

AMRA® BCP Scan – A New Standard in Body Composition Analysis Supporting Clinicians in Disease Prevention

Market Clearance

AMRA® BCP Scan is cleared by US FDA (K211983) is a Medical Device Class 1 in Canada.

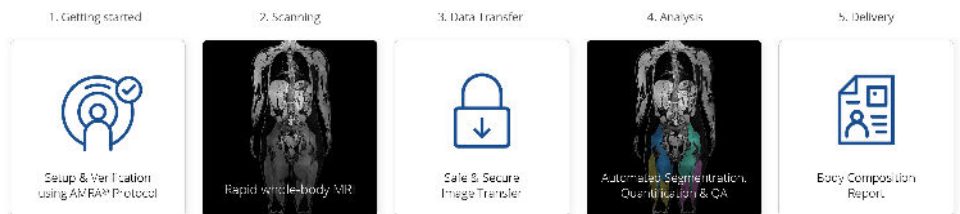


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BCP (Body Composition Profile): precisely understanding the patient's health and wellness, promoting healthy lifestyle choices.



AMRA® BCP Scan is an MRI-based service that delivers an actionable, easy-to-understand report, delivering precise fat and muscle measurements and engaging body composition visualizations. By using a patent protected technology, a reference database and a unique rapid MRI protocol, the semi-automated process assesses multiple muscles and fat with precision—all through a single scan.

Don't Judge a Body by Its Cover



It's Not the Fat, It's Where It's At

- National Geographic, January 2019

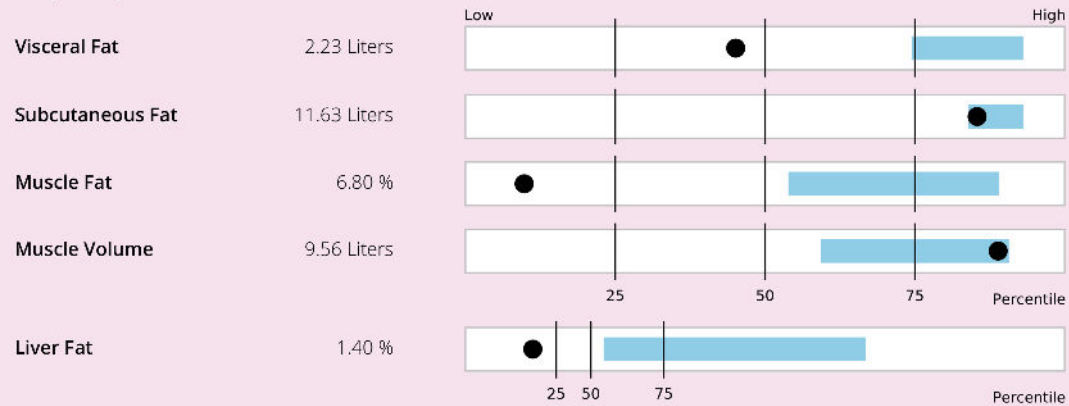


AMRA[®] BCP Scan Report

Patient Data

Patient ID: -
Acquisition Date: 2022-08-19 Height: 1.65 m
Sex: Female Weight: 88.9 kg
Age: 55 years BMI: 32.7 kg/m²

Body Composition



Bar Legend
● Patient ■ Expected, given patient's sex and body size

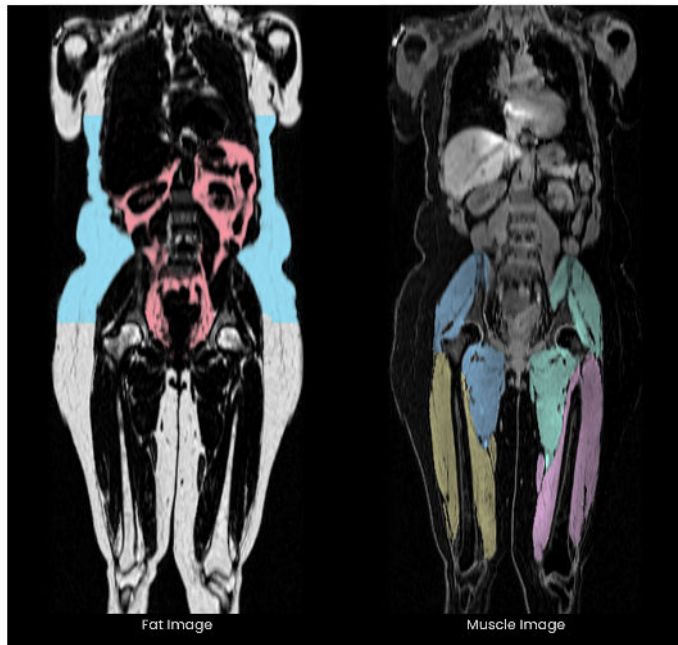


Image Legend
■ Visceral Fat
■ Subcutaneous Fat
■ Left Anterior Thigh Muscle
■ Right Anterior Thigh Muscle
■ Left Posterior Thigh Muscle
■ Right Posterior Thigh Muscle

