer

	Men (n=40)		Women (n=40)		Total (n=80)	
	PBF (%)	<i>r</i>	PBF (%)	<i>r</i>	PBF (%)	<i>r</i>
Trial		0.996		0.998		0.997
1st	18.8±5.9		31.0±4.4		26.8±6.8	
2nd	18.9±5.9		31.1±4.4		26.9±6.7	
3rd	18.9±5.9		31.1±4.4		26.9±6.7	

Table 3. Reproducibility verification of LBM measured by bioelectrical impedance analyzer

	Men (n=40)		Women (n=40)		Total (n=80)	
	LBM (kg)	<i>r</i>	LBM (kg)	<i>r</i>	LBM (kg)	<i>r</i>
Trial		0.999		0.999		0.998
1st	61.8±9.5		38.5±3.8		58.7±12.1	
2nd	61.7±9.5		38.4±3.8		58.5±12.0	
3rd	61.8±9.5		38.4±3.8		58.6±12.1	

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