

Mercy Health Saint Mary's

Name: Bender, Mary

Sex: Female

Ethnicity: White

Referring Physician: Sypniewski, Rebecca

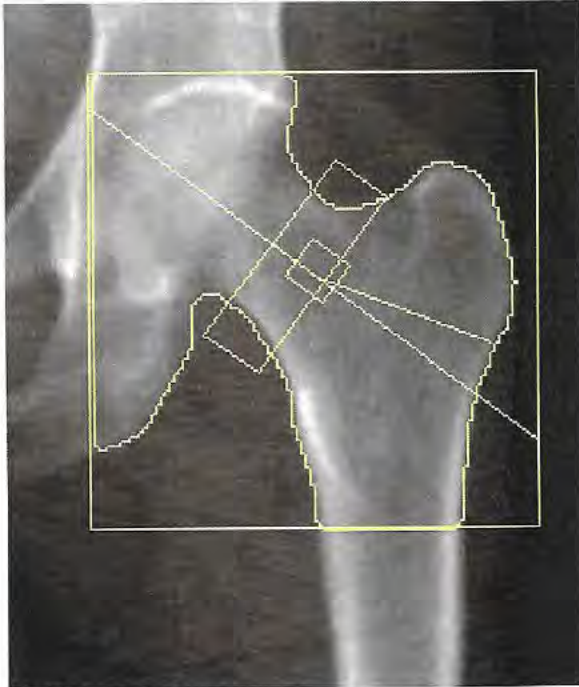


Image not for diagnostic use
 k = 1.153, d0 = 47.4
 99 x 101
 NECK: 49 x 15
 DAP: 1.7 cGy*cm²

Scan Information:

Scan Date: October 05, 2020
 Scan Type: f Left Hip
 Analysis: October 05, 2020 13:55 Version 13.5.3.2:3
 Hip
 Operator: DW
 Model: Discovery A (S/N 85664)
 Comment:

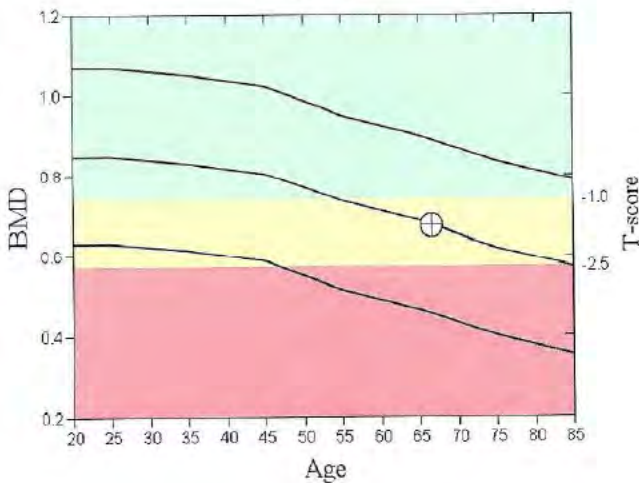
DXA Results Summary:

Region	Area (cm ²)	BMC (g)	BMD (g/cm ²)	T - score	PR (%)	Z - score	AM (%)
Neck	4.95	3.33	0.673	-1.6	79	0.0	100
Troch	11.24	7.49	0.666	-0.4	95	0.8	114
Inter	18.23	16.95	0.929	-1.1	84	-0.1	99
Total	34.42	27.76	0.807	-1.1	86	0.2	103

Total BMD CV 1.0%, ACF = 1.026, BCF = 1.007, TH = 5.834

WHO Classification: Osteopenia

Neck



T-score vs. White Female. Source: BMDCS/NHANES White Female. Z-score vs. White Female. Source: BMDCS/NHANES White Female.



10-year Fracture Risk¹

Major Osteoporotic Fracture 8.7%

Hip Fracture 1.1%

Reported Risk Factors:

US (Caucasian), Neck BMD=0.673, BMI=22.2

¹ FRAX® Version 3.08. Fracture probability calculated for an untreated patient. Fracture probability may be lower if the patient has received treatment.

