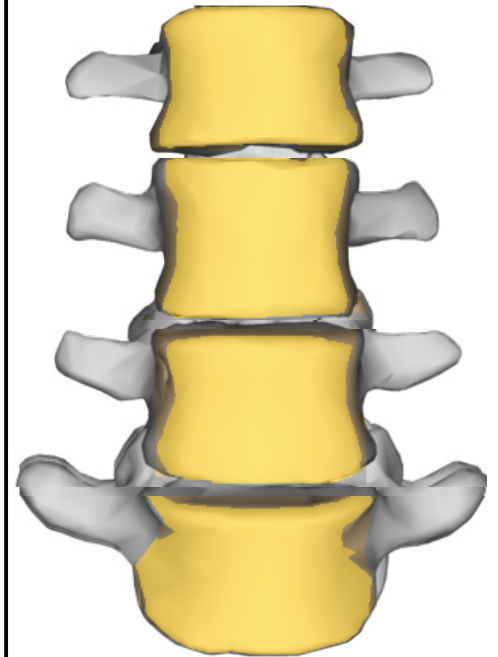
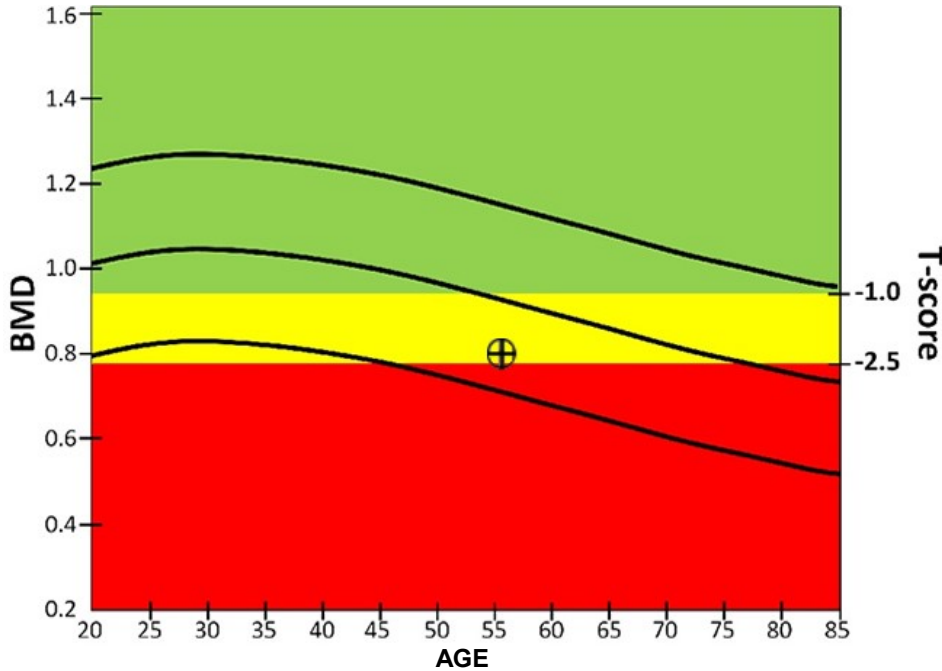


Exam date: 15/06/2020 17:34:49

Family Name: OSTEOPENIC Name: PATIENT MENOPAUSE AGE: 50

Date of Birth: 02/06/1964 Age: 56y Gender: F Weight: 60 kg H: 158 cm BMI: 24.03 kg/m²

REMS densitometry: SPINE



	BMD g/cm ²	T-score	Z-score	Diagnosis
Total	0.808	-2.2	-1	Osteopenia

	BMD	T-SCORE
L1	0.679	-2.2
L2	0.782	-2.2
L3	0.846	-2.2
L4	0.884	-2.1

Fracture Risk Assessment

Fragility Score - Spine	28.5/100
5-year Risk of Major Osteoporotic Fracture	10-20‰

