ECHOLIGHT DIAGNOSTIC CENTER

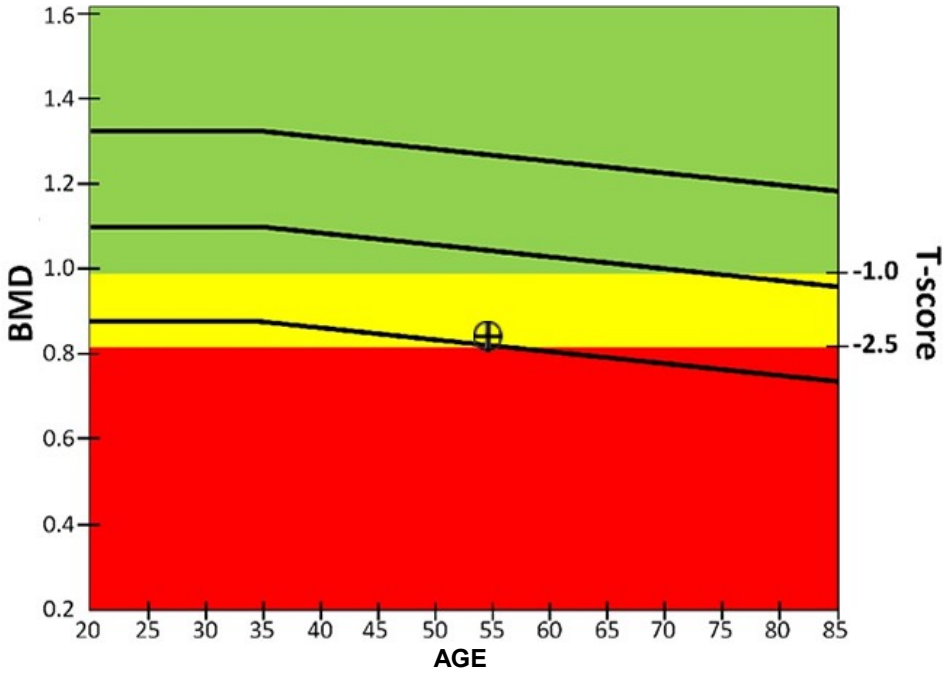
O.U. Lecce

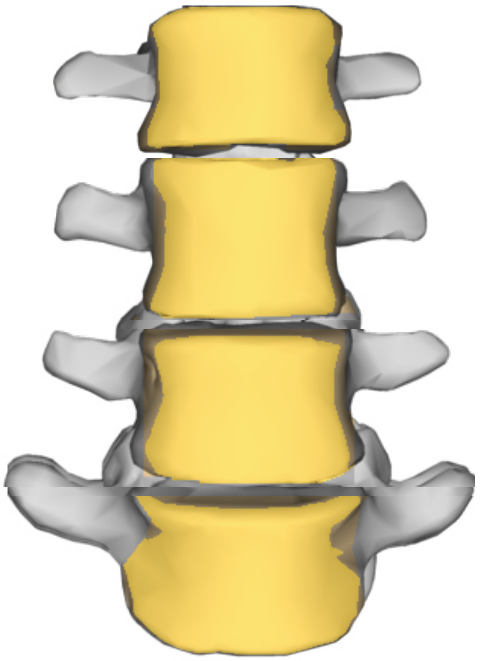
Exam date: 09/14/2023

Family Name: TEST Name: TEST

Date of Birth: 01/01/1968 Age: 55y Gender: M Weight: 60 kg H: 160 cm BMI: 23.44 kg/m²

REMS densitometry: SPINE





	BMD (g/cm²)	T-score	Z-score	Diagnosis
Total	0.844	-2.2	-1.7	Osteopenia

	BMD	T-SCORE
L1	0.758	-2.3
L2	0.838	-2.3
L3	0.868	-2.1
L4	0.9	-2.2

Fracture Risk Assessment

Fragility Score - Spine	26.9/100
5-year Risk of Major Osteoporotic Fracture	10-20‰

