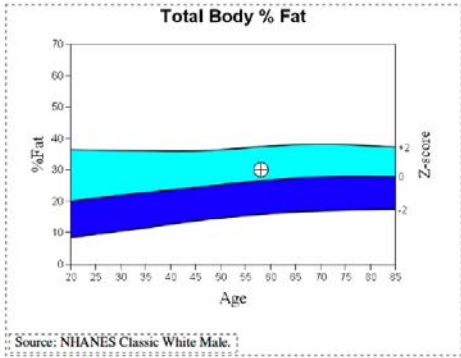


DEXA Body Composition Report



Images not for diagnostic use!
 Fat Lean Bone



BMI has some limitations and an actual diagnosis of overweight or obesity should be made by a health professional. Obesity is associated with heart disease, certain types of cancer, type 2 diabetes, and other health risks. The higher a person's BMI is above 25, the greater their weight-related health risks.

Adipose Indices

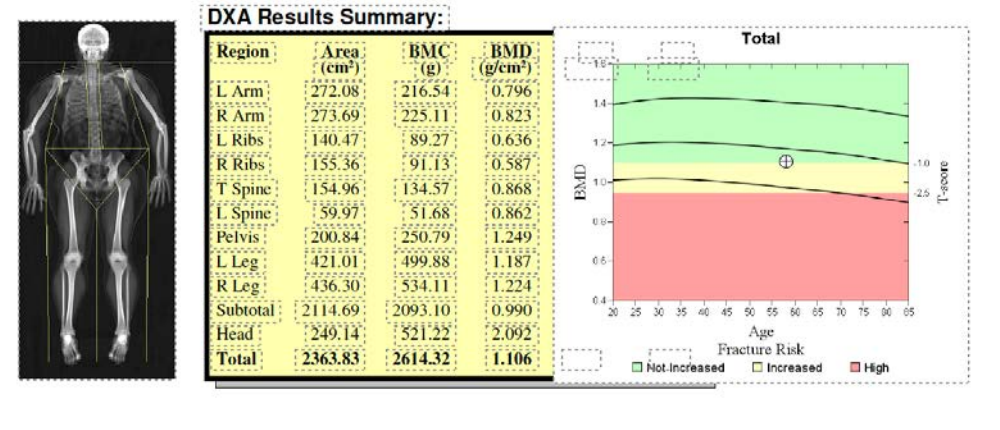
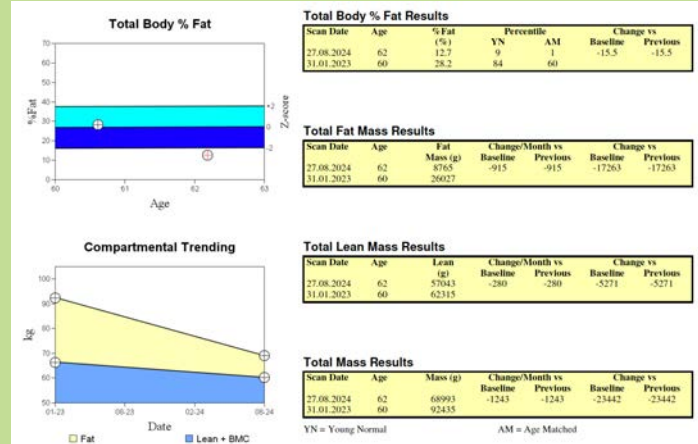
Measure	Result	Percentile YN	Percentile AM
Total Body % Fat	30.0	89	74
Fat Mass/Height ² (kg/m ²)	9.46	88	74
Android/Gynoid Ratio	1.15		
% Fat Trunk/% Fat Legs	1.05	77	33
Trunk/Limb Fat Mass Ratio	1.19	82	27
Est. VAT Mass (g)	746		
Est. VAT Volume (cm ³)	807		
Est. VAT Area (cm ²)	155		

Lean Indices

Measure	Result	Percentile YN	Percentile AM
Lean/Height ² (kg/m ²)	21.3	72	66
Appen. Lean/Height ² (kg/m ²)	9.29	60	64

Body Composition Results

Region	Fat Mass (g)	Lean + BMC (g)	Total Mass (g)	% Fat	% Fat Percentile YN	% Fat Percentile AM
L Arm	1826	4190	6015	30.3	94	85
R Arm	2035	4625	6660	30.6	94	84
Trunk	15604	34694	50298	31.0	88	65
L Leg	4717	10763	15479	30.5	87	85
R Leg	4552	11347	15899	28.6	81	74
Subtotal	28733	65620	94352	30.5	89	74
Head	1241	4333	5575	22.3		
Total	29974	69953	99927	30.0	89	74
Android (A)	2838	5112	7950	35.7		
Gynoid (G)	4362	9740	14102	30.9		



DEXA Body Composition Report

1. Color image of fat, lean and bone
2. Global and sub-region reports
3. Detailed Adipose Indices
 - Fat Mass/Height²
 - % Fat Trunk/% Fat Legs
 - Trunk/Limb Fat Ratio
 - Android/Gynoid Ratio
 - Visceral Adipose Tissue

DEXA Body Composition Report

4. Detailed Lean Indices

- Lean Mass/Height²
- Appendicular Mass/Height²

5. Whole body bone density

6. Rate of Change Report

- Compartmental trending
- Previous scan images visualize body composition changes

7. Nhanes Reference Data

DEXA stands for Dual-Energy X-ray Absorptiometry and is considered the **gold standard** for measuring body fat, lean mass, and bone density.

This test us accurately determines your overall body **fat mass** and **fat –free mass**, including specific **body segments** such as your arms, trunk, waist, hips and legs.

These scans provide valuable insights for athletes, the general population, and those at risk of osteoporosis. With a wide range of **data** and **detailed sections** in the report, understanding your results is key to taking meaningful steps toward achieving your health and fitness objectives.

What is Body composition?