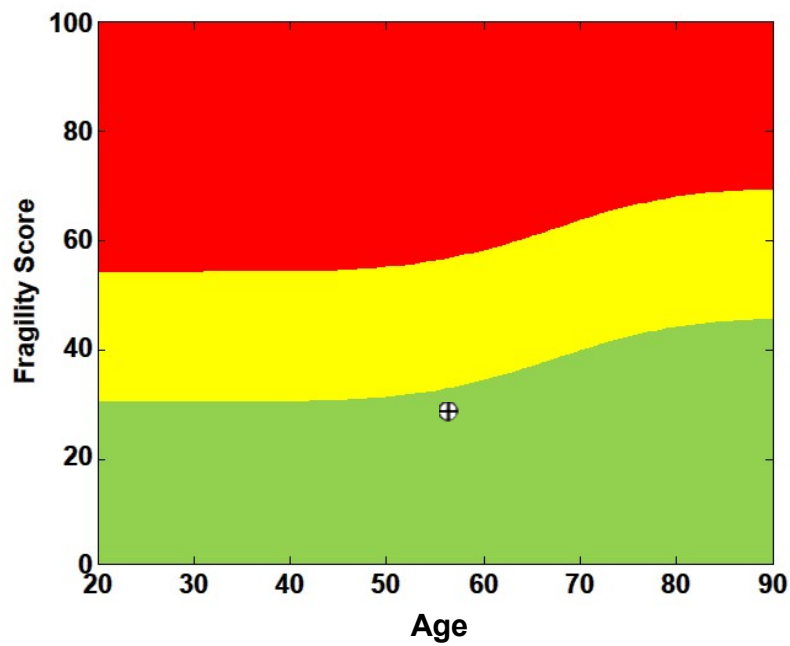
NOTES / DIAGNOSTIC RESULT

Exam date: 15/06/2020 17:34:49

Family Name: OSTEOPENIC Name: PATIENT MENOPAUSE AGE: 50

Date of Birth: 02/06/1964 Age: 56y Gender: F Weight: 60 kg H: 158 cm BMI: 24.03 kg/m²

Fragility Score REMS: Spine



Fragility Score 28.5

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

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REMS Total Risk for Major Osteoporosis Fractures

Combining Matrix of REMS BMD and Fragility Score

		REMS T-SCORE classification		
		NORMAL	OSTEOPENIA	OSTEOPOROSIS
REMS FRAGILITY SCORE Classification	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 per 5 years
R1	≤ 5
R2	[5-10]
R3	[10-20]
R4	[20-35]
R5	[35-60]
R6	[60-100]
R7	> 100

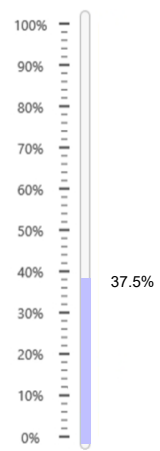
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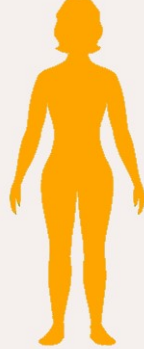



Family Name: OSTEOPENIC Name: PATIENT MENOPAUSE AGE: 50

Date of Birth: 02/06/1964 Age: 56y Gender: F Weight: 60 kg H: 158 cm BMI: 24.03 kg/m²

BODY COMPOSITION		Measured	Normal Range
BMI		24.03 kg/m ²	15.5-24.9 kg/m ²
Total Body Weight		60 kg	54.92 kg
Body FAT		37.5%	31-34%
Basal Metabolism		1303.4 kcal/day	
Activity Metabolism	Sedentary	(little or no exercise):	1564.1 kcal/day
	Moderately active	(moderate exercise/sports 3-5 days):	2020.3 kcal/day
	Very active	(hard exercise/sports 6-7 days):	2248.4 kcal/day

BODY FAT					
Years	Underweight	Slim	Fit	Overweight	Obese
19-24	< 19 %	19-22 %	22-25 %	25-29 %	> 29 %
25-29	< 19 %	19-22 %	22-25 %	25-29 %	> 29 %
30-34	< 20 %	20-23 %	23-26 %	26-30 %	> 30 %
35-39	< 21 %	21-24 %	24-28 %	28-31 %	> 31 %
40-44	< 23 %	23-26 %	26-29 %	29-33 %	> 33 %
45-49	< 24 %	24-27 %	27-31 %	31-34 %	> 34 %
50-54	< 27 %	27-30 %	30-33 %	33-36 %	> 36 %
55-59	< 27 %	27-31 %	31-34 %	34-37 %	> 37 %
≥ 60	< 28 %	28-31 %	31-34 %	34-38 %	> 38 %



