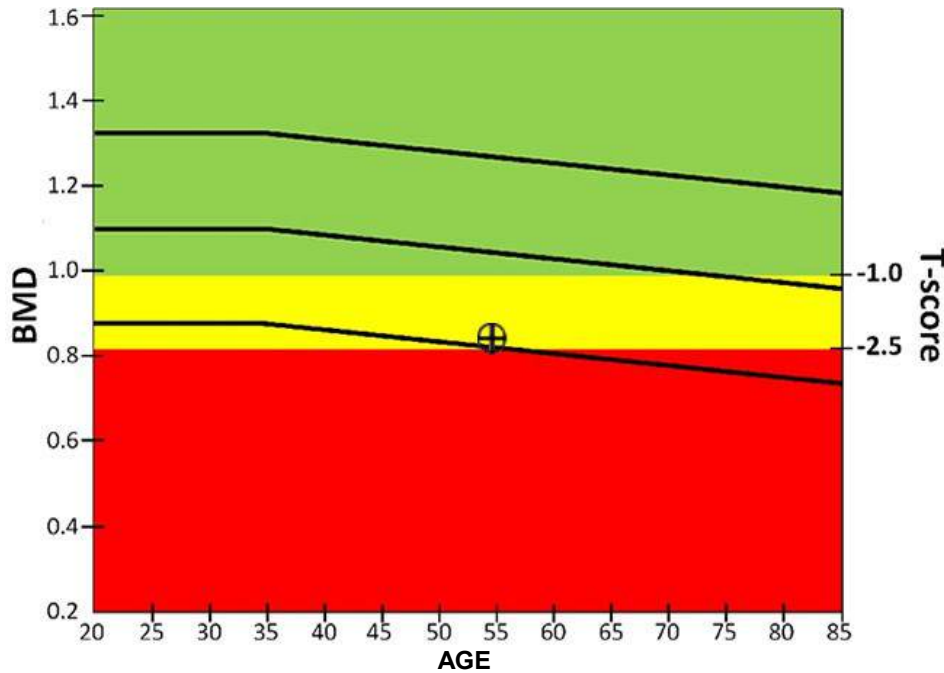


Exam date: 09/14/2023

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

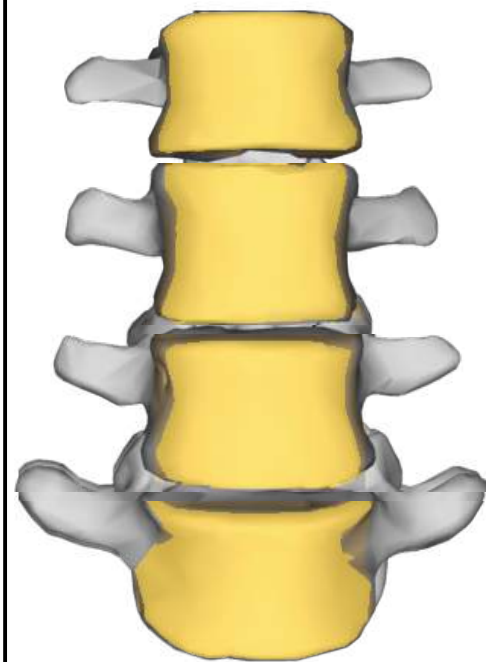
REMS densitometry: SPINE



	BMD (g/cm ²)	T-score	Z-score	Diagnosis
Total	0.844	-2.2	-1.7	Osteopenia

Fracture Risk Assessment

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



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

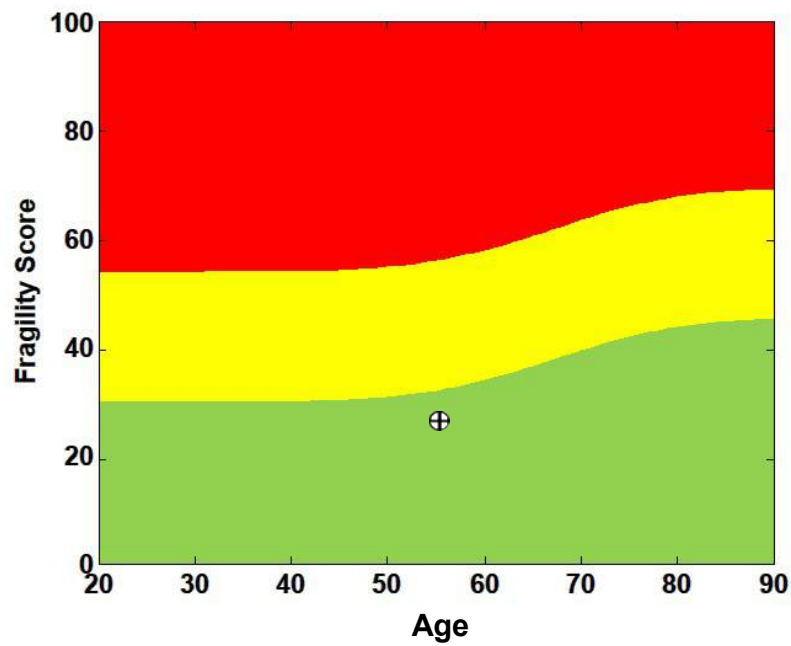
DENSITOMETRY NOTES / DIAGNOSTIC RESULT

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

		T-SCORE classification		
		NORMAL	OSTEOPENIA	OSTEOPOROSIS
Fragility Score Classification Bone Quality	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