Plan & Track Your Patient's Health

How to read the AMRA[®] BCP Scan Report

This report is generated by AMRA[®] Profiler 4, which is a tool that measures thigh muscle composition and abdominal fat distribution using magnetic resonance imaging (MRI) data. The report provides patient specific Body Composition Profile (BCP) measurements; subcutaneous and visceral fat volume, muscle fat, muscle volume and liver fat. It also visualizes the patient's data in comparison to reference data, in order to enable assessment of the results in a relevant context.

Patient Data

Patient ID: -

Acquisition Date: 2022-08-19

Measurements and Bar Plots

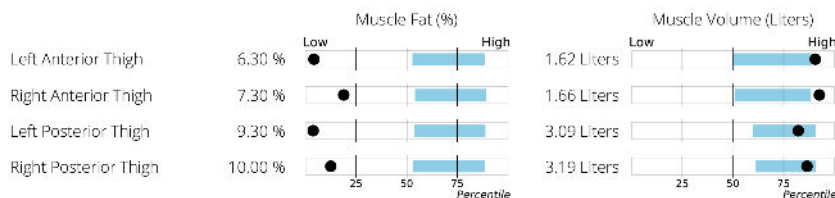
Each measurement is visualized in a bar plot, where the patient's location (black dot) is presented in relation to the distribution within a general sex-specific reference population. The bar also shows the expected range for the patient, given the patient's sex and body size (blue bar).

Image Quality Issues

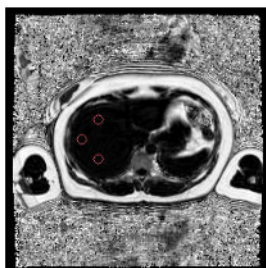
In rare cases, there can be one or more image quality issues present in the MRI data that is used as input to calculate one or more measurements presented in this report. As a consequence, the quality of the measurements cannot be guaranteed to be within the stated performance and the affected measurements are therefore not reported. In the event of an image quality issue in the MRI data, a short description of the identified issue will be presented.

Additional measurements and visualizations

Detailed Muscle Composition



Placement of ROIs used for calculation of Liver Fat




For more information on

- Underlying concepts and definitions
- Reference population used
- Performance specification
- Image quality issue categories

Go to: amramedical.com/user-guides

Product Information

Generated by AMRA[®] Profiler 4, version: 2022.8.390+snapshot.c0f1546607. Reference population ID: 10. Results may vary slightly in different versions of AMRA[®] Profiler 4. Release notes can be requested for details. AMRA[®] Profiler 4 is an FDA cleared medical device.

 Clinical diagnosis should not be based solely on results shown in this report.



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Rapid MRI Fat & Muscle Assessments

Using whole-body MRI and automated image analysis, AMRA can assess an individual's muscle and fat throughout the body and relate it to human health and disease. Our approach to body composition analysis brings us one step closer to personalized medicine by equipping clinicians and researchers with meaningful data for actionable decision-making.

Obesity


Monitor healthy weight loss — are your patients losing unhealthy visceral fat, or only losing subcutaneous fat?

Type 2 Diabetes (T2D) & Cardiovascular Disease (CVD)

Measure visceral and liver fat — to promote healthy lifestyle choices, which may reduce the risks and/or help living well with T2D & CVD.

Fitness

Track muscle volume changes — what's the impact of your patient's exercise program on muscle volume and muscle fat?



From Body Mass Index to Body Composition Profiling:

A detailed understanding of body composition is vital for identifying and tracking health, metabolic status, disease risk, and overall fitness.



AMRA Medical is a digital health company at the forefront of medical imaging and precision medicine. The company has developed a new global standard in body composition analysis, delivering multiple fat and muscle biomarkers with unrivaled accuracy and precision – all from a rapid whole-body MRI scan. AMRA offers clinical services and research services to support transformative care and vital decision-making, from clinical research to clinical care. For more information visit www.amramedical.com or contact us at info@amramedical.com.