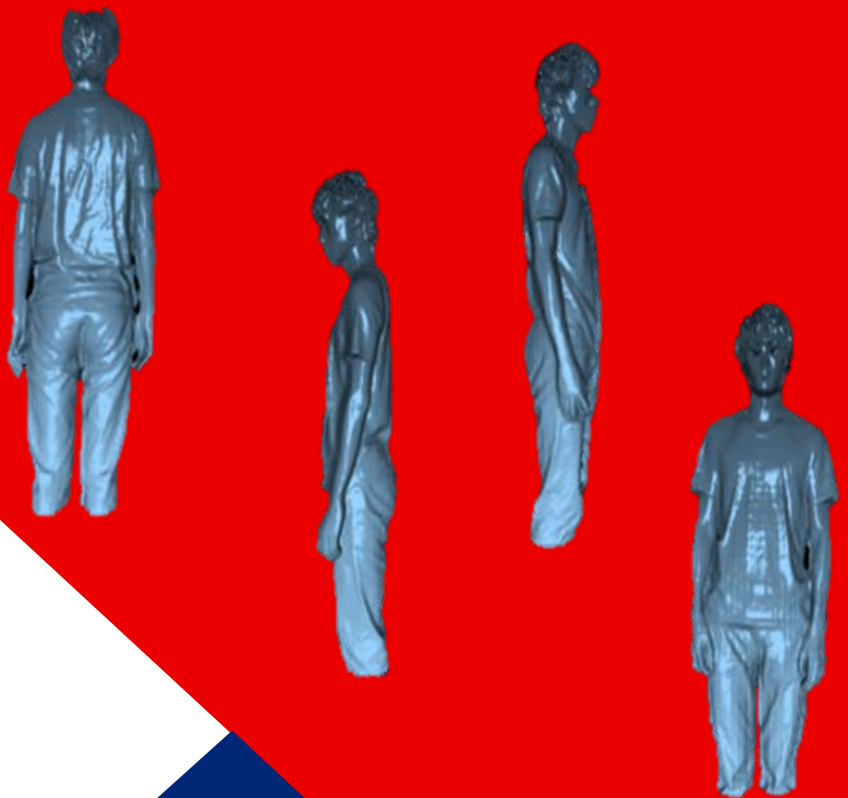
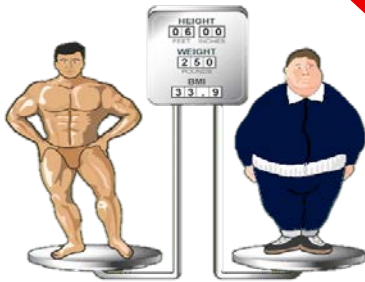


BodyCam

FUNWITHOPTICS KIT

BMI is Inaccurate, Mislabels 54 Million
“Obese” or “Overweight” People as
Unhealthy –Brain and Body - 2016

BMI Issues



Mathematical Hack
No physiological basis
Muscle mass or Fat



W: <http://FunWithOptics.com>
E: contact@funwithoptics.com

BodyCam Technique



Name : Email :
Body Volume (ml) : volume Height (m) : 1.7682
Right Arm Length (m) : 0.5396 Shoulder Width (m) : 0.3581
Left Arm Length (m) : 0.5754 Chest Girth (cm) : CG
Sleeve Length (m) : 0.6336 Waist Girth (cm) : WG
Hip Girth (cm) : HG

Figure Volume Mesh

16 sec

Percent



1. Position yourself by moving forward or backward such that your body outline is colored green on the right
2. Rotate in a complete revolution within 20 seconds and ensure you rotate in a smooth and continuous motion.
3. Press 'Calculate' for your body measurements



Applications

Educational Kit

Studying Time of Flight concept
Studying Health parameters using Depth Sensor
Statistical trial for BVI
Determine the Body Volume Index

Commercial Kit

Determining .stl file for 3D printing
Using in health industry for Shape-BVI relation

Depth sensing using IR illuminator, RGB and IR cameras

