GE enCORE v. 16
Total Body Densitometry – save as *ID_visit#_Bone*
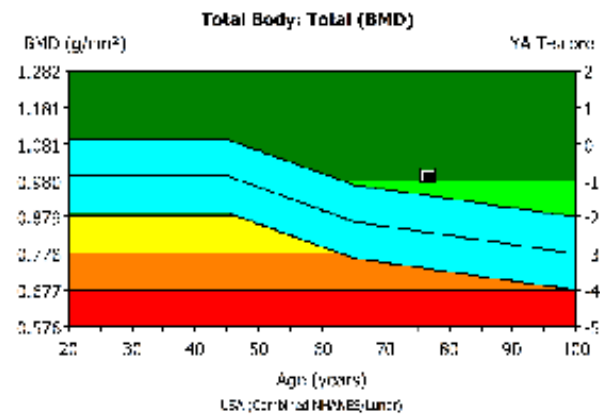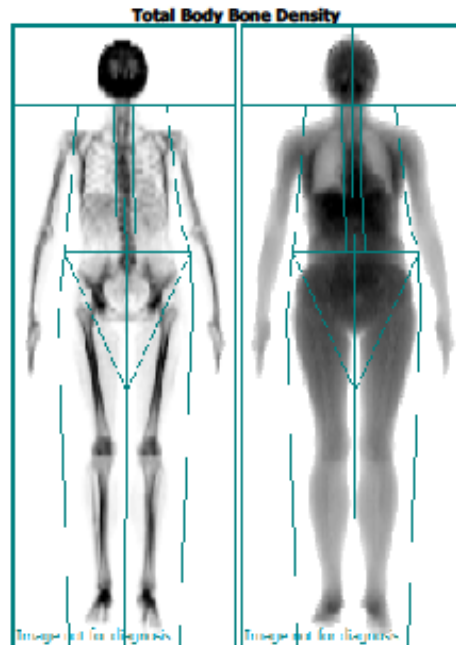
GE enCORE v. 16

Total Body Densitometry Ancillary – save as
ID_visit#_BoneExt

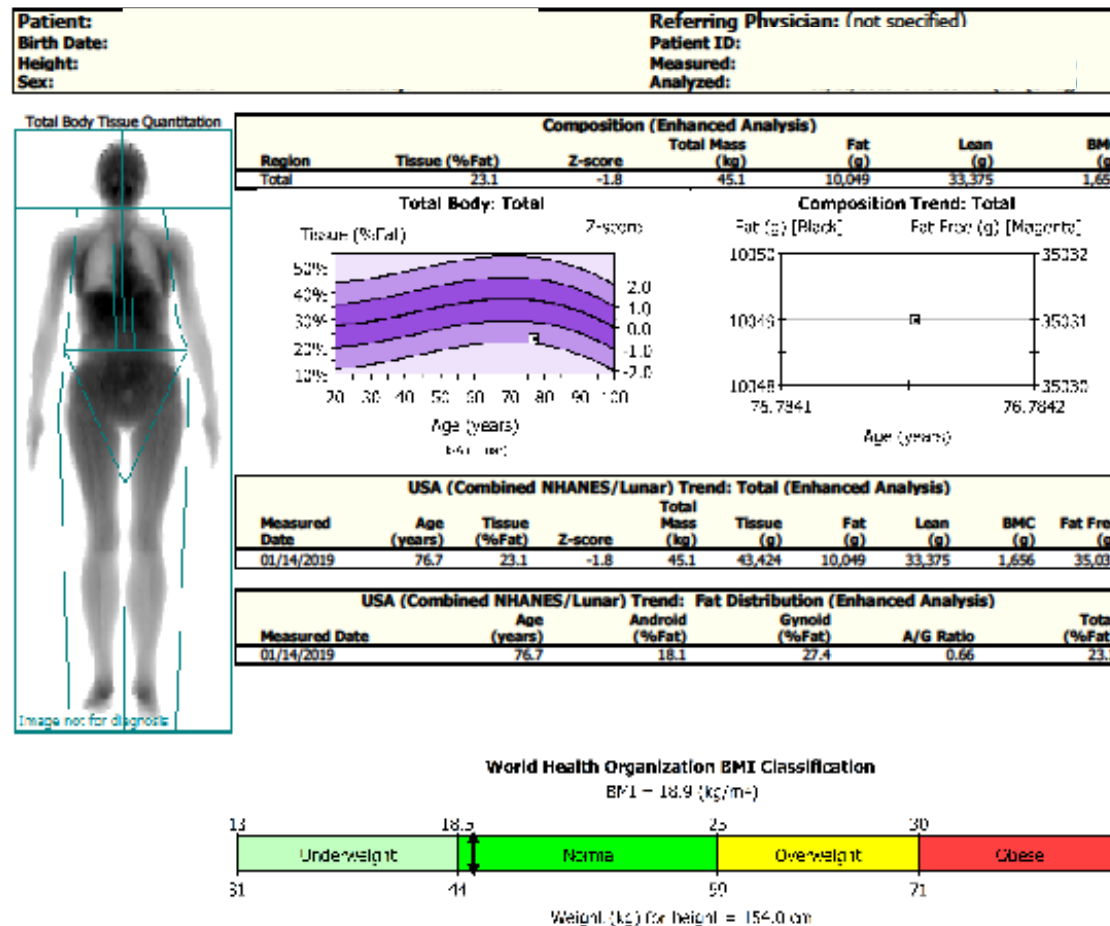| Patient:		Referring Physician: (not specified)
Birth Date:		Patient ID:
Height:		Measured:
Sex:		Analyzed:

ANCILLARY RESULTS: Total Body (Enhanced Analysis)

Region	BMD (g/cm²)	YA (%)	YA T-score	AM (%)	AM Z-score	BMC (g)	Area (cm²)
Head	2.100	-	-	-	-	400	190
Arms	0.729	-	-	-	-	209	287
Arm Right	0.748	-	-	-	-	108	144
Arm Left	0.709	-	-	-	-	102	143
Legs	1.009	-	-	-	-	619	614
Leg Right	1.035	-	-	-	-	315	305
Leg Left	0.983	-	-	-	-	304	309
Trunk	0.741	-	-	-	-	428	577
Trunk Right	0.769	-	-	-	-	228	297
Trunk Left	0.711	-	-	-	-	199	280
Ribs	0.584	-	-	-	-	113	194
Spine	0.921	-	-	-	-	126	137
Pelvis	0.765	-	-	-	-	188	246
Total	0.992	94	-0.9	113	1.6	1,656	1,669
Total Right	1.015	-	-	-	-	855	843
Total Left	0.970	-	-	-	-	801	826

GE Healthcare

Lunar Prodigy
DF+500475

GE enCORE v. 16
Total Body Composition – save as *ID_visit#_BC*

Patient:
Birth Date:
Height:
Sex:

Referring Physician: (not specified)
Patient ID:
Measured:
Analyzed:

Total Body Tissue Quantitation

Composition (Enhanced Analysis)

Region	Tissue (%Fat)	Z-score	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Total	23.1	-1.8	45.1	10,049	33,375	1,656

Total Body: Total

Tissue (%Fat)   Z-score

Composition Trend: Total

Fat (g) [Black]   Fat Free (g) [Magenta]

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

Measured Date	Age (years)	Tissue (%Fat)	Z-score	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
01/14/2019	76.7	23.1	-1.8	45.1	43,424	10,049	33,375	1,656	35,031

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

Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
01/14/2019	76.7	18.1	27.4	0.66	23.1

Image not for diagnosis

World Health Organization BMI Classification
BMI = 18.9 (kg/m²)

13	18.5	25	30	35
Underweight	Normal	Overweight	Obese	
31	44	50	71	83

Weight (kg) for height = 154.0 cm

COMMENTS:

GE Healthcare

Page: 1 of 1

Lunar Prodigy
DF+500475

GE enCORE v. 16

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 (g)	Fat (g)	Lean (g)	BMC (g)	Total Mass (kg)
Arms	26.4	25.2	4,193	1,108	3,085	209	4.4
Arm Right	27.7	26.3	2,145	593	1,551	108	2.3
Arm Left	25.1	23.9	2,048	515	1,534	102	2.1
Arms Diff.	2.5	2.4	96	78	18	6	0.1
Legs	28.6	27.4	14,361	4,108	10,253	619	15.0
Leg Right	28.7	27.5	7,258	2,081	5,177	315	7.6
Leg Left	28.5	27.4	7,103	2,027	5,076	304	7.4
Legs Diff.	0.1	0.1	155	53	101	12	0.2
Trunk	19.2	18.8	21,691	4,163	17,528	428	22.1
Trunk Right	20.3	19.9	10,762	2,184	8,577	228	11.0
Trunk Left	18.1	17.8	10,929	1,979	8,950	199	11.1
Trunk Diff.	2.2	2.1	-167	206	-373	29	-0.1
Android	18.1	18.0	2,992	543	2,449	29	3.0
Gynoid	27.4	26.8	6,681	1,828	4,853	147	6.8
Total	23.1	22.3	43,424	10,049	33,375	1,656	45.1
Total Right	23.9	23.0	21,775	5,196	16,579	855	22.6
Total Left	22.4	21.6	21,650	4,853	16,796	801	22.5
Total Diff.	1.4	1.3	125	342	-218	54	0.2