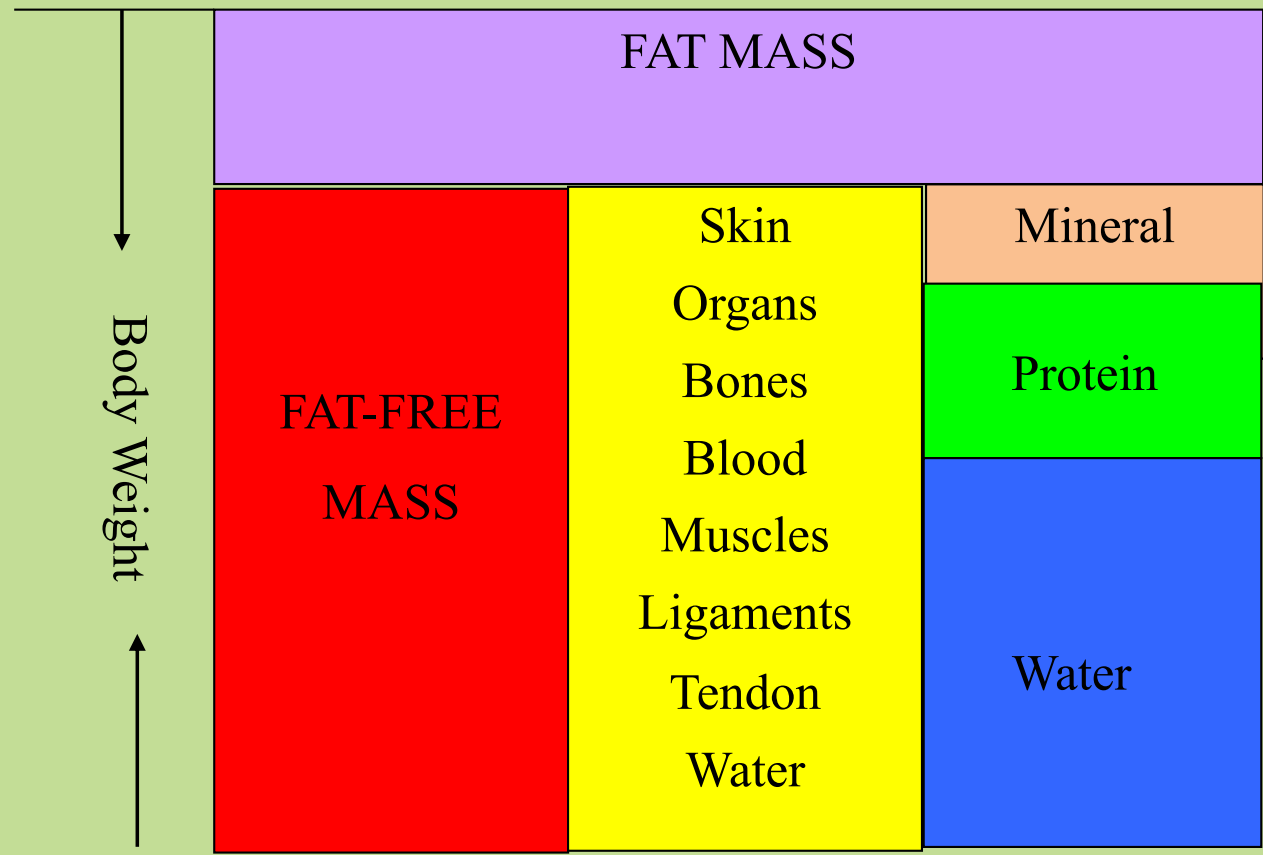
Body composition refers primarily to the distribution of fat and lean mass in the body, and its measurement plays an important role in both **sports** and **health**.

Scales measure total body mass, but they do not indicate whether the weight consists of fat mass, bone mineral content or lean tissue mass.

What is Body composition?

Your body weight

$$= \text{fat mass} + \text{fat free mass}$$



Colour Image Map



The colour image map displays fat, lean (muscle) and bone using the graduated scale of colours to represent each area.

Yellow regions representing regions with higher %Fat

Orange and **Red** regions indicating progressively lower %Fat

Bone containing regions are indicated in **blue**

Fat Lean Bone

✓ Learn **the exact percentage of fat**, lean, and bone mass in **your arms, legs, and trunk**. Includes all areas defined by cut lines & % fat per segment

Body Composition Results

Region	Fat Mass (g)	Lean + BMC (g)	Total Mass (g)	% Fat	% Fat Percentile	
					YN	AM
L Arm	1604	2773	4376	36.6	37	25
R Arm	1597	3057	4653	34.3	29	19
Trunk	9557	29723	39279	24.3	17	9
L Leg	5722	9406	15129	37.8	29	23
R Leg	6226	9862	16088	38.7	32	25
Subtotal	24705	54821	79527	31.1	21	13
Head	1075	3691	4765	22.5		
Total	25780	58512	84292	30.6	22	13
Android (A)	1237	3907	5145	24.0		
Gynoid (G)	5541	9226	14767	37.5		