Comment:

All treatment decisions require clinical judgment and consideration of individual patient factors, including patient preferences, comorbidities, previous drug use and risk factors not captured in the FRAX model (e.g. frailty, falls, vitamin D deficiency, increased bone turnover, interval significant decline in BMD).

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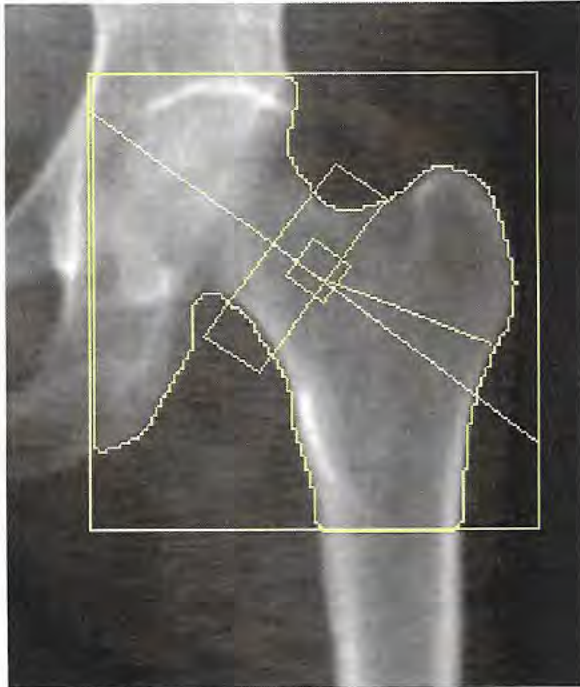
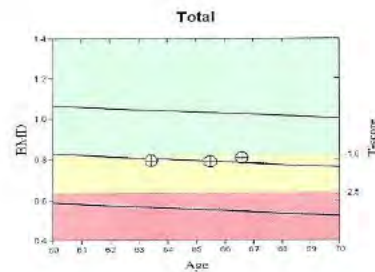


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Scan Information:

Scan Date: October 05, 2020
Scan Type: f Left Hip
Analysis: October 05, 2020 13:55 Version 13.5.3.2
Hip
Operator: DW
Model: Discovery A (S/N 85664)
Comment:



T-score vs. White Female. Source:BMDCS/NHANES White Female. Z-score vs. White Female. Source:BMDCS/NHANES White Female.



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Hip Fracture 1.1%

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¹ FRAX® Version 3.08. Fracture probability calculated for an untreated patient. Fracture probability may be lower if the patient has received treatment.

DXA Results Summary:

Scan Date	Age	BMD (g/cm ²)	T - score	BMD Change (g/cm ²) vs Baseline	BMD Change (g/cm ²) vs Previous
10/05/2020		0.807	-1.1	0.010 (1.3%)	0.017 (2.2%)
08/30/2019		0.789	-1.3	-0.007 (-0.9%)	-0.007 (-0.9%)
08/09/2017		0.796	-1.2		

* Denotes significance at 95% confidence level, site specific LSC is 0.024 g/cm²

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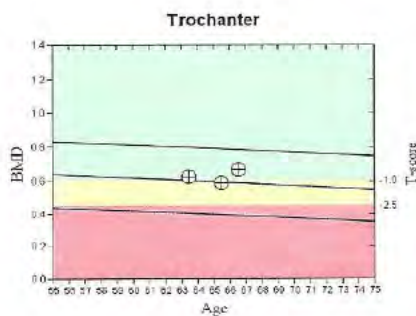
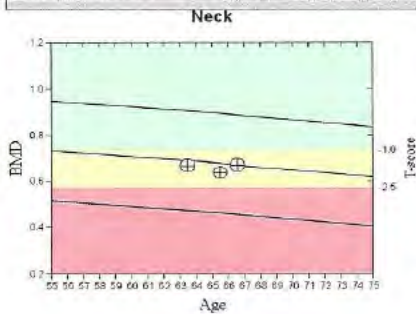
Sex: Female

Ethnicity: White

DXA Results Summary:

