

Patient: ISMAIL Nahla

Height: 171 cm Weight: 106 kg Presc. doctor:

Patient's ID:

Ethnic: Australian

Sex: Female

Scan Date: 11/10/2025 08:02:07

Birth Date: 07/05/1976

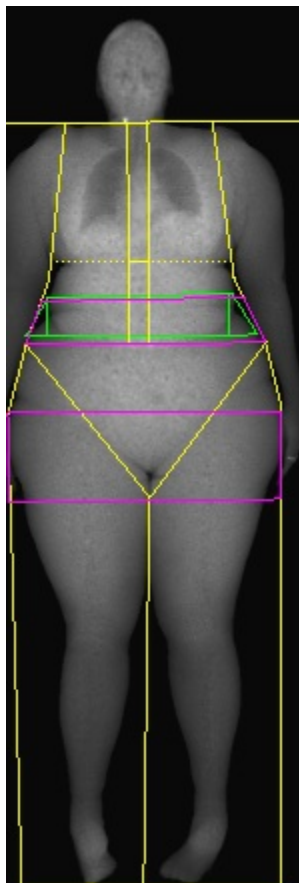
Current Age: 49 Years

Analysis date: 11/10/2025 08:11:58

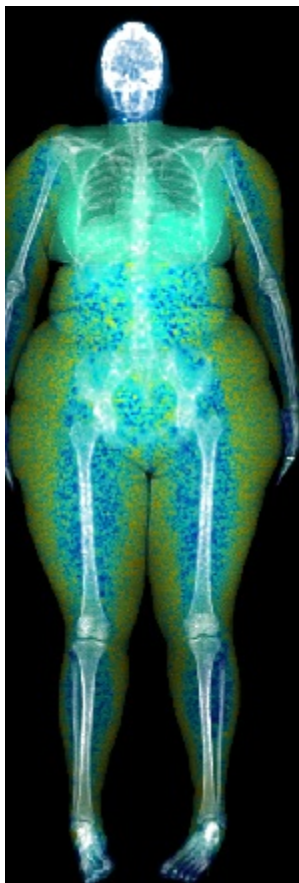
\*Effective/Input dose: 0.1µSv/0.33µGy

## Whole Body

100 % Fat



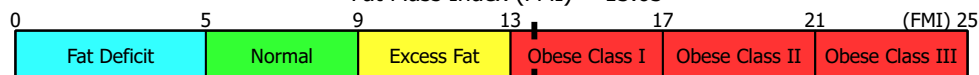
Tissue



Composition

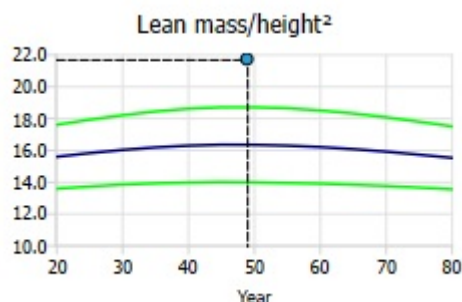
0 % Fat

Fat Mass Index (FMI) = 13.63



## Composition indices

Measure	Results
Total body weight (kg)	106.200
Body mass index (kg/m <sup>2</sup> ) (BMI)	36.25
Basal metabolic rate (kcal/Day)	1765.0
Total body % Fat	37.5
Fat mass/height <sup>2</sup> (kg/m <sup>2</sup> ) (FMI)	13.6
Android/Gynoid % fat ratio	1.02
Trunk/legs % fat ratio	1.28
Trunk/limb fat mass ratio	1.03
Visceral Adipose Tissue Area (cm <sup>2</sup> )	146.2
Visceral Adipose Tissue Mass (g)	909.0
Visceral Adipose Tissue Volume (cm <sup>3</sup> )	956.8
Subcutaneous Adipose Tissue Area (cm <sup>2</sup> )	197.8
Total body % Lean	59.7
Lean mass/height <sup>2</sup> (kg/m <sup>2</sup> )	21.7
Append. Lean Mass/Height <sup>2</sup> (kg/m <sup>2</sup> )	10.0
Total body % Bone	2.8
BMC/Height <sup>2</sup> (g/m <sup>2</sup> )	1.0



