





Equipment	Description
<p>Dual X-ray absorptiometry (DXA) machine 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 uSv) for a total body scan. These levels have been deemed acceptable by UA IRB/Human Protection Program.</p> 
<p>Bioelectrical impedance analysis (BIA) machine 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 percentage of body fat</p> 
<p>Bioelectrical impedance analysis (BIA) machine 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 Model: GT9X Link Year Purchased: 2016 Quantity: 90</p> <p>* Wristbands can be purchased if you would prefer participants to wear on wrist</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>GENEactiv Accelerometer Watches 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> 