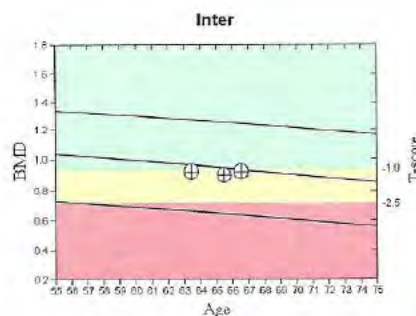
Scan Date	Age	BMD (g/cm ²)	T - score	BMD Change (g/cm ²) vs Baseline	BMD Change (g/cm ²) vs Previous
10/05/2020		0.673	-1.6	0.003 (0.5%)	0.034 (5.3%)*
08/30/2019		0.639	-1.9	-0.030 (-4.5%)*	-0.030 (-4.5%)*
08/09/2017		0.669	-1.6		

* Denotes significance at 95% confidence level, LSC is 0.029 g/cm²



Scan Date	Age	BMD (g/cm ²)	T - score	BMD Change (g/cm ²) vs Baseline	BMD Change (g/cm ²) vs Previous
10/05/2020		0.666	-0.4	0.044 (7.0%)*	0.079 (13.4%)*
08/30/2019		0.588	-1.1	-0.035 (-5.6%)*	-0.035 (-5.6%)*
08/09/2017		0.623	-0.8		

* Denotes significance at 95% confidence level, LSC is 0.018 g/cm²



Scan Date	Age	BMD (g/cm ²)	T - score	BMD Change (g/cm ²) vs Baseline	BMD Change (g/cm ²) vs Previous
10/05/2020		0.929	-1.1	0.002 (0.2%)	0.023 (2.5%)
08/30/2019		0.907	-1.2	-0.020 (-2.2%)	-0.020 (-2.2%)
08/09/2017		0.927	-1.1		

* Denotes significance at 95% confidence level, LSC is 0.025 g/cm²

Scan Type: f Left Hip - A1005200Z

T-score vs. White Female.
Source:BMDCS/NHANES White Female.
Z-score vs. White Female.
Source:BMDCS/NHANES White Female.

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Ethnicity: White

Referring Physician: Sypniewski, Rebecca

Scan Information:

Scan Date: October 05, 2020

Scan Type: f Lumbar Spine

Analysis: October 05, 2020 13:52 Version 13.5.3.2:3
Spine

Operator: DW

Model: Discovery A (S/N 85664)

Comment:

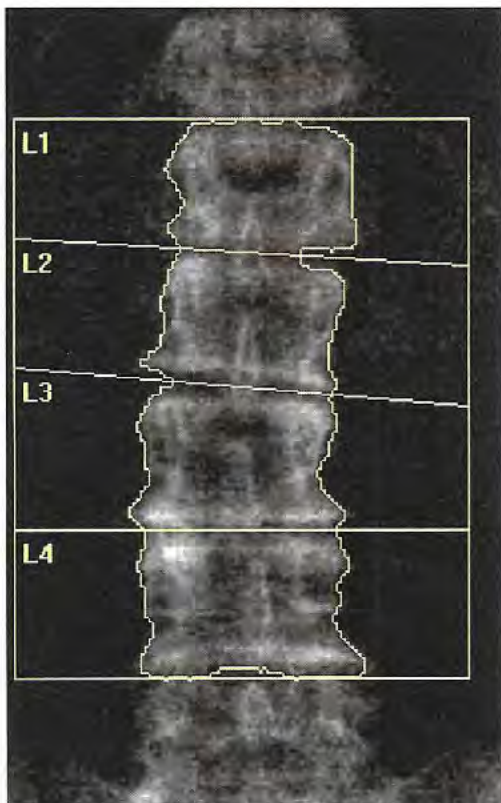


Image not for diagnostic use

k = 1.146, d0 = 43.6

116 x 143

DAP: 2.3 cGy*cm²

DXA Results Summary:

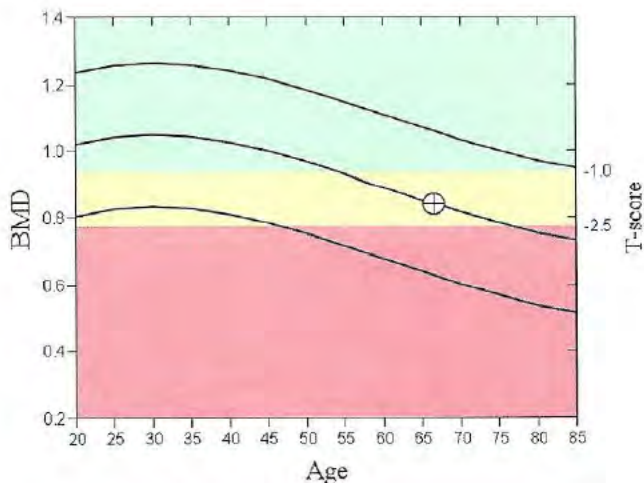
Region	Area (cm ²)	BMC (g)	BMD (g/cm ²)	T-score	PR (%)	Z-score	AM (%)
L1	14.79	10.91	0.737	-2.3	74	-0.6	91
L2	15.20	12.18	0.802	-2.1	78	-0.2	97
L3	17.25	15.93	0.924	-1.5	85	0.5	106
L4	19.43	17.10	0.880	-1.6	83	0.4	105
Total	66.66	56.12	0.842	-1.9	80	0.0	100

Total BMD CV 1.0%, ACF = 1.026, BCF = 1.007, TH = 7.250

WHO Classification: Osteopenia

Fracture Risk: Increased

Total



Comment:

T-score vs. White Female. Source: BMDCS/Hologic White Female. Z-score vs. White Female. Source: BMDCS/Hologic White Female.

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Scan Type: f Lumbar Spine

Analysis: October 05, 2020 13:52 Version 13.5.3.2
Spine

Operator: DW

Model: Discovery A (S/N 85664)

Comment:

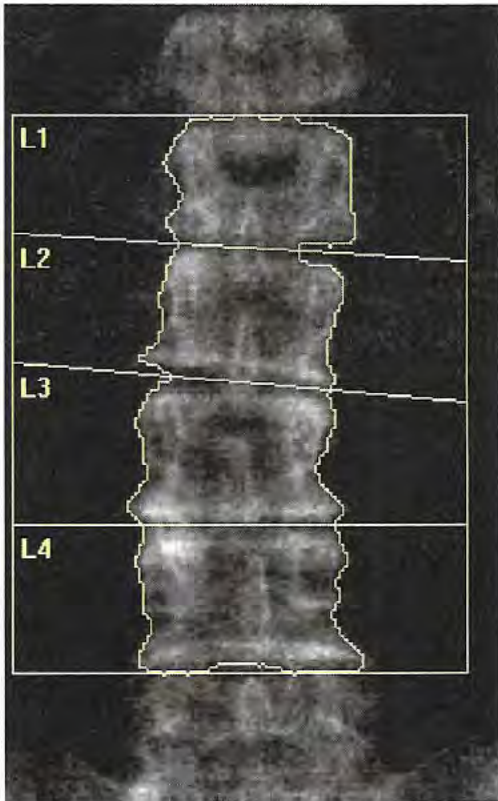
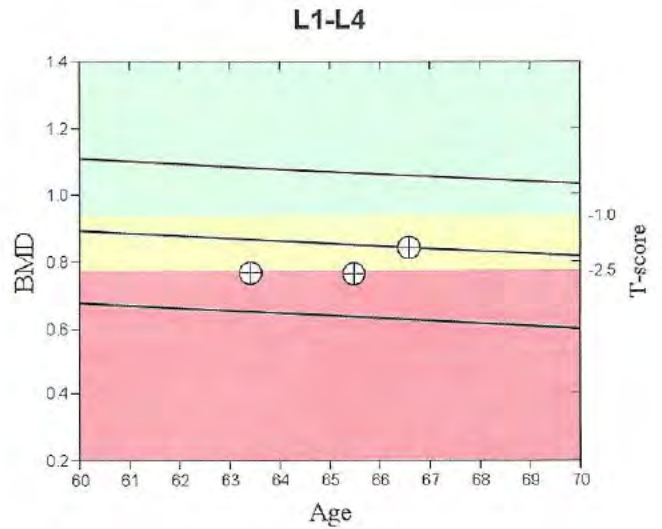