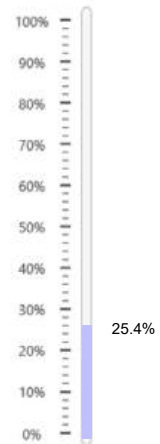
Exam date: 09/14/2023

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/m ²	18.5-24.9 kg/m ²
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 %



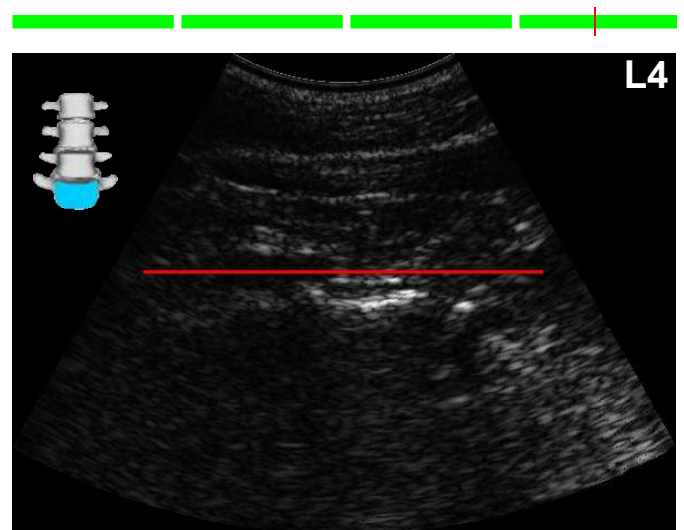
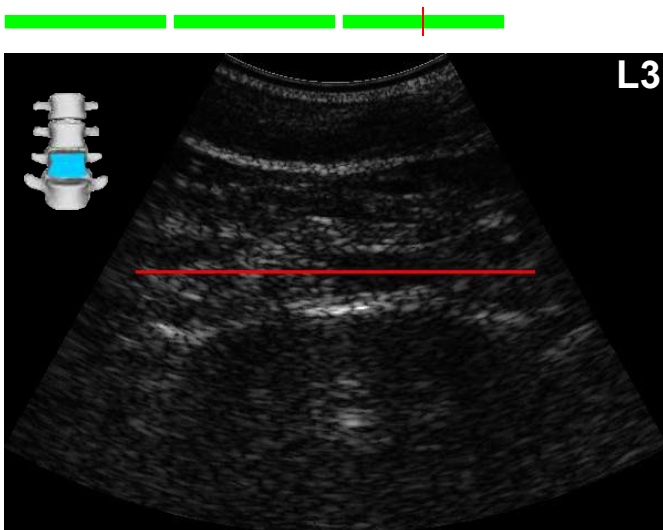
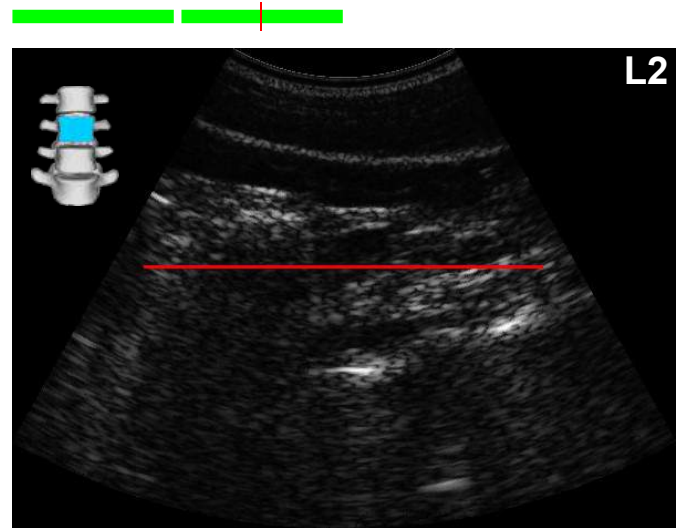
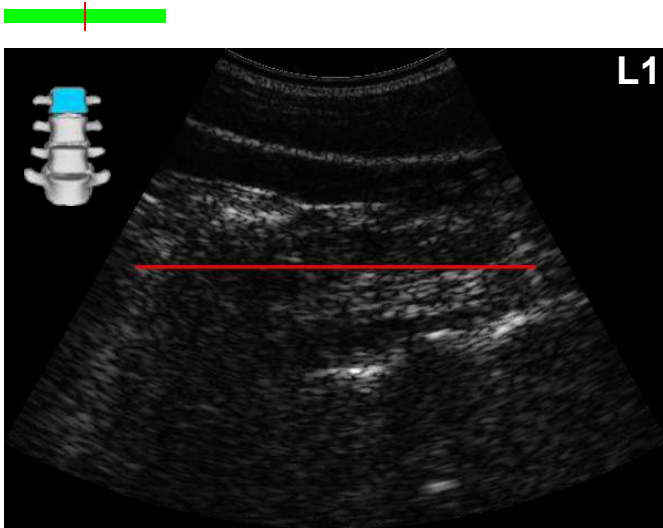
BODY MASS INDEX				
Underweight <18.5	Normal 18.5-24.9	Overweight 25-29.9	Obese 30-34.9	Ext. Obese >35
	 BMI= 23.44			

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

L1-L4 acquisition sample for Focus and Depth verification *



*not for diagnostic purposes