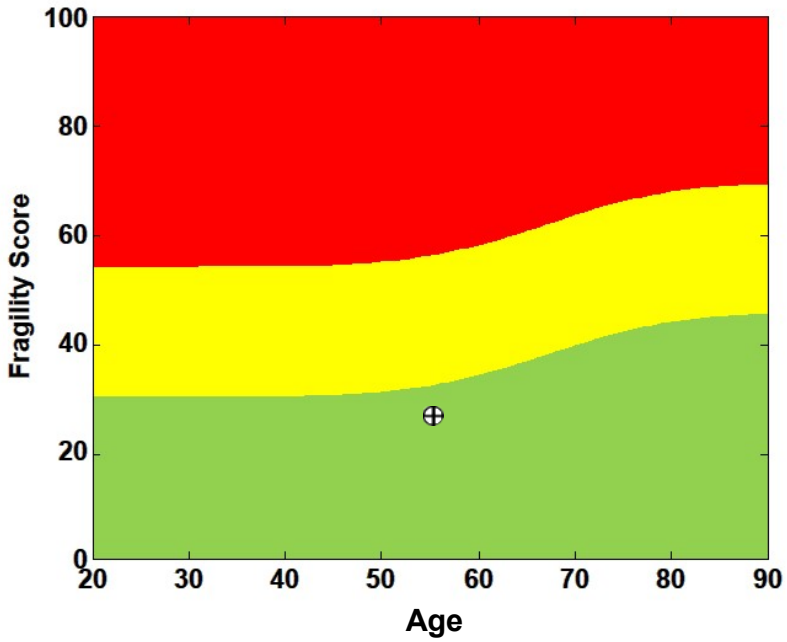
DENSITOMETRY NOTES / DIAGNOSTIC RESULT

Exam date: 09/14/2023

Family Name: TEST Name: TEST

Date of Birth: 01/01/1968 Age: 55y Gender: M Weight: 60 kg H: 160 cm BMI: 23.44 kg/m²

Fragility Score REMS: Spine



Fragility Score	26.9

Fragility Score is an indicator of the quality of bone structure independent of BMD

Exam date: 09/14/2023

Family Name: TEST Name: TEST

Date of Birth: 01/01/1968 Age: 55y Gender: M Weight: 60 kg H: 160 cm BMI: 23.44 kg/m²

REMS Total Risk for Major Osteoporosis Fractures

Combining Matrix of REMS BMD and Fragility Score

Fragility Score Classification Bone Quality	T-SCORE classification: NORMAL	T-SCORE classification: OSTEOPENIA	T-SCORE classification: OSTEOPOROSIS
NORMAL	R1	R3	R5
DECREASED	R2	R4	R6
LOW	R3	R5	R7

Total Fracture Risk at 5 years (‰)

Risk class	Risk of major osteoporotic fracture per 1000 subjects at 5 years
R1	≤ 5
R2	[5-10]
R3	[10-20]
R4	[20-35]
R5	[35-60]
R6	[60-100]
R7	> 100

ECHOLIGHT

ECHOLIGHT DIAGNOSTIC CENTER
O.U. Lecce

Exam date: 09/14/2023

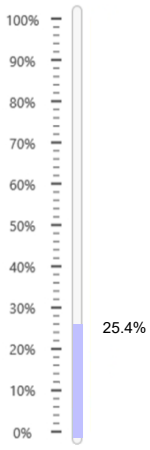
Family Name: TEST Name: TEST

Date of Birth: 01/01/1968 Age: 55y Gender: M Weight: 60 kg H: 160 cm BMI: 23.44 kg/m²

BODY COMPOSITION		Measured	Normal Range
BMI		**23.44** kg/m²	**18.5-24.9** kg/m²
Total Body Weight		**60** kg	**56.32** kg
Body FAT		**25.4**%	**23-26**%
Basal Metabolism		**1412.8** kcal/day	
Activity Metabolism	**Sedentary**	(little or no exercise):	**1695.4** kcal/day
	Moderately active	(moderate exercise/sports 3-5 days):	**2189.8** kcal/day
	Very active	(hard exercise/sports 6-7 days):	**2437.1** kcal/day

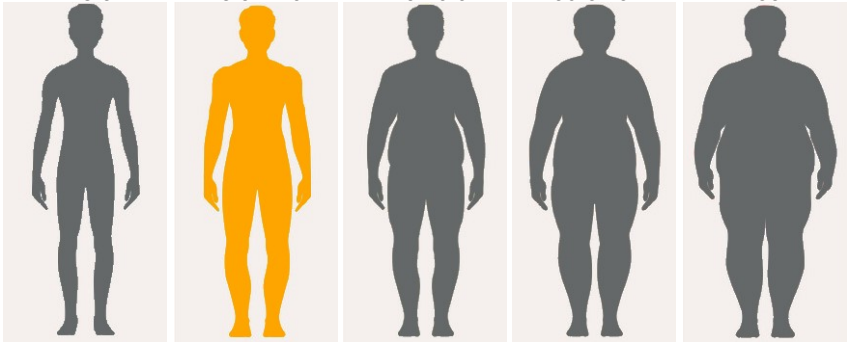
BODY FAT

Years	Underweight	Slim	Fit	Overweight	Obese
19-24	< 11 %	11-15 %	15-19 %	19-23 %	> 23 %
25-29	< 13 %	13-16 %	16-20 %	20-24 %	> 24 %
30-34	< 14 %	14-18 %	18-21 %	21-25 %	> 25 %
35-39	< 16 %	16-19 %	19-23 %	23-26 %	> 26 %
40-44	< 17 %	17-20 %	20-24 %	24-27 %	> 27 %
45-49	< 19 %	19-21 %	21-24 %	24-28 %	> 28 %
50-54	< 20 %	20-23 %	23-26 %	26-29 %	> 29 %
55-59	< 20 %	20-23 %	23-26 %	26-29 %	> 29 %
≥ 60	< 20 %	20-23 %	23-27 %	27-30 %	> 30 %



BODY MASS INDEX

Underweight <18.5	Normal 18.5-24.9	Overweight 25-29.9	Obese 30-34.9	Ext. Obese >35