Image not for diagnostic use
116 x 143
DAP: 2.3 cGy*cm²



T-score vs. White Female. Source: BMDCS/Hologic White Female. Z-score vs. White Female. Source: BMDCS/Hologic White Female.

DXA Results Summary: L1-L4

Scan Date	Age	BMD (g/cm ²)	T-score	BMD Change (g/cm ²) vs Baseline	BMD Change (g/cm ²) vs Previous
10/05/2020		0.842	-1.9	0.074 (9.6%)*	0.077 (10.1%)*
08/30/2019		0.765	-2.6	-0.004 (-0.5%)	-0.004 (-0.5%)
08/09/2017		0.768	-2.5		

* Denotes significance at 95% confidence level, site specific LSC is 0.029 g/cm²

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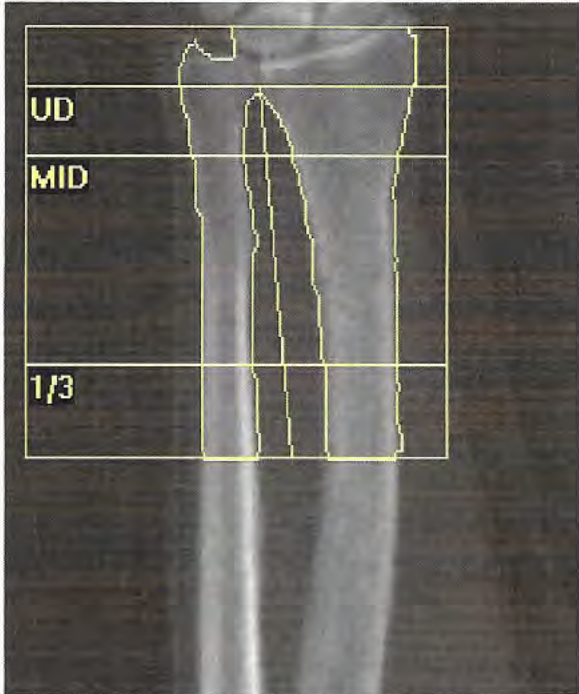


Image not for diagnostic use
 k = 1.204, d0 = 64.2
 185 x 95, Forearm Length: 25.5 cm
 DAP: 0.8 cGy*cm²

Scan Information:

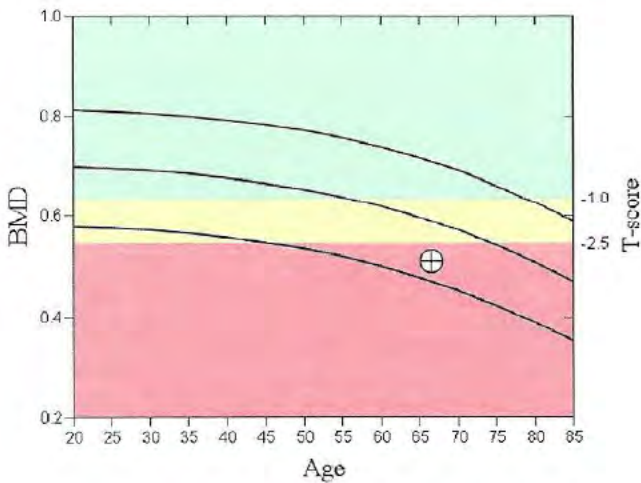
Scan Date: October 05, 2020
 Scan Type: a L.Forearm
 Analysis: October 05, 2020 13:51 Version 13.5.3.2:3
 Left Forearm
 Operator: DW
 Model: Discovery A (S/N 85664)
 Comment:

DXA Results Summary:

Radius	Area (cm ²)	BMC (g)	BMD (g/cm ²)	T - score	PR (%)	Z - score	AM (%)
UD	3.84	1.38	0.359	-1.5	81	-0.2	97
MID	7.32	3.39	0.463	-2.6	76	-0.9	90
1/3	2.91	1.48	0.509	-3.1	73	-1.3	87
Total	14.07	6.25	0.444	-2.5	77	-0.8	91

Total BMD CV 1.0%, ACF = 1.026, BCF = 1.007
 WHO Classification: Osteoporosis
 Fracture Risk: High

1/3 (Radius)



Comment:

T-score vs. White Female, Source:BMDCS/Hologic Z-score vs. White Female, Source:BMDCS/Hologic

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 Scan Type: a L.Forearm
 Analysis: October 05, 2020 13:51 Version 13.5.3.2
 Left Forearm
 Operator: DW
 Model: Discovery A (S/N 85664)
 Comment:

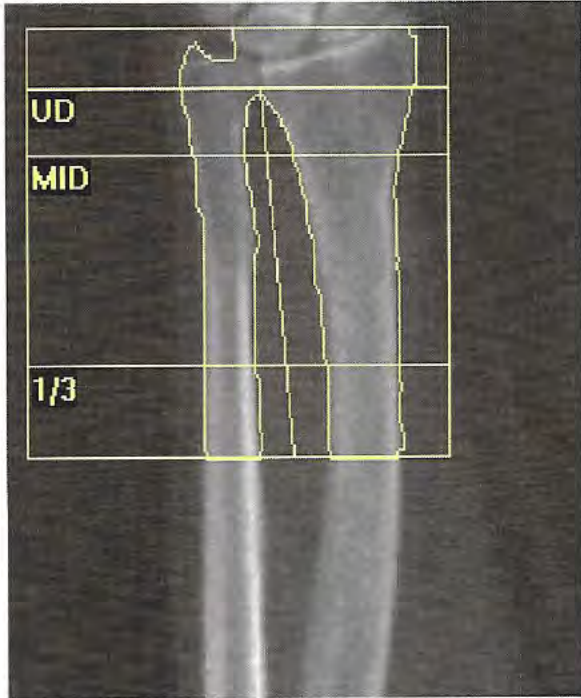
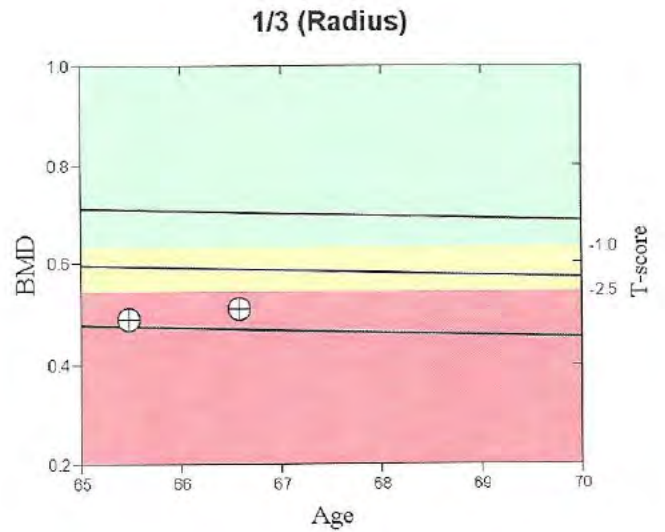


Image not for diagnostic use
 185 x 95
 DAP: 0.8 cGy*cm²



T-score vs. White Female. Source:BMDCS/Hologic Z-score vs. White Female. Source:BMDCS/Hologic

DXA Results Summary:

Scan Date	Age	BMD (g/cm ²)	T-score	BMD Change (g/cm ²) vs Baseline	BMD Change (g/cm ²) vs Previous
10/05/2020	66	0.509	-3.1	0.019 (3.8%)	0.019 (3.8%)
08/30/2019	65	0.491	-3.4		

* Denotes significance at 95% confidence level, LSC is 0.023 g/cm²