

Name:	BERRY, VICKIE L	Admit Date:	7/20/2022
MRN:	10502	Discharge Date:	7/20/2022
Encounter:	6559749	Attending:	Akande MD,Olusina
DOB / Age:	3/1/1953	Copy to:	CareAware Oauth,LOGN_IN
Sex / Birth Sex:	Female		

Bone Density

Accession	Exam Date/Time	Exam	Ordering Physician	Patient Age at Exam
16-BD-22-0000423	7/20/2022 14:03 EDT	BD Bone Density DEXA Axial Skeleton	Akande MD,Olusina	69 years

Reason for Exam

(BD Bone Density DEXA Axial Skeleton) screening for osteoporosis, history of fracture

Radiology Report

EXAMINATION: DEXA BONE SCAN BODY

DATE OF EXAM: 7/20/2022 1:26 PM

CURRENT HISTORY: Female, 69 years old. Osteoporosis screening. Postmenopausal.

PREVIOUS HISTORY: As above.

TECHNIQUE: DXA scan was obtained in correspondence with the recommendations of the World Health Organization and interpretation is accordance with the International Society of Clinical Densitometry 2007 and 2010 consensus statements.

World Health Organization guidelines:

Age-matched gender matched patients (menopausal transition or postmenopausal females and men over 50)

Normal bone mineral density = greater than or equal to -1.0 T-score.

Low bone mass = less than -1.0 through -2.5 T-score value.

Osteoporosis = less than or equal to -2.5 T-score.

PERFORMING SITE/MACHINE: Logansport Memorial Hospital; GE Lunar

COMPARISON: None.

FINDINGS:

SPINE: L1-L4

T-score current: -0.4

BMD (g/cm²) current: 1.146

LEFT FEMORAL NECK:

T-score current: -1.1

BMD (g/cm²) current: 0.879

RIGHT FEMORAL NECK:

T-score current: -1.3

BMD (g/cm²) current: 0.852

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LEFT TOTAL FEMUR:

T-score current: -0.5

BMD (g/cm2) current: 0.939

RIGHT TOTAL FEMUR:

T-score current: -1.3

BMD (g/cm2) current: 0.843

Right femoral neck WHO FRAX score:

FRAX calculation based on the lowest femoral neck BMD using the WHO fracture risk assessment tool

(<http://www.shef.ac.uk/FRAX/tool.jsp>)

Major osteoporotic: 8.3 % (greater than or equal 20% = consider medication)

Hip fracture: 0.9 % (greater than or equal 3% = consider medication)

The National Osteoporosis Foundation (NOF) using FRAX to assist with treatment decision when the following are true:

1. Untreated postmenopausal woman or a man age 50 or older.
2. Low bone mass/osteopenia (T-score between -1 and -2.5).
3. No prior hip or vertebral fracture.
4. An evaluable hip for DXA study (i.e. no bilateral prostheses).

IMPRESSION:

1. Osteopenia (low bone density) based on lowest T-score value of -1.3 at right femoral neck and right total femur.
2. No prior or prior not comparable.
3. Does not meet NOF threshold for medication therapy; however, other clinical factors may supersede this recommendation. National Osteoporosis Foundation (NOF) recommends considering drug therapy for osteopenia (T score -1 to -2.5) in individuals with estimated 10 year hip fracture greater than or equal 3% or major osteoporotic related fracture greater than or equal 20%. Follow up scan in 18-24 months or as clinically indicated.

--- THIS IS AN ELECTRONICALLY VERIFIED REPORT ---

Dictated By: Michael E Parker MD

Dictated: 7/20/2022 5:21:55 PM

Transcribed By: Self-Edited - PowerScribe

Transcribed: 7/20/2022 5:24:15 PM

Signed By: Michael E Parker MD

Signed: 7/21/2022 10:47:41 AM

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**** *Final* ****

Dictated by: Parker MD, Michael

Dictated DT/TM: 07/21/2022 10:48 am

Signed by: Parker MD, Michael

Signed (Electronic Signature): 07/21/2022 10:47 am