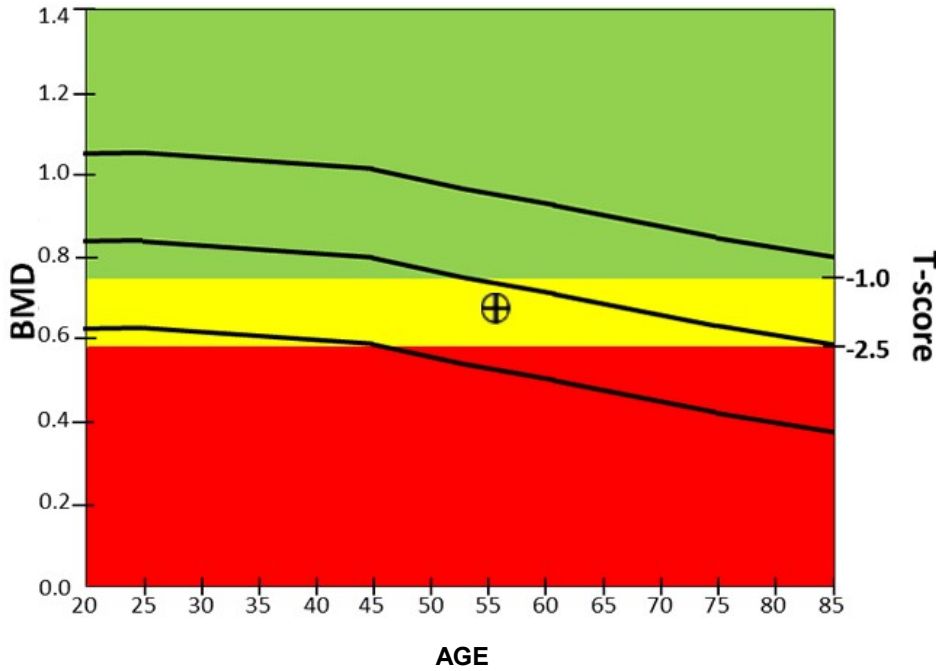


Exam date: 15/06/2020 17:31:55

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: LEFT FEMUR



	BMD g/cm ²	T-score	Z-score	Diagnosis
Neck	0.669	-1.6	-0.5	Osteopenia

	BMD	T-Score	Z-Score
Total	0.827	-0.9	-0.2
Trochanter	0.853	-0.6	0.0

Fracture Risk Assessment

Fragility Score - Hip	18.2/100
5-year Risk of Hip Fracture	4-8‰

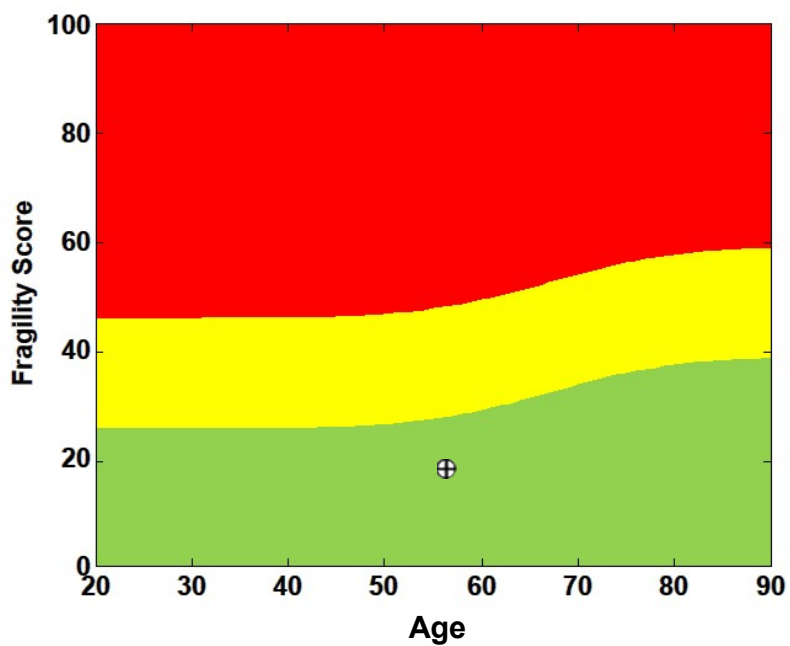
NOTES / DIAGNOSTIC RESULT

Exam date: 15/06/2020 17:31:55

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: Hip



Fragility Score 18.2

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

Exam date: 15/06/2020 17:31:55

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 Total Risk for Hip Fracture

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 hip fracture per 1000 subjects per 5 years
R1	≤ 1
R2	[1-4]
R3	[4-8]
R4	[8-15]
R5	[15-30]
R6	[30-50]
R7	> 50

