

## Bone Density Report

Name: HENRY, JUDITH

Sex: Female

Age: 68

Ethnicity: White

Height: 63.2 in

Date of Birth: 12/19/1947

Weight: 120.0 lb

Bone Density: Exam date 06/14/2016

Region	BMD (g/cm <sup>2</sup> )	T-Score	Z-Score	Classification
AP Spine(L1-L4)	0.774	-2.5	-0.5	Osteoporosis
Femoral Neck(Left)	0.602	-2.2	-0.5	Osteopenia
Total Hip(Left)	0.712	-1.9	-0.5	Osteopenia

World Health Organization criteria for BMD Impression classify patients as Normal (T-score at or above -1.0), Osteopenia (T-score between -1.0 and -2.5), or Osteoporosis (T-score at or below -2.5).

### 10-year Fracture Risk:

FRAX not reported because:

Some T-score for Spine Total or Hip Total or Femoral Neck at or below -2.5

Prior hip or vertebral fracture

### Previous Exams:

Region	Exam Date	Age	BMD (g/cm <sup>2</sup> )	T-Score	BMD Change vs. Baseline	BMD Change vs. Previous
AP Spine(L1-L4)	06/14/2016	68	0.774	-2.5	4.2%*	4.8%*
	06/12/2014	66	0.738	-2.8	-0.6%	-0.6%
	12/28/2012	65	0.742	-2.8		
Total Hip(Left)	06/14/2016	68	0.712	-1.9	-2.4%	-0.4%
	06/12/2014	66	0.714	-1.9	-2.1%	-2.1%
	12/28/2012	65	0.729	-1.7		
Femoral Neck(Left)	06/14/2016	68	0.602	-2.2	-2.6%	0.6%
	06/12/2014	66	0.598	-2.3	-3.2%	-3.2%
	12/28/2012	65	0.618	-2.1		

\*Denotes significance at 95% confidence level, LSC for AP Spine = 0.022 g/cm<sup>2</sup>, LSC for Total Hip = 0.027 g/cm<sup>2</sup>



# Peninsula Imaging L.L.C.

1655 Woodbrooke Drive, Suite 101  
Salisbury, Maryland 21804  
(410) 749-1123 | FAX: (410) 543-1063  
<http://www.peninsulaimaging.com>

Simmi Chawla, M.D.  
David Y. Chung, M.D.  
Robert J. Concoran, M.D.  
Gerard J. Hogan, M.D.  
Philip C. Hugo, M.D.

Peter A. Libby, M.D.  
Michael J. Marks, M.D.  
Marvin E. Nielsen, M.D., F.A.C.R.  
David Nizza, M.D.  
William M. Reid, M.D.

Thomas J. Riccio, M.D.  
Assen Todorov, M.D.  
Mario Todorov, M.D.  
Andrew D. Vennos, M.D.  
Alexander J. Zito, M.D.

**PHYSICIAN:**

**DR. LORRAINE JARRAH**  
1205 PEMBERTON DR SUITE 101  
SALISBURY MD 21801

**PATIENT:**

**HENRY, JUDITH**  
**DOB:** 12/19/1947  
**MRN:** 008034  
**ACCOUNT #:** W00532262  
**DATE OF EXAM:** 6/14/2016

**PROCEDURE:** BONE DENSITY STANDARD EXAM (77080)

**COMPARISON:** Peninsula Imaging, LLC, BD, DEXA SCAN AXIAL, 6/12/2014, 15:38.

**INDICATIONS:** AGE-RELATED OSTEOPOROSIS W/O CURRENT PATHOLOGICAL FRACTURE

**BONE DENSITY:**

**BMD LUMBAR SPINE CHANGE SINCE LAST EXAM:** 4.8%  
**BMD TOTAL HIP CHANGE SINCE LAST EXAM:** -0.4%  
**BMD FEMORAL NECK CHANGE SINCE LAST EXAM:** 0.6%

<u>Region</u>	<u>BMD(g/cm<sup>2</sup>)</u>	<u>T-Score</u>
AP Spine	0.774	-2.5
Femoral Neck (Left)	0.602	-2.2
Total Hip (Left)	0.712	-1.9

**10-year Fracture Risk:**

FRAX not reported because:

Some T-Score for Spine Total or Hip Total or Femoral Neck at or below -2.5.

Prior hip or vertebral fracture.

**CONCLUSION: THE LOWEST T-SCORE INDICATES OSTEOPOROSIS.**

World Health Organization criteria for BMD interpretation classify patients as Normal (T-score at or above -1.0), Osteopenic (T-score between -1.0 and -2.5), fracture risk is increased or Osteoporotic (T-score at or below -2.5) fracture risk is increased.

**RECOMMENDATIONS:** NOF Guidelines recommend treatment for patients with a T-score of -1.5 and below with risk factors or -2.0 and below without risk factors. Effective therapies are available. Hormone therapy may be an option based on review of risks and benefits of treatment. All patients should ensure an adequate intake of dietary calcium (1200 mg/d) and vitamin D (400-800 IU daily).

Rendering Physician: Andrew Vennos, M.D. on 6/14/2016 at 13:43

Electronically Signed by: Andrew Vennos, M.D. on 6/14/2016 at 13:43

cc's to: PATIENT COPY.