Fat Mass Ratios:

Trunk Fat Mass/Total Fat Mass	Legs Fat Mass/Total Fat Mass	Limbs Fat Mass/Trunk Fat Mass
0.41	0.41	1.25

Estimated Visceral Adipose Tissue
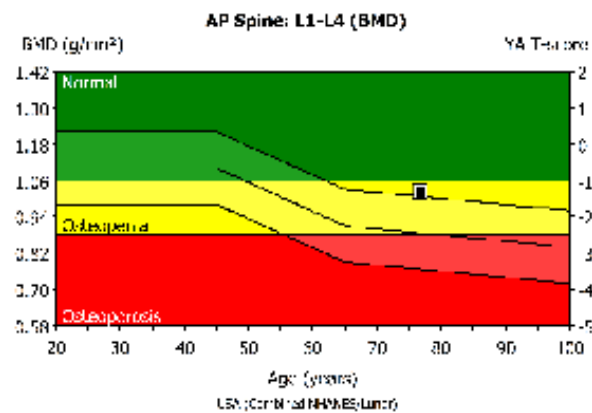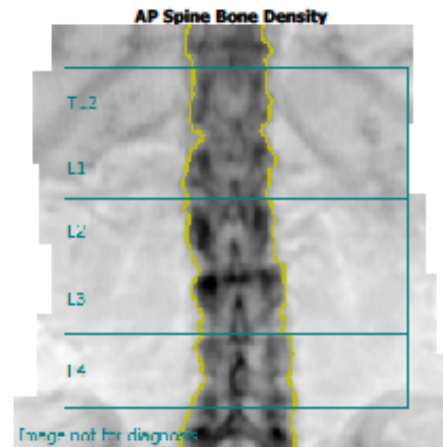
Volume	Mass
163 cm³	154 g

Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total)
Date created: 04/25/2019 9:25:38 AM 16 [SP 2]; Filename: m0bclpaq63.dfb; Total Body; 76:0.15:153.04:31.4 0.00:-1.00 4.81x13.01 9.7:%Fat=23.1%; 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 μGy

GE Healthcare   Page: 1 of 1   Lunar Prodigy DF+500475

GE enCORE v. 16

Lumbar Spine – save as *ID_visit#_LS*

AP Spine Bone Density

T12
L1
L2
L3
L4

Image not for diagnosis

COMMENTS:

AP Spine: L1-L4 (BMD)

BMD (g/cm²)
YA T-score

Normal
Osteopenia
Osteoporosis

Age (years)
USA (Combined NHANES/Lunar)

Densitometry: USA (Combined NHANES/Lunar)

Region	BMD (g/cm²)	YA (%)	YA T-score	AM (%)	AM Z-score
L1-L4	1.022	87	-1.3	115	1.1

GE enCORE v. 16

Lumbar Spine Ancillary – save as *ID_visit#_LSExt*

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

ANCILLARY RESULTS: AP Spine

Region	BMD (g/cm²)	YA (%)	YA T-score	AM (%)	AM Z-score	BMC (g)	Area (cm²)	Width (cm)	Height (cm)
T12	0.773	-	-	-	-	6.58	8.52	3.0	2.84
L1	0.886	78	-2.0	106	0.4	7.50	8.46	3.3	2.57
L2	1.061	88	-1.2	117	1.3	9.76	9.20	3.4	2.68
L3	1.138	95	-0.5	126	1.9	11.84	10.40	3.5	2.97
L4	0.987	82	-1.8	109	0.7	11.25	11.40	3.8	3.02
L1-L2	0.977	84	-1.6	112	0.9	17.26	17.66	3.4	5.25
L1-L3	1.037	89	-1.1	118	1.3	29.11	28.07	3.4	8.22
L1-L4	1.022	87	-1.3	115	1.1	40.36	39.47	3.5	11.24
L2-L3	1.102	92	-0.8	122	1.6	21.61	19.61	3.5	5.65
L2-L4	1.059	88	-1.2	117	1.3	32.86	31.01	3.6	8.67
L3-L4	1.059	88	-1.2	117	1.3	23.09	21.81	3.6	5.99

GE enCORE v. 16

Dual Hip – save as *ID_visit#_DH*

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

DualFemur Bone Density

Image not for diagnosis — Image not for diagnosis

DualFemur: Total (BMD)