This is the total body fat percentage, 30.6%

YN = 22% Fat Percentile
AM = 13% Fat Percentile

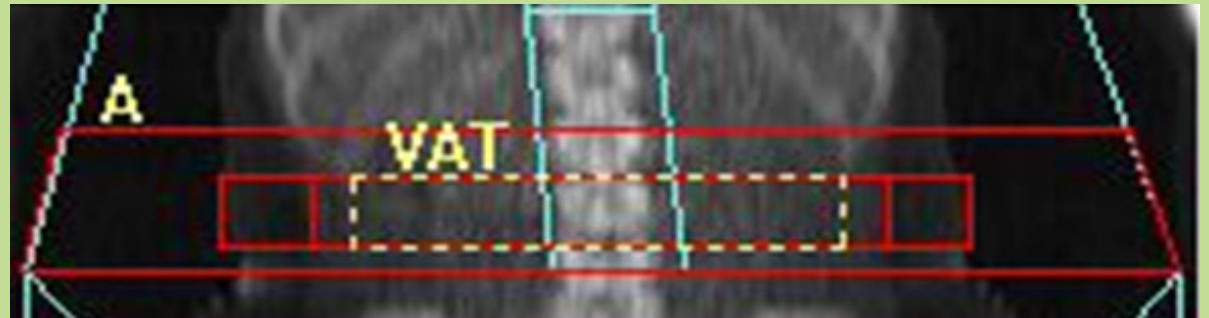
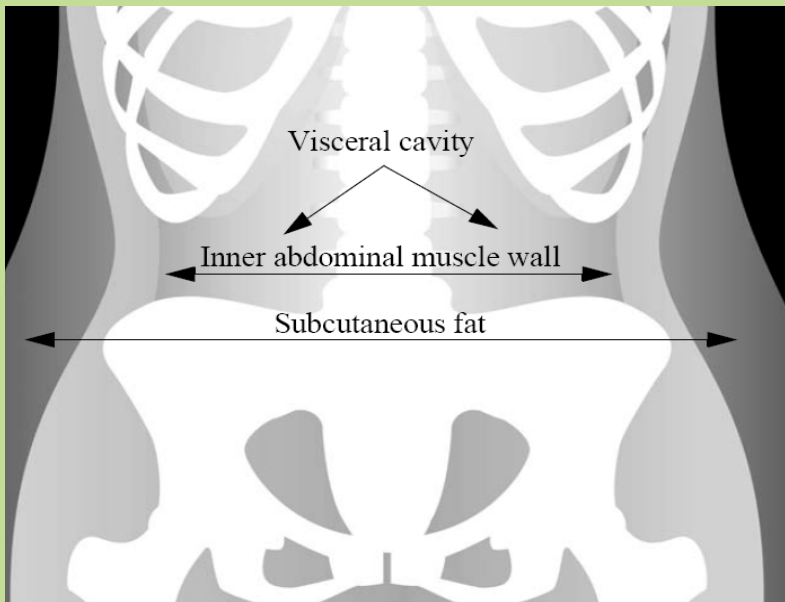
Android % Fat can show how close you are for a six-pack abdomen

This is the total body fat mass in grams or 25.8kg

Identify muscle imbalance & symmetry

This represents your fat free mass or everything in your body except fat (58.5kg). It includes lean mass and bone mineral content. This number is used to determine resting metabolic expenditure, a very useful indicator of the number of calories required to sustain life at rest.

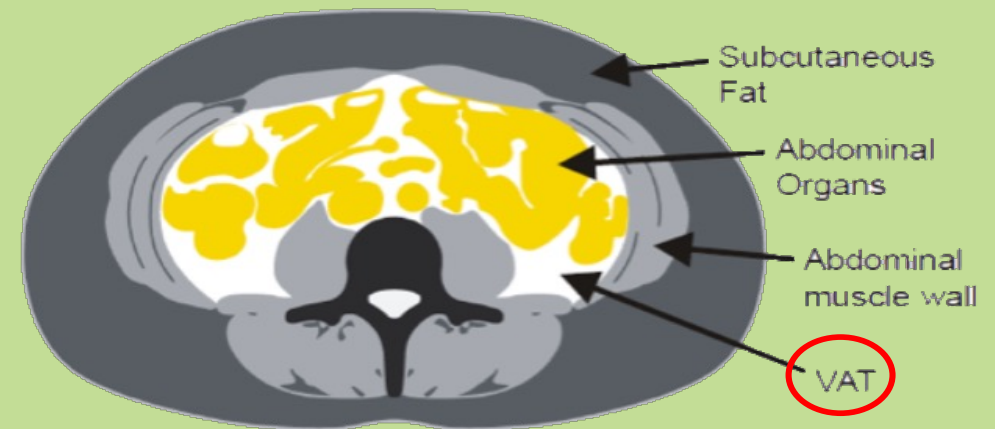
Visceral Adipose Tissue (VAT) Assessment



Visceral Adipose Tissue (VAT) is the fat that is deep inside the abdominal wall *only (not extremities)* and usually surrounds the organs.

It is placed about L4-L5 across the abdominal cavity and between the pelvis and the rib cage.

It is calibrated and correlated with VAT CT slices.



Visceral Adipose Tissue (VAT) Assessment

Adipose Indices

Measure	Result	Percentile	
		YN	AM
Total Body % Fat	30.6	22	13
Fat Mass/Height ² (kg/m ²)	8.47	45	33
Android/Gynoid Ratio	0.64		
% Fat Trunk/% Fat Legs	0.64	17	10
Trunk/Limb Fat Mass Ratio	0.63	19	10
Est. VAT Mass (g)	141	←	
Est. VAT Volume (cm ³)	153	←	
Est. VAT Area (cm ²)	29.3	←	

The report shows the VAT information in 3 categories:

- Mass (grams)
- Volume (cm³)
- Area (cm²)

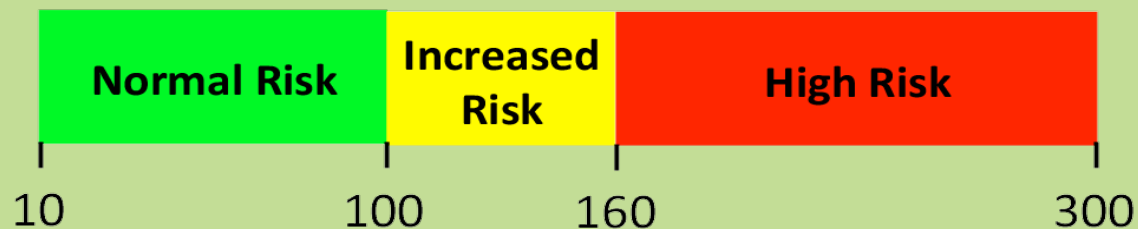
Area is the most important because this is the number that is correlated with disease risk

EXAMPLE:

Est VAT Area (cm²) = 29.3

Classification = Normal Range

Visceral Fat score (cm²) and relative risk of heart disease and diabetes



Fat Mass Index is defined as the total fat mass adjusted for height squared. It is calculated by dividing fat mass in kilograms by the square of height in meters.

$$\text{FMI} = \text{Fat mass} / \text{Height}^2 \quad (\text{kg} / \text{m}^2)$$

FMI has a distinct advantage over BMI for defining obesity status since it is independent of lean mass status.