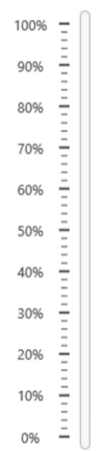
Exam date: 15/06/2020 17:31:55


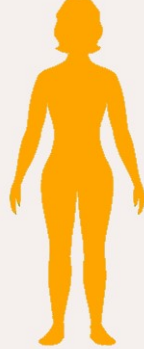



Family Name: OSTEOPENIC Name: PATIENT MENOPAUSE AGE: 50

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		N.D.	31-34%
Basal Metabolism		N.D. kcal/day	
Activity Metabolism	Sedentary	(little or no exercise):	N.D. kcal/day
	Moderately active	(moderate exercise/sports 3-5 days):	N.D. kcal/day
	Very active	(hard exercise/sports 6-7 days):	N.D. 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 %



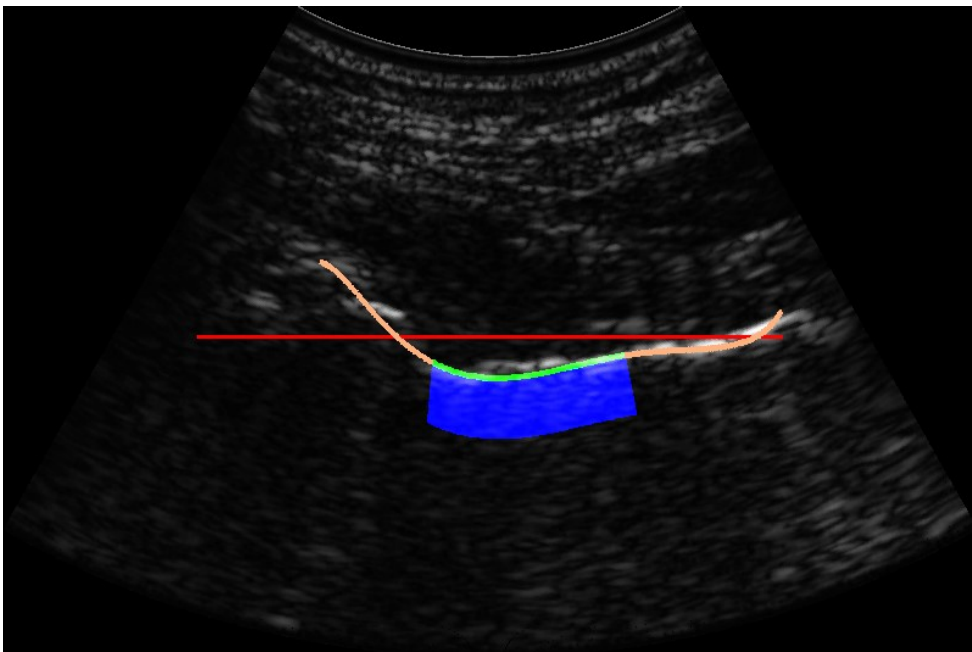
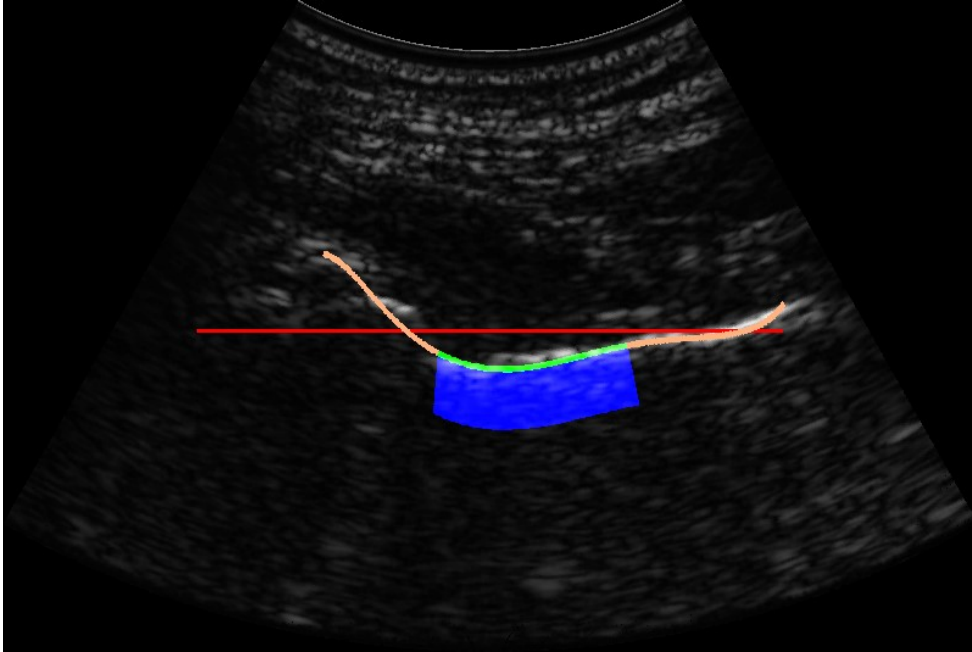
BODY MASS INDEX				
Underweight	Normal	Overweight	Obese	Ext. Obese
<18.5	18.5-24.9	25-29.9	30-34.9	>35
	 BMI= 24.03			

Exam date: 15/06/2020 17:31:55

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

Femoral acquisition sample for verification of Focus and Depth *



*not for diagnostic purposes