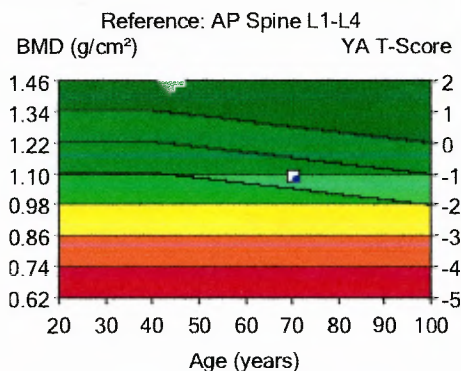
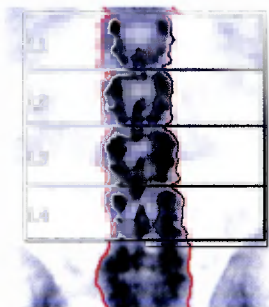


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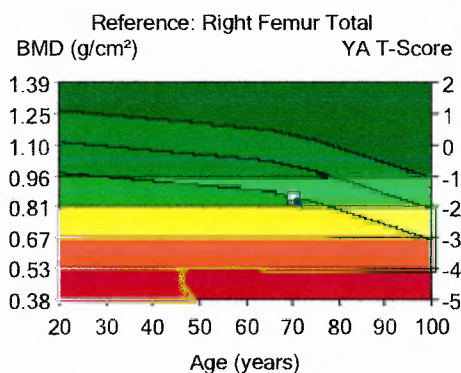
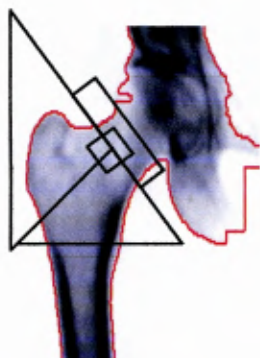
Patient:	PENNY, LARRY	Attendant:	Kim Sheldon
Birth Date:	8/5/1938 70.6 years	Physician:	Dr. Best, Paul
Height / Weight:	69.5 in. 174.0 lbs.	Measured:	3/5/2009 4:43:36 PM (7.52)
Sex / Ethnic:	Male White	Analyzed:	3/5/2009 4:43:39 PM (7.52)



Region	BMD (g/cm ²)	Young-Adult		Age-Matched	
		(%)	T-Score	(%)	Z-Score
L1	0.931	80	-1.9	85	-1.4
L2	1.077	87	-1.4	91	-0.9
L3	1.189	96	-0.4	101	0.1
L4	1.158	93	-0.7	98	-0.2
L1-L4	1.092	90	-1.1	94	-0.6
L2-L4	1.144	92	-0.8	97	-0.3

Matched for Age, Weight (males 25-100 kg), Ethnic
NHANES/USA, AP Spine Reference Population, Ages 20-40
Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm² for AP Spine L1-L4)

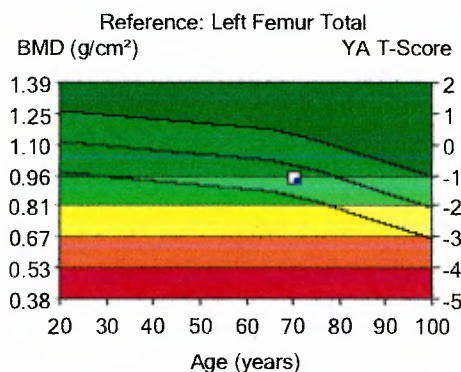
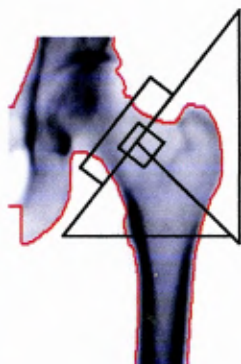
Image not for diagnosis



Region	BMD (g/cm ²)	Young-Adult		Age-Matched	
		(%)	T-Score	(%)	Z-Score
Neck	0.699	65	-2.9	77	-1.6
Wards	0.528	55	-3.3	73	-1.5
Troch	0.695	75	-2.1	80	-1.6
Shaft	1.052	-	-	-	-
Total	0.852	77	-1.7	85	-1.0

Standardized BMD for Total is 803 mg/cm².
Matched for Age, Weight (males 25-100 kg), Ethnic
NHANES/USA, Femur Reference Population, Ages 20-40
Statistically 68% of repeat scans fall within 1SD (± 0.012 g/cm² for Right Femur Total)

Image not for diagnosis



Region	BMD (g/cm ²)	Young-Adult		Age-Matched	
		(%)	T-Score	(%)	Z-Score
Neck	0.786	73	-2.2	86	-1.0
Wards	0.596	62	-2.8	83	-0.9
Troch	0.802	86	-1.2	92	-0.6
Shaft	1.134	-	-	-	-
Total	0.946	86	-1.1	95	-0.4

Standardized BMD for Total is 895 mg/cm².
Matched for Age, Weight (males 25-100 kg), Ethnic
NHANES/USA, Femur Reference Population, Ages 20-40
Statistically 68% of repeat scans fall within 1SD (± 0.012 g/cm² for Left Femur Total)

Image not for diagnosis

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DEXA Bone Densitometry Report: Thursday, March 05, 2009

Dear Dr. Best, Paul,

Your patient LARRY PENNY completed a BMD test at our facility. The following summarizes the results of our evaluation.

Patient:

Name:	LARRY PENNY	Height:	69.5 in.
Patient ID:	849	Weight:	174.0 lbs.
Date of Birth:	8/5/1938	Exam Date:	3/5/2009
Gender:	Male	BMD Device:	GE Medical Systems Prodigy

Indications: Family History of Osteoporosis, Caucasian Race
Fractures: None
Treatments: Calcium, Synthroid.

Results:

Scan Type	Region	Measured	Age	BMD	T-Score	Z-Score
AP Spine	L1-L4	3/5/2009	70.5	1.092 g/cm ²	-1.1	-0.6
DualFemur	Total Mean	3/5/2009	70.5	0.899 g/cm ²	-1.4	-0.7

Assessment:

World Health Organization - Definition of Osteoporosis and Osteopenia for Caucasian Women*:

Normal: T-Score at or above -1 SD
Osteopenia: T-Score between -1 and -2.5 SD
Osteoporosis: T-Score at or below -2.5 SD

Established Osteoporosis: T-Score at or below -2.5 SD plus fragility fracture

*WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-Scores.

- BMD as determined from Femur Total Mean is 0.899g/cm² with a T-Score of -1.4 is considered moderately low. Fracture risk is moderate. Treatment is advised if there are other risk factors.
- BMD as determined from AP Spine L1-L4 is 1.092g/cm² with a T-Score of -1.1 is considered moderately low. Fracture risk is moderate. Treatment is advised if there are other risk factors.

Recommendations:

National Osteoporosis Foundation (NOF) guidelines recommend initiating therapy to reduce fracture risk in women with BMD:
T-Score below -2 SD
T-Score below -1.5 SD with other risk factors present

- Mild to aggressive therapies are available in the form of Hormone replacement therapy (HRT), Bisphosphonates, Calcitonin, and SERMs. Additionally, all patients should ensure an adequate intake of dietary calcium (1200mg/d) and vitamin D (400-800 IU daily).
- People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. Testing frequency can be increased for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.