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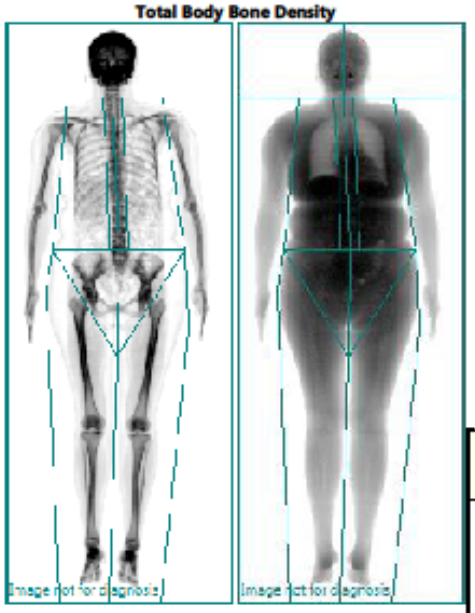
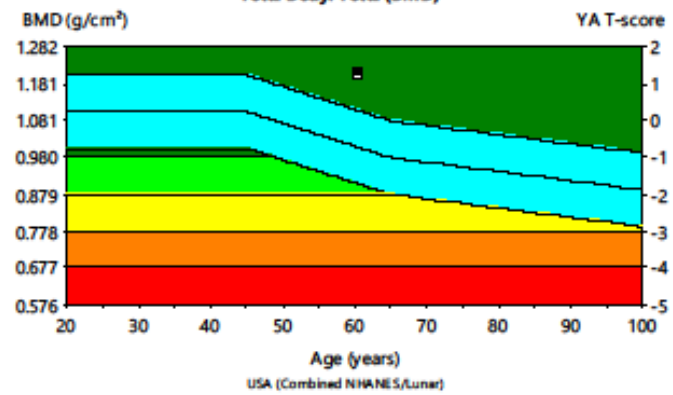
Total Body Densitometry – save as *ID_visit#_Bone*

Patient:
Birth Date:
Height:
Sex:

Total Body Bone Density



Total Body: Total (BMD)



COMMENTS:

Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)

Region	BMD (g/cm²)	YA T-score	AM Z-score
Head	2.513	-	-
Arms	0.928	-	-
Legs	1.202	-	-
Trunk	0.963	-	-
Ribs	0.781	-	-
Spine	1.131	-	-
Pelvis	1.007	-	-
Total	1.211	1.3	2.0

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm² for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body, Female Reference Population (v113); Matched for Age, Sex, Weight (females 25-100 kg), Ethnic
Date created: 02/01/2020 9:02:27 AM 17 (SP 4); Filename: 14ej4q4jny.meb; Total Body; 100,0.19:153.85:15.6 0.00:-1.00 2.40±3.04 13.2%Fat=49.2%; 0.00:0.00 0.00:0.00; Scan Mode: Standard; 3.0 µGy

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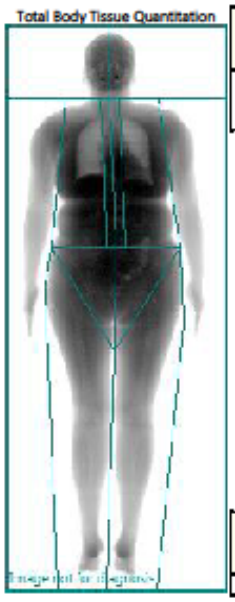
Total Body Composition – save as *ID_visit#_BC*

Patient:
Birth Date:
Height:
Sex:

Total Body Tissue Quantitation

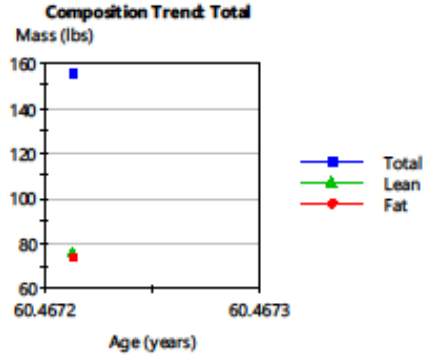


Composition (Enhanced Analysis)

Region	Tissue (%Fat)	Centile	Total Mass (lbs)	Fat (lbs)	Lean (lbs)	BMC (lbs)
Legs	44.5	-	45.2	19.4	24.2	1.6
Trunk	53.8	-	85.8	45.4	38.9	1.5
Total	49.2	-	155.0	73.9	76.3	4.9

USA (Lunar) Reference Chart: No reference data for Total Body [Total] region.
USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.