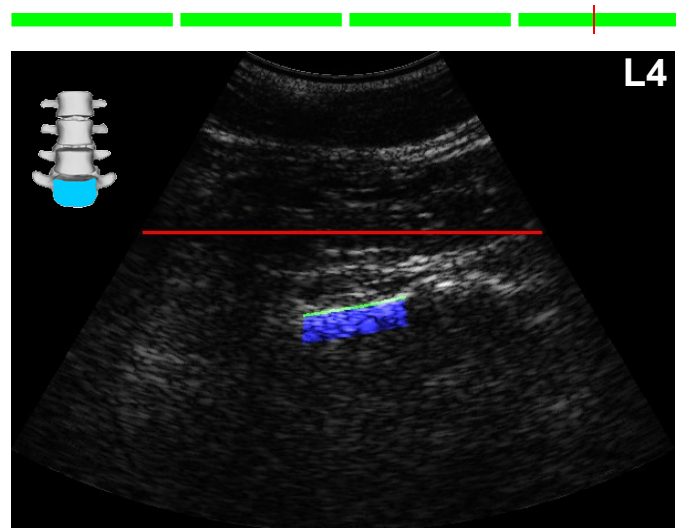
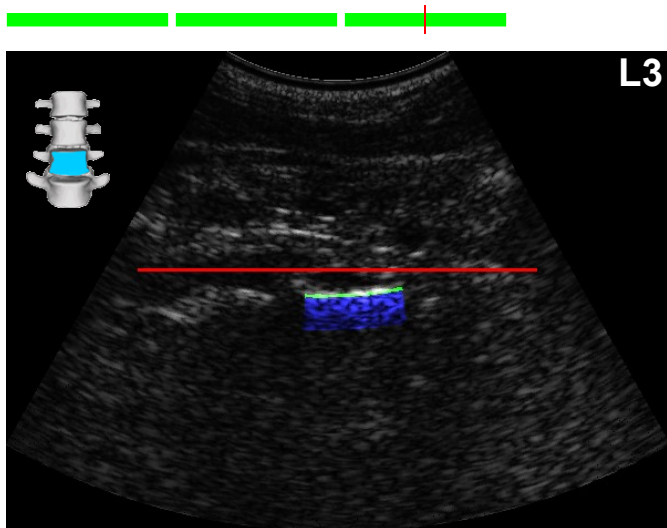
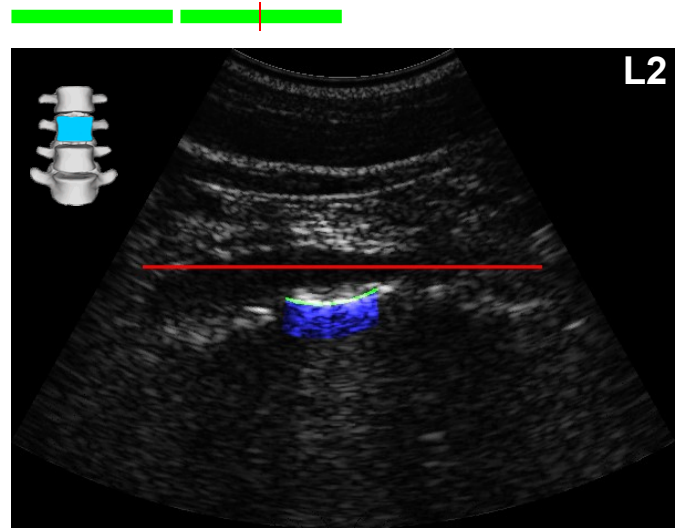
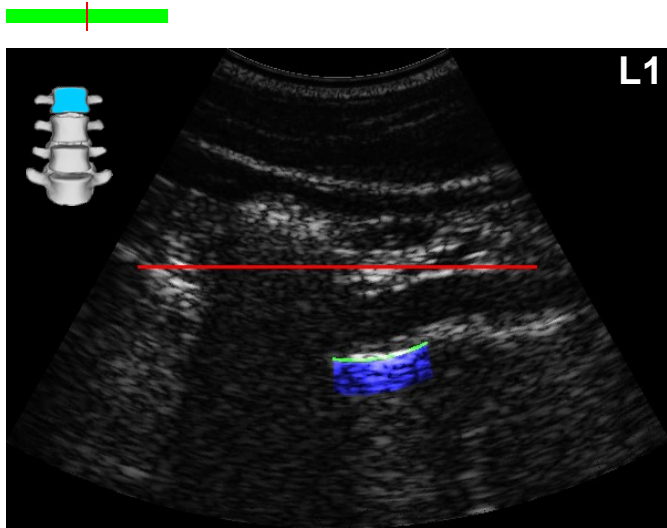
BODY MASS INDEX				
Underweight	Normal	Overweight	Obese	Ext. Obese
<18.5	18.5-24.9	25-29.9	30-34.9	>35
	 BMI= 24.03			

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Date of Birth: 02/06/1964 Age: 56y Gender: F Weight: 60 kg H: 158 cm BMI: 24.03 kg/m²

L1-L4 acquisition sample for Focus and Depth verification *



*not for diagnostic purposes