Adipose Indices

Measure	Result	Percentile	
		YN	AM
Total Body % Fat	30.6	22	13
Fat Mass/Height ² (kg/m ²)	8.47	45	33
Android/Gynoid Ratio	0.64		
% Fat Trunk/% Fat Legs	0.64	17	10
Trunk/Limb Fat Mass Ratio	0.63	19	10
Est. VAT Mass (g)	141		
Est. VAT Volume (cm ³)	153		
Est. VAT Area (cm ²)	29.3		

Body Mass index (BMI) vs. Fat Mass Index (FMI)

Currently, BMI is the standard measure for clinical obesity

Problems with BMI (**Weight**/Height²):

- i) Measure of excess weight, not excess fat
- ii) Not gender specific

Advantages of FMI (**Fat Mass**/height²):

- i) Measure of excess fat not confounded by lean mass
- ii) Gender specific reference values
 - 5 – 9 kg/m² in women
 - 3 - 6 kg/m² in men

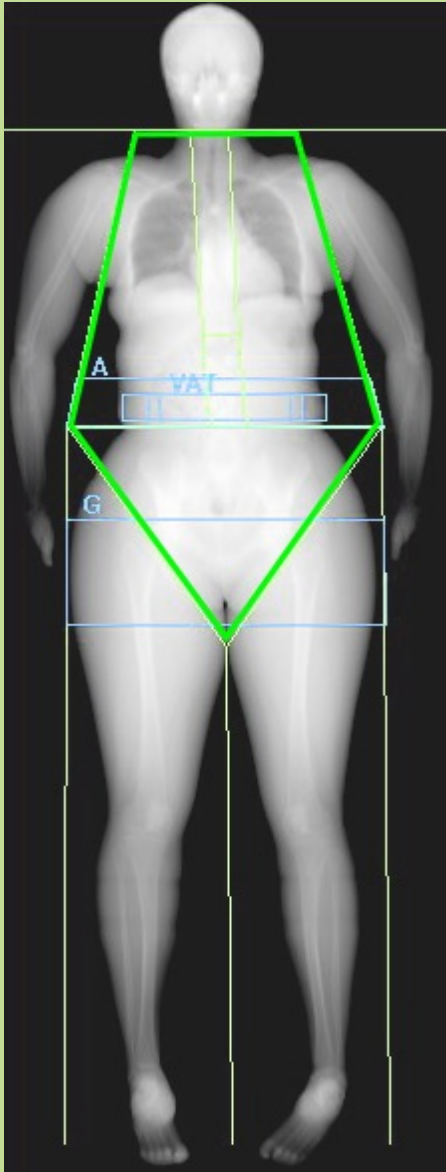
Body Mass index (BMI) vs. Fat Mass Index (FMI)

Fat Mass Index (kg/m²) classification ranges¹.

FMI Class	Severe Fat Deficit	Moderate Fat Deficit	Mild Fat Deficit	Normal	Excess Fat	Obese Class I	Obese Class II	Obese Class III
Male	< 2	2 to < 2.3	2.3 to < 3	3 – 6	> 6 to 9	> 9 to 12	> 12 to 15	> 15
Female	< 3.5	3.5 to < 4	4 to < 5	5 – 9	> 9 to 13	> 13 to 17	> 17 to 21	> 21

Classification ranges for FMI that match the prevalence of the WHO BMI classifications. Unlike BMI, FMI is a gender specific measure of fat not confounded by lean tissue.

¹Kelly TL, Wilson KE, Heymsfield SB (2009) Dual energy X-Ray absorptiometry body composition reference values from NHANES. PLoS One 4: e7038.



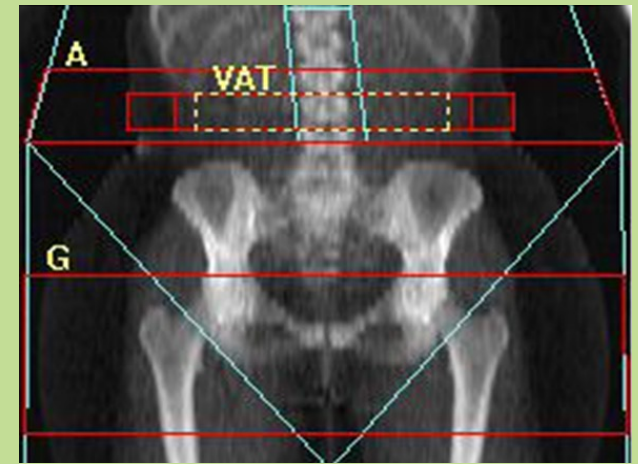
Crystal Image Map

The crystal map displays shows the Android/Gynoid areas, Visceral Fat (VAT) slice and cut lines to distinguish the trunk from the extremities.