Composition Trend: Total



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)

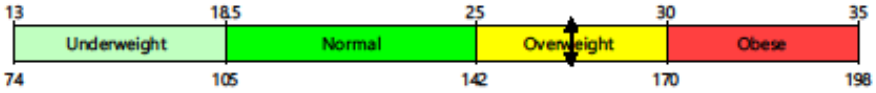
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (lbs)	Tissue (lbs)	Fat (lbs)	Lean (lbs)	BMC (lbs)	Fat Free (lbs)
01/22/2020	60.4	49.2	-	155.0	150.1	73.9	76.3	4.9	81.1

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)

Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
01/22/2020	60.4	55.0	48.4	1.14	49.2

World Health Organization BMI Classification

BMI = 27.5 (kg/m²)



Weight (lbs.) for height = 63.1 in.

COMMENTS:

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Total Body Composition Ancillary – save as *ID_visit#_BCExt*

Patient:	**Referring Physician:** (not specified)
Birth Date:	**Patient ID:**
Height:	**Measured:**
Sex:	**Analyzed:**

BODY COMPOSITION: Total Body (Enhanced Analysis)

Region	Tissue (%Fat)	Region (%Fat)	Tissue (lbs)	Fat (lbs)	Lean (lbs)	BMC (lbs)	Total Mass (lbs)
Arms	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Legs	60.8	58.8	9.2	5.6	3.6	0.3	9.5
Trunk	62.8	60.6	14.9	9.4	5.5	0.6	15.5
Android	63.3	61.0	1.7	1.1	0.6	0.1	1.8
Gynoid	64.0	61.6	3.4	2.2	1.2	0.1	3.5
Total	59.9	57.9	26.0	15.5	10.4	0.9	26.9

Fat Mass Ratios:

Trunk Fat Mass/Total Fat Mass	Legs Fat Mass/Total Fat Mass	Limbs Fat Mass/Trunk Fat Mass
0.60	0.36	0.60

Estimated Visceral Adipose Tissue

Volume	Mass	Area
25.22 in^3	0.86 lbs	28.50 in^2

Estimated Subcutaneous Adipose Tissue

Volume	Mass	Area
11.00 in^3	0.38 lbs	12.44 in^2

Statistically 68% of repeat scans fall within 1SD (± 0.4 % Fat, ±0.33 lbs. Tissue Mass, ±0.62 lbs. Fat Mass, ±0.68 lbs. Lean Mass for Total Body Total)
Date created: 10/20/2020 12:35:05 PM 18 (SP 2); Filename: qpgjiq4jzo.mebj; Total Body; 100,0.19:153.85:15.6 0.00:-1.00 2.40x3.04 13.0:%Fat=59.9%; 0.00:0.00 0.00:0.00; Scan Mode: Standard; 3.0 µGy; 1.20 cGy*cm^2

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Lumbar Spine – save as *ID_visit#_LS*

Patient:
Birth Date:
Height:
Sex:

Referring Physician: (not specified)

AP Spine Bone Density

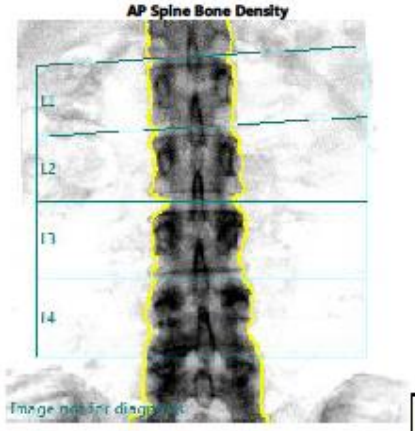
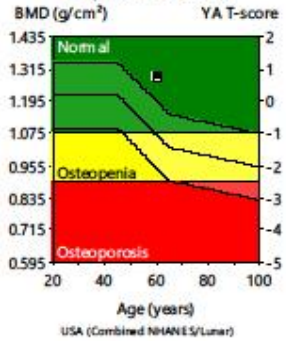
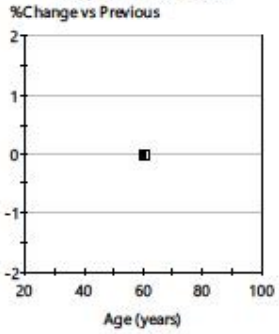