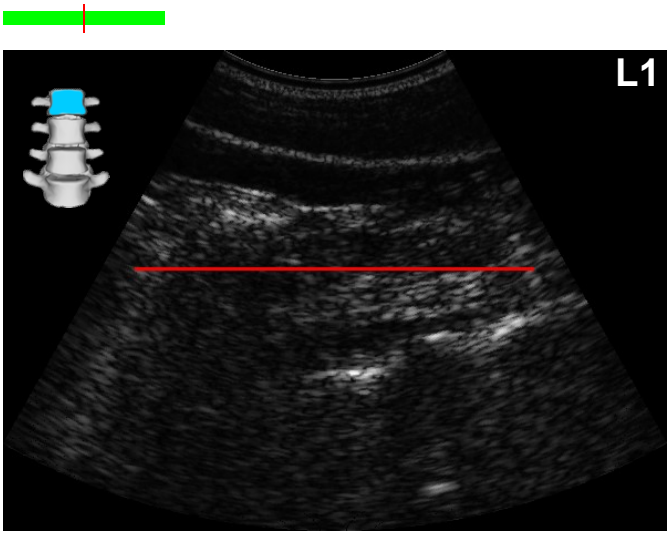
BMI= 23.44

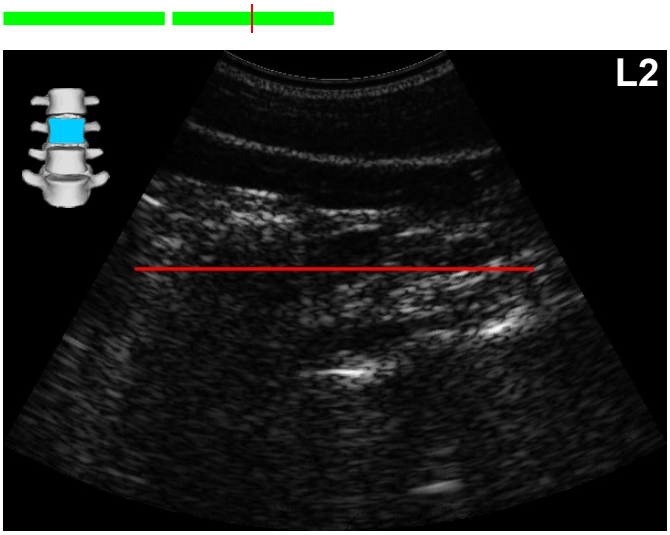
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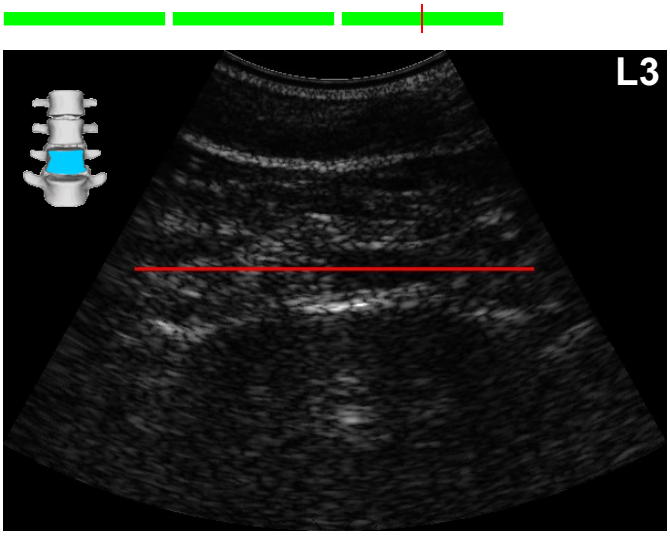
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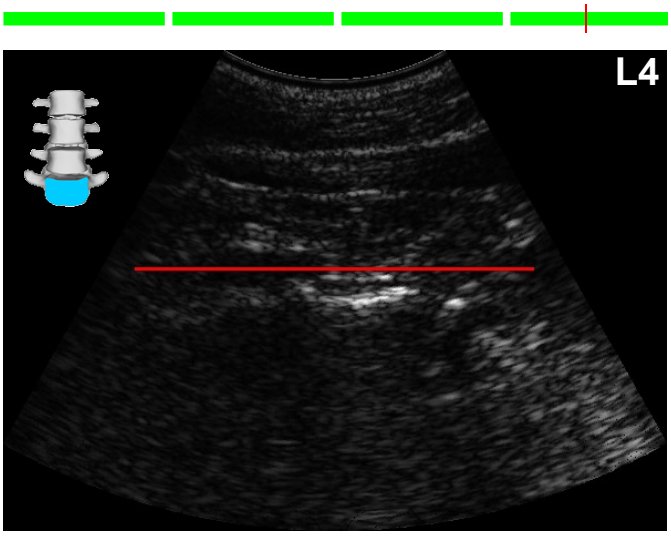
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L1-L4 acquisition sample for Focus and Depth verification *









*not for diagnostic purposes