The trunk is outlined in green on this image and is referenced in parts of the Adipose and Lean Indices in the report

The Android (waist) and Gynoid (hips) areas are listed as “A” and “G”

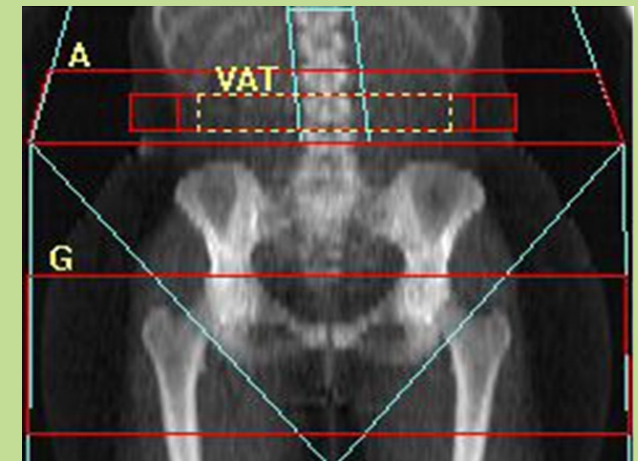
This determines if the patient is an “apple” or a “pear” which is important for assessing where the fat is primarily stored. Apple people have more cardiovascular issues, high blood pressure, diabetes, metabolic syndrome than pear people.



Android/Gynoid Ratio

Adipose Indices

Measure	Result	Percentile	
		YN	AM
Total Body % Fat	30.6	22	13
Fat Mass/Height ² (kg/m ²)	8.47	45	33
Android/Gynoid Ratio	0.64		
% Fat Trunk/% Fat Legs	0.64	17	10
Trunk/Limb Fat Mass Ratio	0.63	19	10
Est. VAT Mass (g)	141		
Est. VAT Volume (cm ³)	153		
Est. VAT Area (cm ²)	29.3		

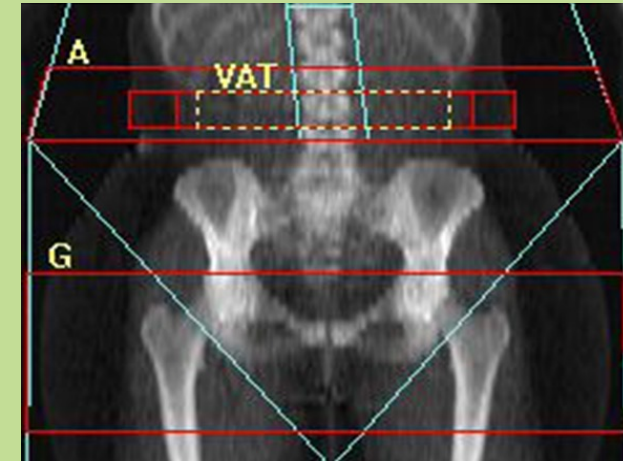


The Android/Gynoid (A/G) ratio refers to the distribution of fat in the body, comparing the android region (abdominal area) to the gynoid region (hip and thigh area). This ratio is analogous to the more commonly used anthropometric measurement of the waist-to-hip ratio.

Android/Gynoid Ratio

Adipose Indices

Measure	Result	Percentile	
		YN	AM
Total Body % Fat	30.6	22	13
Fat Mass/Height ² (kg/m ²)	8.47	45	33
Android/Gynoid Ratio	0.64		
% Fat Trunk/% Fat Legs	0.64	17	10
Trunk/Limb Fat Mass Ratio	0.63	19	10
Est. VAT Mass (g)	141		
Est. VAT Volume (cm ³)	153		
Est. VAT Area (cm ²)	29.3		



- The A/G ratio is calculated as the percentage of fat in the android region divided by the percentage of fat in the gynoid region. The A/G ratio may predict cardiovascular disease (CVD) and other health problems (e.g., metabolic syndrome).
- **Higher Ratio (>1):** Indicates a greater concentration of fat in the abdominal region compared to the hips and thighs.
- **Lower Ratio (<1):** Suggests a healthier fat distribution, with more fat in the gynoid region than in the android region.

The overall consensus is that "the lower the better," but this must also be considered in the context of the patient's overall fat mass, genetic profile, and health status.

Interpretation of Results

Example 1:

Total % Fat = 30.6

Percent body fat reflects the proportion of body weight that is fat mass

YN = 22% Fat Percentile

This means that this individual has a higher body fat % than 22% of people in the 20-29-year-old age group of the same gender, or that 22% of individuals in the 20-29-year-old age group of the same gender have a lower body fat % than this individual.

AM = 13% Fat Percentile

This means that this individual has a higher body fat % than 13% of people in the same age and gender group, or that 13% of individuals in the same age and gender group in the database have a lower body fat % than this individual.

Interpretation of Results

Example 2:

Fat Mass Index = 8.47 kg/m²

Fat Mass Index (FMI) is a measure used to assess the amount of fat mass relative to an individual's height and is calculated by dividing a person's fat mass (in kilograms) by their height squared (in meters).

YN = 45th Percentile

This means that this individual has a higher Fat Mass Index than 45% of people in the 20-29-year-old age group of the same gender, or that 45% of individuals in the 20-29-year-old age group of the same gender have a lower Fat Mass Index than this individual.

AM = 33th Percentile

This means that this individual has a higher Fat Mass Index than 33% of people in the same age and gender group, or that 33% of individuals in the same age and gender group in the database have a lower Fat Mass Index than this individual.

Interpretation of Results

Example 3:

Lean Mass Index = 18.2 kg/m²

Lean Mass Index (LMI) is a measure used to assess the amount of lean mass relative to an individual's height and is calculated by dividing a person's lean mass (in kilograms) by their height squared (in meters).

YN = 89th Percentile

This means that this individual has a higher Lean Mass Index than 89% of people in the 20-29-year-old age group of the same gender, or that 89% of individuals in the 20-29-year-old age group of the same gender have a lower Lean Mass Index than this individual.

AM = 84th Percentile

This means that this individual has a higher Lean Mass Index than 84% of people in the same age and gender group, or that 84% of individuals in the same age and gender group in the database have a lower Lean Mass Index than this individual.

Interpretation of Results

Example 4:

Appendicular Lean Mass Index = 7.72 kg/m²

Appendicular Lean Mass Index (ALMI) is a measure used to assess the amount of lean mass in the arms and legs relative to an individual's height and is calculated by dividing a person's lean mass in the arms and legs (in kilograms) by the square of their height (in meters).