BMD (g/cm²) — YA T-score

No mal

Right

Osteopenia

Left

Osteoporosis

Age (years)
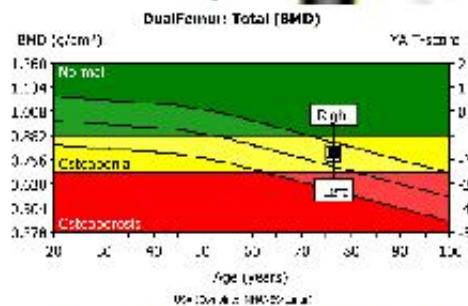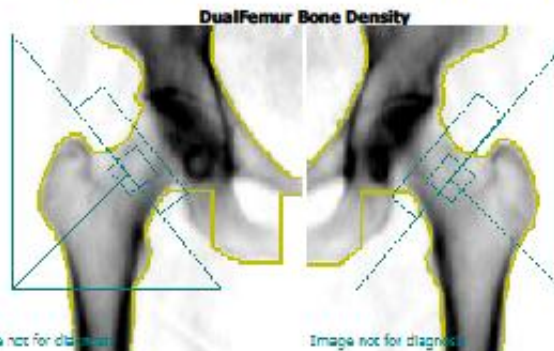
Densitometry: USA (Combined NHANES/Lunar)

Region	BMD (g/cm²)	YA (%)	YA T-score	AM (%)	AM Z-score
Total Left	0.777	77	-1.8	108	0.5
Total Right	0.800	79	-1.6	111	0.7
Total Mean	0.788	78	-1.7	110	0.6
Total Diff.	0.023	2	0.2	3	0.2

COMMENTS:

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm² for DualFemur Total); T-score: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Femur, Female, White Reference Population (v113); Z-score: Matched for Age, Sex, Weight (females 25-100 kg), Ethnic; DualFemur Total T-score difference is 0.2. 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: 04/25/2019 9:28:47 AM 16 [SP 2]; Filename: babclpaq63.dfx; ; Left Femur; 76:0.75:50.03:12.0 0.00:9.84 0.60x1.05 13.7:%Fat=21.6%; 0.00:0.00 0.00:0.00; Neck Angle (deg)= 50; Scan Mode: Thin; 9.0 µGy; Right Femur; 76:0.75:50.03:12.0 0.00:10.20 0.60x1.05 14.2:%Fat=21.3%; 0.00:0.00 0.00:0.00; Neck Angle (deg)= 51; Scan Mode: Thin; 9.0 µGy

GE Healthcare — Page: 1 of 1 — Lunar Prodigy DF+500475

GE enCORE v. 16

Dual Hip Ancillary – save as *ID_visit#_DHExt*

ANCILLARY RESULTS: DualFemur

Region	BMD (g/cm²)	YA (%)	YA T-score	AM (%)	AM Z-score	BMC (g)	Area (cm²)
Neck Left	0.741	71	-2.1	106	0.3	3.32	4.49
Neck Right	0.752	72	-2.1	107	0.4	3.37	4.48
Neck Mean	0.747	72	-2.1	107	0.3	3.35	4.48
Neck Diff.	0.011	1	0.1	2	0.1	0.05	0.00
Wards Left	0.597	66	-2.4	110	0.4	1.33	2.24
Wards Right	0.614	67	-2.3	113	0.5	1.37	2.23
Wards Mean	0.605	66	-2.3	112	0.5	1.35	2.23
Wards Diff.	0.017	2	0.1	3	0.1	0.03	0.01
Troch Left	0.580	68	-2.4	97	-0.2	5.66	9.76
Troch Right	0.590	69	-2.3	98	-0.1	5.99	10.15
Troch Mean	0.585	69	-2.3	98	-0.1	5.83	9.96
Troch Diff.	0.010	1	0.1	2	0.1	0.32	0.38
Shaft Left	0.926	-	-	-	-	12.94	13.97
Shaft Right	0.969	-	-	-	-	13.40	13.83
Shaft Mean	0.948	-	-	-	-	13.17	13.90
Shaft Diff.	0.043	-	-	-	-	0.46	0.14
Total Left	0.777	77	-1.8	108	0.5	21.93	28.22
Total Right	0.800	79	-1.6	111	0.7	22.76	28.46
Total Mean	0.788	78	-1.7	110	0.6	22.34	28.34
Total Diff.	0.023	2	0.2	3	0.2	0.83	0.24

GE enCORE v. 16

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

Right Forearm Bone Density

USA (Combined NHANES/Lunar) Reference Chart: No reference data for Right Forearm [Radius 33%] region.
USA (Combined NHANES/Lunar) Reference Population did not support the patient's Age for Right Forearm Densitometry.

Radus UD   Ulna UD

Radus 33%   Ulna 33%

Image not for diagnosis

	Densitometry: USA (Combined NHANES/Lunar)				
Region	**BMD (g/cm²)**	**YA (%)**	**YA T-score**	**AM (%)**	**AM Z-score**
Radius 33%	0.892	-	-	-	-

COMMENTS: