

## University of Groningen

### Obesity and Muscle

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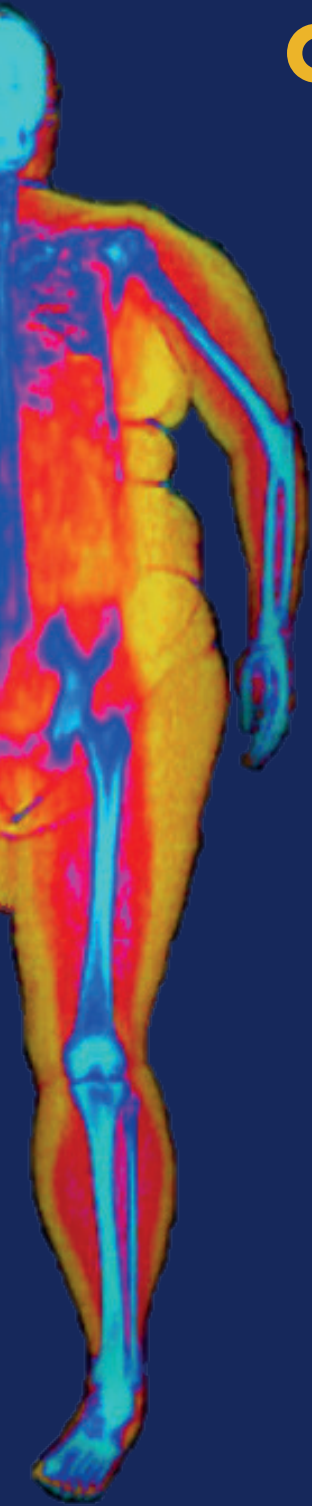
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# **Obesity and Muscle:** Measurement methods and comorbidities



**Dionne Sizoo**



# **Obesity and Muscle: Measurement methods and comorbidities**

Dionne Sizoo

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# **Obesity and Muscle**

## Measurement methods and comorbidities

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## ABBREVIATIONS

<b>ADP</b>	Air Displacement Plethysmography
<b>ALAT</b>	ALanine AminoTransferase
<b>ALM</b>	Appendicular Lean Mass
<b>ALM/W</b>	Appendicular Lean Mass divided by Weight
<b>ASAT</b>	ASpartate AminoTransferase
<b>BIA</b>	Bioelectrical Impedance Analysis
<b>BMI</b>	Body Mass Index
<b>CAG</b>	Corrected Arm Girth
<b>CCG</b>	Corrected Calf Girth
<b>CER</b>	Creatinine Excretion Rate
<b>CK</b>	Creatinine Kinase
<b>CON</b>	Centre Obesity Northern Netherlands
<b>COPD</b>	Chronic Obstructive Pulmonary Disease
<b>CRP</b>	C-Reactive Protein
<b>CT</b>	Computed Tomography
<b>CTG</b>	Corrected Thigh Girth
<b>DXA</b>	Dual-energy X-ray Absorptiometry
<b>EASO</b>	European Association for the Study of Obesity
<b>EHR</b>	Electronic Health Record
<b>ESPEN</b>	European Society for Clinical Nutrition and Metabolism
<b>FFA</b>	Free Fatty Acid
<b>FFM</b>	Fat-Free Mass
<b>FM</b>	Fat Mass
<b>GIP</b>	glucose-dependent Insulinotropic Polypeptide
<b>GLP-1</b>	Glucagon-Like Peptide-1
<b>HbA1c</b>	Haemoglobin A1c
<b>HGS</b>	Handgrip Strength
<b>ICC</b>	Intraclass correlation coefficient
<b>IQR</b>	Interquartile range
<b>LFM</b>	Leeuwarden Fat Mass
<b>LM</b>	Lean Mass
<b>MCL</b>	Medical Centre Leeuwarden
<b>MF</b>	Multi-Frequency
<b>MRI</b>	Magnetic Resonance Imaging

<b>MVPA</b>	Moderate-to-Vigorous Physical Activity
<b>OSAS</b>	Obstructive Sleep Apnea Syndrome
<b>REE</b>	Resting Energy Expenditure
<b>RTPO</b>	Regional Reviewing Committee of Patient-related Research
<b>RYGB</b>	Roux-en-Y Gastric Bypass
<b>sc</b>	Subcutaneous
<b>SFT</b>	Skinfold-Thickness
<b>SM</b>	Skeletal Muscle
<b>SNS</b>	Sympathic Nervous System
<b>SO</b>	Sarcopenic Obesity
<b>SPSS</b>	Statistical Package for Social Sciences
<b>SQUASH</b>	Short QUestionnaire to ASsess Health-enhancing physical activity
<b>T2DM</b>	Type 2 Diabetes Mellitus
<b>TSH</b>	Thyroid-Stimulating Hormone
<b>US</b>	Ultrasound
<b>US</b>	Units
<b>VAT</b>	Visceral Adipose Tissue