YN = 85th Percentile

This means that this individual has a higher ALMI than 85% of people in the 20-29-year-old age group of the same gender, or that 85% of individuals in the 20-29-year-old age group of the same gender have a lower ALMI than this individual.

AM = 82nd Percentile

This means that this individual has a higher ALMI than 82% of people in the same age and gender group, or that 82% of individuals in the same age and gender group in the database have a lower ALMI than this individual.

Lean Indices

Measure	Result	Percentile	
		YN	AM
Lean/Height ² (kg/m ²)	18.2	89	84
Appen. Lean/Height ² (kg/m ²)	7.72	85	82

EXAMPLE

Lean Mass Index = 18.2 kg/m²

YN = Young normal (T score)

YN = 89 Percentile

This means that this individual has a higher Lean Mass Index than 89% of people in the 20-29-year-old age group of the same gender, or that 89% of individuals in the 20-29-year-old age group of the same gender have a lower Lean Mass Index than this individual.

AM = Aged match (Z score)

AM = 84 Percentile

(This means that this individual has a higher Lean Mass Index than 84% of people in the same age and gender group, or that 84% of individuals in the same age and gender group in the database have a lower Lean Mass Index than this individual.)

Lean Indices(Muscle)

These indices measure amount of muscle mass in the body.

Lean/Height²

- Result: Higher number is desired as this signifies *more* muscle mass.

Body Composition Regions

Adipose Indices

Measure	Result	Percentile	
		YN	AM
Total Body % Fat	30.6	22	13
Fat Mass/Height ² (kg/m ²)	8.47	45	33
Android/Gynoid Ratio	0.64		
% Fat Trunk/% Fat Legs	0.64	17	10
Trunk/Limb Fat Mass Ratio	0.63	19	10
Est. VAT Mass (g)	141		
Est. VAT Volume (cm ³)	153		
Est. VAT Area (cm ²)	29.3		

Adipose Indices(Fat)

% Fat Trunk/% Fat Legs and Trunk/Limb Fat Mass Ratio

- Primarily used for determining impact of lipodystrophy.
- As a result of treatment for AIDS/HIV, redistribution of subcutaneous fat occurs from the extremities to the trunk, usually in abdominal and upper neck/shoulder area.
- This ultimately turns into visceral fat.
- These ratios are not frequently used unless site is scanning AIDS/HIV patients
- Again if both parts of the equation are equal, 1.00 will be Result.
- If less than 1.00, second part of the equation is where the fat occurs (legs or limb)
- Percentile YN and AM higher number not desired for lipodystrophy

Body Composition Regions

Adipose Indices

Measure	Result	Percentile	
		YN	AM
Total Body % Fat	30.6	22	13
Fat Mass/Height ² (kg/m ²)	8.47	45	33
Android/Gynoid Ratio	0.64		
% Fat Trunk/% Fat Legs	0.64	17	10
Trunk/Limb Fat Mass Ratio	0.63	19	10
Est. VAT Mass (g)	141		
Est. VAT Volume (cm ³)	153		
Est. VAT Area (cm ²)	29.3		

% Fat Trunk/% Fat Legs and Trunk/Limb Fat Mass Ratio
While these measurements aren't vitally important to everyday health monitoring, they demonstrate the distribution of fat in a client's body and can be used clinically to track lipodystrophy.

Lean Indices

Measure	Result	Percentile	
		YN	AM
Lean/Height ² (kg/m ²)	18.2	89	84
Appen. Lean/Height ² (kg/m ²)	7.72	85	82

Lean/Height²

- Result: Higher number is desired as this signifies *more* muscle mass.

EXAMPLE

Lean Mass Index = 18.2 kg/m²

YN = Young normal (T score)

YN = 89 Percentile

This means that this individual has a higher Lean Mass Index than 89% of people in the 20-29-year-old age group of the same gender, or that 89% of individuals in the 20-29-year-old age group of the same gender have a lower Lean Mass Index than this individual.

AM = Aged match (Z score)

AM = 84 Percentile

(This means that this individual has a higher Lean Mass Index than 84% of people in the same age and gender group, or that 84% of individuals in the same age and gender group in the database have a lower Lean Mass Index than this individual.)

Lean Indices

Measure	Result	Percentile	
		YN	AM
Lean/Height ² (kg/m ²)	18.2	89	84
Appen. Lean/Height ² (kg/m ²)	7.72	85	82

Appendicular Lean Mass Index = 7.72 kg/m²

YN = Young normal (T score)

YN = 85 Percentile

(This means that this individual has a higher ALMI than 85% of people in the 20-29-year-old age group of the same gender, or that 85% of individuals in the 20-29-year-old age group of the same gender have a lower ALMI than this individual.)

AM = Aged match (Z score)

AM = 82 Percentile

(This means that this individual has a higher ALMI than 82% of people in the same age and gender group, or that 82% of individuals in the same age and gender group in the database have a lower ALMI than this individual.)

- **Appendicular Lean/Height²**
- Higher number is desired
- Low number signifies lack of adequate muscle mass which may interfere with daily living issues such as lifting themselves from a chair or unsteadiness.
- Sports athletes will have a high number as they are using their extremities most often in their sport (football, swimming, etc)

Resting Metabolic Rate

To calculate **Resting Metabolic Rate (RMR)** using the **Cunningham Equation** and a DEXA Body Composition scan, follow these steps:

Step 1: Convert Fat-Free Mass (FFM) from grams to kilograms

- Locate the **Total Lean + BMC (Bone Mineral Content)** value from your DEXA scan, measured in grams.
- Convert this value to kilograms by dividing it by 1000.