Image not for diagnostic use

AP Spine: L1-L4 (BMD)



AP Spine: L1-L4 (BMD)



COMMENTS:

Densitometry: USA (Combined NHANES/Lunar)

Region	BMD (g/cm²)	YA T-score	AM Z-score
L1	1.127	-0.1	0.9
L2	1.162	-0.4	0.6
L3	1.358	1.1	2.2
L4	1.433	1.7	2.7
L1-L4	1.285	0.7	1.8

Densitometry Trend: L1-L4

Measured Date	Age (years)	BMD (g/cm²)	Change vs Previous (g/cm²)	Change vs Previous (%)
01/22/2020	60.4	1.285	-	-

(*) Indicates significant change based on 95% confidence interval. (LSC= 0.028 g/cm² for AP Spine L1-L4); Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm² for AP Spine L1-L4); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) AP Spine, Female Reference Population (v113); Matched for Age, Sex, Weight (females 25-100 kg), Ethnic; World Health Organization - Definition of Osteoporosis and Osteopenia for Caucasian Women: Normal = T-score at or above -1.0 SD; Osteopenia = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.)
Date created: 02/01/2020 9:03:41 AM 17 (SP 4); Filename: 1fej4q4jsy.mex; AP Spine; 100,2.50:50.00:6.0 0.00:10.74 0.30±0.25 23.5%Fat=41.7%; 0.00:0.00 0.00:0.00; Scan Mode: Standard;OneScan; 146.0 µGy

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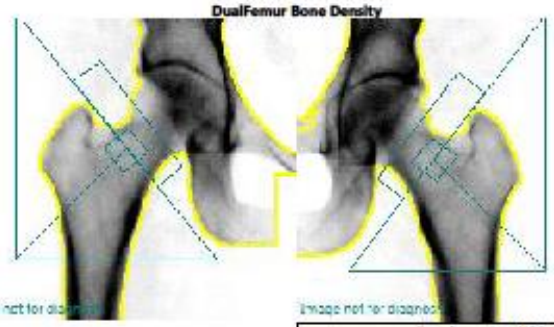
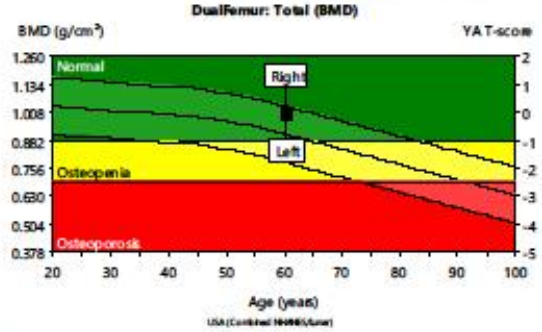
Dual Hip – save as *ID_visit#_DH*

Patient:
Birth Date:
Height:
Sex:

DualFemur Bone Density



DualFemur: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar)

Region	BMD (g/cm²)	YA T-score	AM Z-score
Neck Left	0.980	-0.4	0.7
Neck Right	0.999	-0.3	0.8
Neck Mean	0.989	-0.4	0.8
Neck Diff.	0.019	0.1	0.1
Total Left	0.991	-0.1	0.7
Total Right	1.007	0.0	0.8
Total Mean	0.999	-0.1	0.7
Total Diff.	0.016	0.1	0.1

COMMENTS:

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm² for DualFemur Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Femur, Female Reference Population (v113); Matched for Age, Sex, Weight (females 25-100 kg), Ethnic; DualFemur Total T-score difference is 0.1. Asymmetry is None; World Health Organization - Definition of Osteoporosis and Osteopenia for Caucasian Women: Normal = T-score at or above -1.0 SD; Osteopenia = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.)
Date created: 02/01/2020 9:03:42 AM 17 [SP 4]; Filename: 1fej4q4jxy.mes; ; Left Femur; 100,2.50:50.00:6.0 0.00:12.66 0.30:0.25 18.9:%Fat=32.9%; 0.00:0.00 0.00:0.00; Neck Angle (deg)= 53; Scan Mode: Standard; 146.0 µGy; Right Femur; 100,2.50:50.00:6.0 0.00:12.24 0.30:0.25 18.3:%Fat=34.0%; 0.00:0.00 0.00:0.00; Neck Angle (deg)= 51; Scan Mode: Standard; 146.0 µGy

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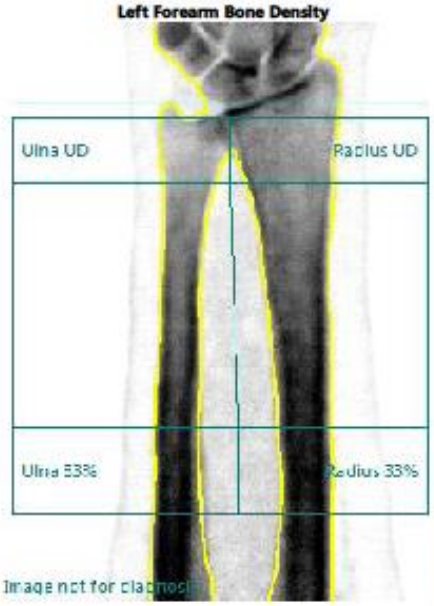
R or L Radius – save as *ID_visit#_Rad*

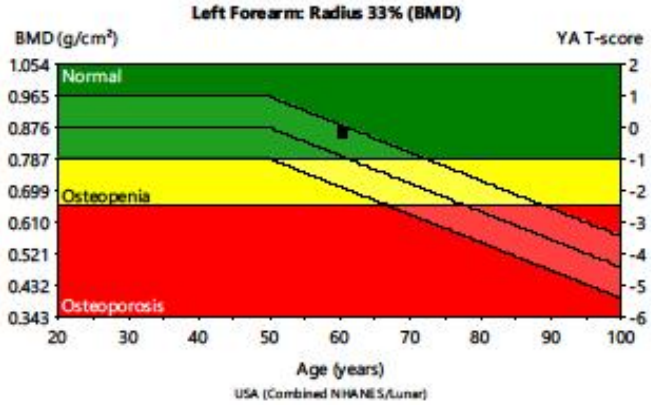
** if you scan both radii you will only get data from a single scan, place the other side scans in a separate input folder and repeat the process and simply cut and past the data into your main data document.*

Patient:
Birth Date:
Height:
Sex:

Left Forearm Bone Density



Left Forearm: Radius 33% (BMD)



Densitometry: USA (Combined NHANES/Lunar)

Region	BMD (g/cm²)	YA T-score	AM Z-score
Radius UD	0.437	-0.6	0.4
Ulna UD	0.322	-	-
Radius 33%	0.861	-0.2	0.8
Ulna 33%	0.833	-	-
Both UD	0.391	-	-
Both 33%	0.848	-	-
Radius Total	0.647	-0.5	0.5
Ulna Total	0.596	-	-
Both Total	0.626	-	-

COMMENTS:

Statistically 68% of repeat scans fall within 1SD (± 0.020 g/cm² for Left Forearm Radius 33%); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Forearm, Female Reference Population (v113); Matched for Age, Sex, Ethnic; Lunar calibration in use.; World Health Organization - Definition of Osteoporosis and Osteopenia for Caucasian Women: Normal = T-score at or above -1.0 SD; Osteopenia = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.)
Date created: 02/01/2020 9:04:15 AM 17 (SP 4); Filename: zuejl4q4jsy.mea; Left Forearm; 100,0.19:50.00:6.0 0.00:6.20 0.30:0.25 5.6:%Fat=48.2%; 0.00:0.00 0.00:0.00; Forearm Length: 25.4 cm; Scan Mode: Standard;Not seated; 10.0 µGy

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