



Equipment List

Updated 7/20/2023

<p>Dual X-ray absorptiometry (DXA) machine</p> <p>Model: General Electric Lunar Prodigy Year Purchased: 2016</p>	<p>The DXA machine measures many parameters of body composition across the extremities and trunk, including: tissue, fat, lean, bone mineral content and total mass. DXA radiation exposure is very low; skin entrance exposures for the iDXA are 0.4 μGy (0.4 μSv) for a total body scan. These levels have been deemed acceptable by UA IRB/Human Protection Program.</p>	
<p>Bioelectrical Impedance Analysis (BIA) Machine</p> <p>Model: InBody 230 Year Purchased :2012</p>	<p>The Inbody230 provides measurement of the following: total body water, total fat free mass, body fat mass, weight, skeletal muscle mass, body fat mass, body mass index, and % of body fat.</p>	
<p>Bioelectrical Impedance Analysis (BIA) Machine</p> <p>Model: InBody 270 Year Purchased :2019</p>	<p>The InBody 270 machine provides the same measures as the InBody 230 but is portable to allow for in-home measures or use at community events</p>	
<p>ActiGraph Waist-worn* Accelerometers</p> <p>Model: GT9X Link Year Purchased: 2016 Quantity: 90</p>	<p>The ActiGraph device provides physical activity measures including energy expenditure, steps taken, activity intensity levels and METs as well as estimates for time spent in sedentary to moderate-vigorous activities.</p> <p>* Wristbands can be purchased if you would prefer participants to wear on wrist</p>	
<p>GENEactiv Accelerometer Watches</p> <p>Model: GENEActiv Sleep Year Purchased: 2020 Quantity: 30</p>	<p>GENEActiv Sleep is a wrist-worn device used to research sleep interdependencies with health and lifestyle factors. Specified for the monitoring of circadian rhythm, this model contains light and skin temperature sensors.</p>	
<p>Veggie Meter® Carotenoid Scanner</p> <p>Year Purchased: 2022</p>	<p>The Veggie Meter® is portable and assesses skin carotenoid levels which is a biomarker associated with health outcomes. It is used as an objective measure of fruit and vegetable intake.</p>	