Example

Total Lean + BMC = 58512 g

Conversion to kilograms

- $58512 \div 1000 = 58.5 \text{ kg}$

Region	Fat Mass (g)	Lean + BMC (g)	Total Mass (g)	% Fat
L Arm	1604	2773	4376	36.6
R Arm	1597	3057	4653	34.3
Trunk	9557	29723	39279	24.3
L Leg	5722	9406	15129	37.8
R Leg	6226	9862	16088	38.7
Subtotal	24705	54821	79527	31.1
Head	1075	3691	4765	22.5
Total	25780	58512	84292	30.6

Resting Metabolic Rate

Body Composition Results

Region	Fat Mass (g)	Lean + BMC (g)	Total Mass (g)	% Fat	%Fat Percentile YN	AM
L Arm	1604	2773	4376	36.6	37	25
R Arm	1597	3057	4653	34.3	29	19
Trunk	9557	29723	39279	24.3	17	9
L Leg	5722	9406	15129	37.8	29	23
R Leg	6226	9862	16088	38.7	32	25
Subtotal	24705	54821	79527	31.1	21	13
Head	1075	3691	4765	22.5		
Total	25780	58512	84292	30.6	22	13
Android (A)	1237	3907	5145	24.0		
Gynoid (G)	5541	9226	14767	37.5		

Fat Free Mass
58512 grams
= 58.5 KG

Step 2 – Apply the Cunningham equation

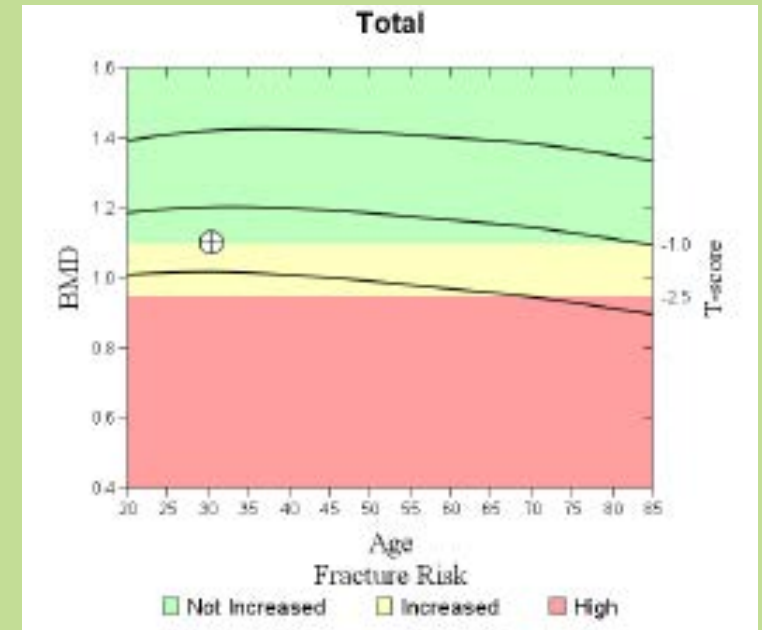
- $RMR = 500 + (22 \times FFM)$
- Multiply the FFM (in kg) by 22.
- Add 500 to the result.
- $RMR = 500 + (22 \times 58.5)$
- $RMR = 500 + 1287$
- $RMR = 1787 \text{ calories/day}$

The calculated **RMR** represents the number of calories your body requires at rest to maintain essential functions, such as breathing, circulation, and temperature regulation.

Whole Body bone density



Region	Area (cm ²)	BMC (g)	BMD (g/cm ²)	T - score	Z - score
L Arm	217.54	161.85	0.744		
R Arm	222.28	174.75	0.786		
L Ribs	117.26	78.68	0.671		
R Ribs	118.05	79.26	0.671		
T Spine	124.37	102.57	0.825		
L Spine	52.12	48.31	0.927		
Pelvis	198.59	219.70	1.106		
L Leg	335.20	373.30	1.114		
R Leg	344.28	389.18	1.130		
Subtotal	1729.70	1627.60	0.941		
Head	238.47	542.45	2.275		
Total	1968.17	2170.05	1.103	-1.0	-1.0



This is the total Bone Mineral Content (BMC) in grams

This is the total Bone Mineral Density (BMD) in grams per cm squared

- Important to note: A whole-body bone density provides you with the total bone mass and bone mineral density (BMD) but cannot provide a diagnosis of osteoporosis.*

Whole Body bone density

Region	Area (cm ²)	BMC (g)	BMD (g/cm ²)	T-score	Z-score
L Arm	217.54	161.85	0.744		
R Arm	222.28	174.75	0.786		
L Ribs	117.26	78.68	0.671		
R Ribs	118.05	79.26	0.671		
T Spine	124.37	102.57	0.825		
L Spine	52.12	48.31	0.927		
Pelvis	198.59	219.70	1.106		
L Leg	335.20	373.30	1.114		
R Leg	344.28	389.18	1.130		
Subtotal	1729.70	1627.60	0.941		
Head	238.47	542.45	2.275		
Total	1968.17	2170.05	1.103	-1.0	-1.0

The T-score is -1

The Z-score is -1

- The **T-score** compares your bone density to that of a young, healthy population aged 20-29
- The **Z-score** compares your bone density to an age-matched population
- A **T-score** of -1.0 means the bone density is **1 standard deviation** below the median of a young, healthy population aged 20-29.
- A **Z-score** of -1.0 means the bone density is 1 **standard deviation** below the median of an age-matched population.

Whole Body bone density

A whole-body bone density scan provides total bone mass and Bone Mineral Density (BMD) but cannot diagnose osteoporosis.

If the T-score or Z-score suggests lower-than-average bone density, further evaluation may be needed. It is recommended to discuss the results with your doctor. They may suggest blood tests to assess factors affecting bone health and, if warranted, perform bone densitometry specifically for the lumbar spine and hip.