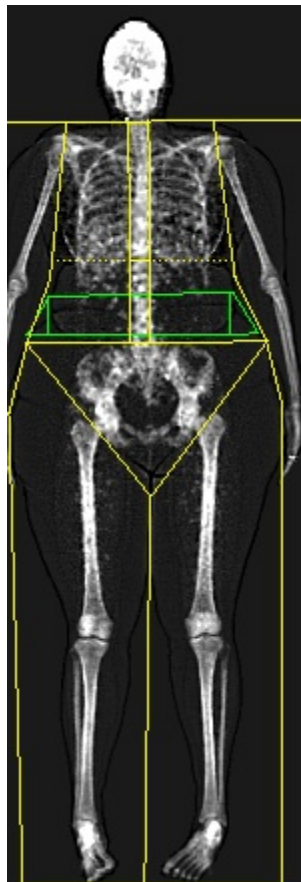
## Body composition

ROI	Tissues (%Fat)	Tissues (g)	Tissues Area (cm <sup>2</sup> )	Fat (g)	Lean (g)	BMC (g)	BMC Area (cm <sup>2</sup> )	Total mass (kg)
Left Arm	39.1	5091	1096.3	1992	3098	144.0	163.8	5.2
Right Arm	39.5	4572	689.2	1806	2766	105.1	108.8	4.7
Left Ribs	39.0	14910	791.8	5821	9089	226.6	279.4	15.1
Right Ribs	40.3	14023	752.0	5645	8378	269.0	310.6	14.3
T Spine	40.2	2770	129.1	1113	1657	169.3	128.1	2.9
L Spine	38.2	1792	69.9	685	1107	89.2	68.8	1.9
Pelvis	38.7	16744	807.4	6485	10258	408.1	384.5	17.2
Left Leg	39.3	18791	2760.9	7392	11399	528.8	447.8	19.3
Right Leg	39.8	20117	2700.8	8013	12104	538.4	447.7	20.7
SubTotal	39.4	98810	9797.3	38954	59857	2478.6	2339.5	101.3
Head	20.1	4426	1500.1	889	3538	484.5	225.0	4.9
Total	38.6	103237	11297.4	39843	63394	2963.1	2564.5	106.2
Android	40.0	7759	427.8	3105	4654	74.8	59.7	7.8
Gynoid	39.1	17266	1053.6	6747	10519	312.4	257.4	17.6

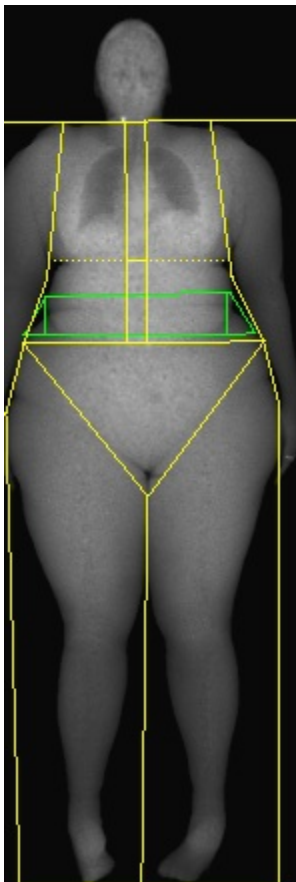
**Patient:** ISMAIL Nahla  
**Patient's ID:**  
**Birth Date:** 07/05/1976

**Sex:** Female  
**Ethnic:** Australian  
**Current Age:** 49 Years

## Whole Body



**Bone**



**Tissue**

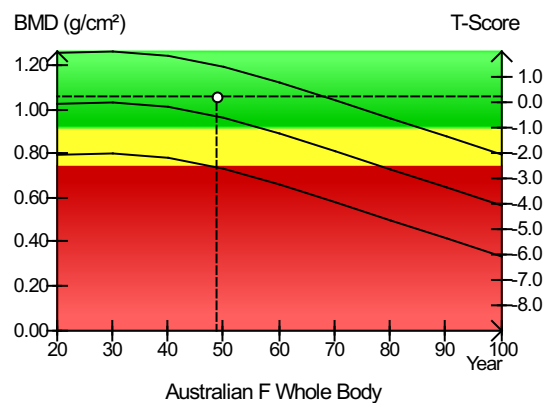
## Scan information:

**Operator:**  
**Presc. doctor:**  
**Physician:**  
**Scan Date:** 11/10/2025 08:02:07  
**Analysis date:** 11/10/2025 08:11:58  
**Scan Age:** 49 Years  
**Menopause age:**  
**Height:** 171 cm **Weight:** 106 kg  
**BMI:** 36.25 kg/m<sup>2</sup> Obese class II [35 - 39.9]  
**Site:** Whole Body  
**\*Effective/Input dose:** 0.1μSv/0.33μGy  
**Mode scan:** normal  
**Analysis:** Automatic

Image not for diagnostic use.

## Bone data

ROI	BMD(g/cm <sup>2</sup> )	BMC(g)	Area(cm <sup>2</sup> )
Left Arm	0.880	144.04	163.76
Right Arm	0.966	105.09	108.78
Left Ribs	0.811	226.57	279.40
Right Ribs	0.866	269.00	310.59
T Spine	1.322	169.32	128.08
L Spine	1.297	89.24	68.79
Pelvis	1.061	408.06	384.53
Left Leg	1.181	528.84	447.84
Right Leg	1.203	538.43	447.75
<b>Total</b>	<b>1.059</b>	<b>2478.59</b>	<b>2339.52</b>
Head	2.153	484.48	224.99



## Whole body results for Total

Z-score : 0.7 (109%)  
 T-score : 0.2 (102%)

BMD from Whole Body mode not for diagnostic use.

Saturday 11 October 2025,

**Dear Colleague,**

The BMD measurement of Nahla ISMAIL has been made in our center on 11/10/2025.

**Patient:**

<b>FirstName:</b>	Nahla	<b>Height:</b>	171 cm
<b>LastName:</b>	ISMAIL	<b>Weight:</b>	106 kg
<b>Birthdate:</b>	07/05/1976	<b>Exam Date:</b>	11/10/2025
<b>Sex:</b>	Female	<b>BMD System:</b>	Medilink / Medix DR

**Results:**

Measure Type	Region	Exam Date	BMD	T-Score	Z-Score	Classification
Whole Body	Total	11/10/2025	1.059 g/cm <sup>2</sup>	0.2	0.7	Normal

**REPORT**

The exam was performed on the Whole Body. The measured BMD is **1.059 g/cm<sup>2</sup>**, which corresponds to:

\* A T-Score of **0.2(102%)**. Remember, the T-score represents the difference between the patient BMD and the average value of **a young and healthy adult population**, with same sex and same ethnic group.

\* A Z-Score of **0.7(109%)**. Remember, the Z-Score represents the difference between the patient BMD and the average value of **a same age population**.

**Conclusion: This T-Score is normal and represents a really low fracture risk.**

In order to follow your patient's evolution efficiently, a new exam is recommended between three and five years if new risk factors appear.

Best regards,