# PHYSIQUE SCIENCE

2a 76 Commercial Road Newstead, QLD 4006

Name: THEBAULT, GEMMA x

Patient ID: GXT010981 DOB: 01 September 1981 Sex: Female Height: 169.0 cm Weight: 62.5 kg Age: 41

#### Referring Physician:

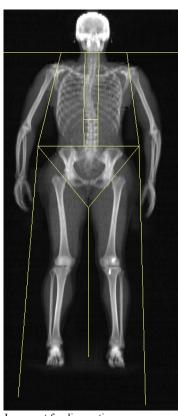


Image not for diagnostic use 327 x 150

## Total 1.6 $\oplus$ 1.2 BMD 0.8-0.6 25 30 35 40 45 70 75 80 Age Fracture Risk Increased High ■ Not Increased

### **Scan Information:**

Scan Date: 03 May 2023 ID: A0503230C

Scan Type: a Whole Body

Analysis: 03 May 2023 07:48 Version 13.6.0.5

Auto Whole Body Fan Beam

Operator: **AMC** 

Model: Horizon A (S/N 301190M)

Comment:

### **DXA Results Summary:**

Region	Area (cm²)	BMC (g)	BMD (g/cm²)	T - score	Z - score
L Arm	202.65	172.45	0.851		
R Arm	220.89	176.43	0.799		
L Ribs	131.72	89.46	0.679		
R Ribs	127.26	88.68	0.697		
T Spine	141.45	125.28	0.886		
L Spine	55.53	64.10	1.154		
Pelvis	259.39	320.13	1.234		
L Leg	367.20	434.41	1.183		
R Leg	380.17	455.72	1.199		
Subtotal	1886.26	1926.66	1.021		
Head	223.72	651.20	2.911		
Total	2109.99	2577.86	1.222	1.4	1.1

Total BMD CV 1.0%

#### Comment:

T-score vs. White Female. Source:2012 BMDCS/NHANES. Z-score vs. White Female. Source: 2012 BMDCS/NHANES.

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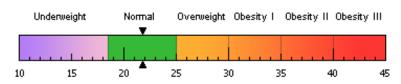


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Source: NHANES Classic White Female.

World Health Organization Body Mass Index Classification BMI = 21.9 WHO Classification Normal

Age



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 risks.

#### **Body Composition Results**

Region	Fat Mass (g)	Lean + BMC (g)	Total Mass (g)	% Fat	%Fat Pei YN	rcentile AM
L Arm	372	3061	3434	10.8	1	1
R Arm	365	3209	3574	10.2	1	1
Trunk	1889	24575	26464	7.14	1	1
L Leg	2703	9733	12435	21.7	1	1
R Leg	2604	10206	12810	20.3	1	1
Subtotal	7932	50785	58718	13.5	1	1
Head	802	3547	4349	18.4		
Total	8734	54332	63067	13.8	1	1
Android (A	) 246	3073	3319	7.4		
Gynoid (G)	1698	8507	10205	16.6		

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#### **Adipose Indices**

Measure	Result	Percentile			
		YN	AM		
Total Body % Fat	13.8	1	1		
Fat Mass/Height <sup>2</sup> (kg/m <sup>2</sup> )	3.06	1	1		
Android/Gynoid Ratio	0.45				
% Fat Trunk/% Fat Legs	0.34	1	1		
Trunk/Limb Fat Mass Ratio	0.31	1	1		
Est. VAT Mass (g)	32.6				
Est. VAT Volume (cm³)	35.2				
Est. VAT Area (cm²)	6.76				

#### Lean Indices

Measure	Result	Perce	entile
		YN	AM
Lean/Height <sup>2</sup> (kg/m <sup>2</sup> )	18.1	80	74
Appen. Lean/Height <sup>2</sup> (kg/m <sup>2</sup> )	8.74	92	89

Est. VAT = Estimated Visceral Adipose Tissue

YN = Young Normal

AM = Age Matched

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### **Scan Information:**

Scan Date: 03 May 2023 ID: A0503230C

Scan Type: a Whole Body

03 May 2023 07:48 Version 13.6.0.5 Analysis:

Auto Whole Body Fan Beam

Operator: **AMC** 

Model: Horizon A (S/N 301190M)

Comment:

### **DXA Results Summary:**

Region	BMC (g)	Fat Mass (g)	Lean Mass (g)	Lean + BMC (g)	Total Mass (g)	% Fat	
L Arm	172.45	372.1	2889.0	3061.5	3433.6	10.8	
R Arm	176.43	364.9	3032.8	3209.2	3574.1	10.2	
Trunk	687.65	1888.9	23887.7	24575.4	26464.3	7.1	
L Leg	434.41	2702.6	9298.4	9732.8	12435.4	21.7	
R Leg	455.72	2603.8	9750.7	10206.4	12810.2	20.3	
Subtotal	1926.66	7932.2	48858.6	50785.3	58717.5	13.5	
Head	651.20	802.1	2895.9	3547.1	4349.2	18.4	
Total	2577.86	8734.3	51754.6	54332.4	63066.7	13.8	

**TBAR1209**