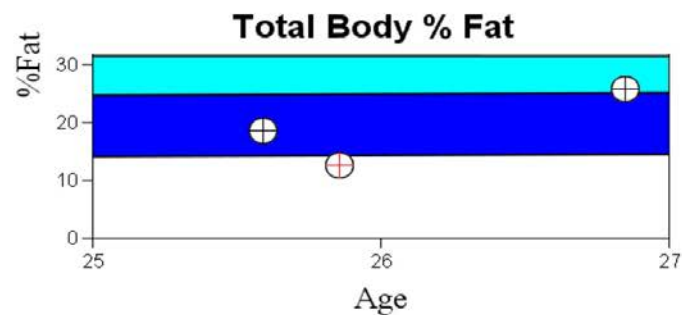
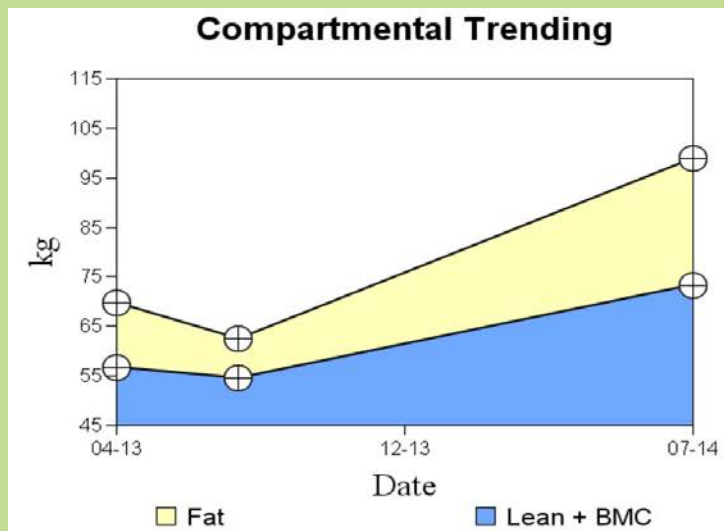
To view a sample Bone Densitometry report, click the link below:

https://www.bodydexafit.com.au/wp-content/uploads/2017/02/bone_density.pdf

Tracking your changes in Body Composition

- ✓ Having body composition monitored periodically with DEXA will provide valuable feedback on how successful your diet and training have been towards achieving your goals.
- ✓ Additional scans can be performed to monitor rehabilitation from injury.

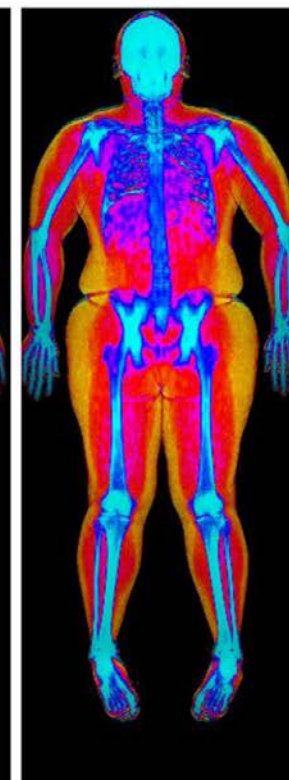
Tracking your changes in Body Composition



26.04.2013



01.08.2013



29.07.2014

DEXA makes use of X-ray energy, but this is at extremely **low** and **safe** levels.

The amount of radiation exposure is very low (**1-4 MicroSievert**), compared to radiation exposure of approximately **10 MicroSievert** on an airline flight from Melbourne to Sydney or **20 MicroSievert** during chest xray (front view only)

EFFECTIVE RADIATION DOSE COMPARISON

© 2024 Body DEXA fit All Rights Reserved

Diagnostic procedure	Typical effective dose (mSv)	Equivalent No. of DEXA Body Scans	Approximate equivalent period of natural background radiation ⁽¹⁾
*DEXA Body composition	<0.004	1	<16 hours
<i>X-ray examinations:</i>			
Limbs and joints (except hip)	<0.01	2.5	<1.5 days
Chest (single PA film)	0.02	5	3 days
Skull	0.07	17.5	11 days
Thoracic spine	0.7	175	4 months
Lumbar spine	1.3	325	7 months
Hip	0.3	75	7 weeks
Pelvis	0.7	175	4 months
Abdomen	1.0	250	6 months
IVU	2.5	625	14 months
Barium swallow	1.5	375	8 months
Barium meal	3	750	16 months
Barium follow through	3	750	16 months
Barium enema	7	1,750	3.2 years
CT head	2.3	575	1 year
CT chest	8	2,000	3.6 years
CT abdomen or pelvis	10	2,500	4.5 years

Diagnostic procedure	Typical effective dose (mSv)	Equivalent No. of DEXA Body Scans	Approximate equivalent period of natural background radiation ⁽¹⁾
*DEXA Body composition	<0.004	1	<16 hours
<i>Radionuclide studies:</i>			
Lung ventilation (Xe-133)	0.3	75	7 weeks
Lung perfusion (Tc-99m)	1	250	6 months
Kidney (Tc-99m)	1	250	6 months
Thyroid (Tc-99m)	1	250	6 months
Bone (Tc-99m)	4	1,000	1.8 years
Dynamic cardiac (Tc-99m)	6	1,500	2.7 years
PET head (F-18 FDG)	5	1,250	2.3 years

⁽¹⁾ UK average background radiation = 2.2 mSv per year: regional averages range from 1.5 to 7.5 mSv per year.

With advice from Wall, B. National Radiological Protection Board.

***This table has been adapted to include DEXA Body composition scan using Hologic Discovery A as used at Body DEXA fit. The radiation dose is very low, 1 to 4 MicroSieverts or 0.001 to 0.004 MilliSieverts (1 milliSievert = 1000 MicroSievert)**

Disclaimer

The information provided is for informational purposes.

You should not use this to diagnose a medical condition or disease and diagnosis of any medical condition or disease should be made by a health professional. Whilst all reasonable care has been taken in the preparation of this report no liability is assumed for any errors or omissions.