

GE LUNAR iDXA

Maximum weight limit for iDXA table is 204.5 kg or 450 lbs.

Precision Coefficients of Variation (%CV) for Bone Mineral Density and Body Composition

<u>Region</u>	<u>Mean</u>	<u>CV</u>
Femoral Neck BMD (g/cm ²)	0.936	1.4%
Total Femur BMD (g/cm ²)	0.998	0.7%
Spine L1-L4 BMD (g/cm ²)	1.184	1.1%
Total Body BMD (g/cm ²)	1.142	0.5%
Total Body BMC (g)	2586	0.5%
Total Body Area (cm ²)	2248	0.7%
Total Body %Fat	35.8%	0.8%
Total Body Fat (g)	25345	0.8%
Total Body Lean (g)	44283	0.5%

Precision Coefficients of Variation (%CV) for Body Composition on Obese Subjects

<u>Measurement</u>	<u>%CV</u>
BMD (g/cm ²)	1.08%
BMC (g)	1.00%
Fat Mass (kg)	1.22%
Lean Mass (kg)	0.95%
%Fat (Tissue)	0.78%
%Fat (Region)	0.78%

Patient Radiation Dose Exposure

<u>Scan Site</u>		<u>Scan Mode</u>	<u>Scan Exposure Dose</u>	
		<u>(mA)</u>	<u>(μGy)</u>	<u>(mrads)</u>
AP Spine	Thick	2.5	329	3.29
	Standard	2.5	146	1.46
	Thin	0.625	37	3.7
Femur	Thick	2.5	329	3.29
	Standard	2.5	146	1.46
	Thin	0.625	37	3.7
Total Body	Thick	0.188	6	.06
	Standard	0.188	3	.03
	Thin	0.188	3	.03

BMD = Bone Mineral Density

BMC = Bone Mineral Content