

Medical Imaging
Regina General Hospital
1440 14th Ave
Regina, Saskatchewan
Phone: 90

Patient:
DOB/Sex:
HSN:
Deliver To:
Ordering Physician: Ziarko,
Family Physician: Ziarko,
Admitting Physician:
Consulting Physician(s):
MRN:
Visit #:
Location: C-NM
Patient Type: Outpatient - RQHR

MEDICAL IMAGING

| Accession Number | Exam | Exam Date/Time | Age at Exam | Ordering Physician |
|------------------|-----------------------------------|---------------------|-------------|--------------------|
| | NM Bone Densitometry - 2 Areas | 17-Jul-19 07:45 CST | 66 years | Ziarko, S |

Reason For Exam

(NM Bone Densitometry - 2 Areas) follow up

Report

BMD FOLLOW UP

PROCEDURE: 3-site BMD evaluation

SITE

| | | |
|---------------------------|-------------|--------------|
| Spine (L1-L4) | 1.159 g/cm2 | T-score -0.2 |
| Left Femur (Neck) | 0.899 g/cm2 | T-score -1.0 |
| Right Femur (Neck) | 0.898 g/cm2 | T-score -1.0 |
| Left Femur (Total) | 0.795 g/cm2 | T-score -1.7 |
| Right Femur (Total) | 0.796 g/cm2 | T-score -1.7 |
| Left Forearm (radial 33%) | 0.703 g/cm2 | T-score -2.1 |

Ten-year absolute fracture risk (2010 CAROC System): LOW TO MODERATE
Low <10%, Low-Moderate 10-15%, High-Moderate 15-20%, High >20%

SCORE: 5

REPORT:

The previous exams done at RGH in April 2008 and on January 10, 2014 were reviewed and compared in this 66.1-year-old Caucasian female patient.

The lumbar spine shows widespread degenerative disease, sclerosis and arthropathy which makes the findings and the trend unreliable. The L-spine is osteopenic and the trend is worse, nevertheless. The hips are minimally osteopenic and

Patient: ZIZZY BEVERLY
MRN:

Accession Number:
Print Date/Time: 18-Jul-19 13:12 CST
Chart Request ID:

Distribution Name: XR RGH Provider Copy

Regina General Hospital

Patient: ZIZZY, BEVERLY
DOB/Sex: 14-May-53 Female
HSN: [REDACTED]

MRN: [REDACTED]

MEDICAL IMAGING

| Accession Number | Exam | Exam Date/Time | Age at Exam | Ordering Physician |
|------------------|-----------------------------------|---------------------|-------------|--------------------|
| [REDACTED] | NM Bone Densitometry - 2 Areas | 17-Jul-19 07:45 CST | 66 years | Ziarko [REDACTED] |

Report

the trend here is worse as well. With a total T-score of -2.5 and ultra distal T-score of -2.9, the left radius is osteoporotic and the trend here is worse. Patient's stated height is 69 inches. Previous measured height was 68.2 inches (2008) and 68 inches (2014). Current measured height is 67.7 inches. Height loss can be on the basis of degenerative disc disease, vertebral compressions or combinations of both for which proper lateral x-rays of thoracic and lumbar spine may be meaningful. The fracture risk is low to moderate.

Consider checking thyroid, parathyroid and renal functions in this patient because of the radial abnormality. At least consider daily optimization of calcium and vitamin D intake. Because the trend is worse and if this patient has lost vertebral height, then consider all drug therapy options.

Detailed BMD data is available on PACS archived images.

The DXA bone mass measurement was made on a GE Lunar Prodigy Advance (Version 13.6).

WORLD HEALTH ORGANIZATION CRITERIA Normal: A value for BMD or BMC within 1 SD of the young adult reference mean. Osteopenia: A value for BMD or BMC more than 1 SD below the young adult mean but less than 2.5 SD below this value. Osteoporosis: A value for BMD or BMC 2.5 SD or more below the young adult mean. Severe Osteoporosis: A value for BMD or BMC more than 2.5 SD below the young adult mean in the presence of one or more fragility fractures.

***** FINAL REPORT *****

Dictated by: Trivedi, [REDACTED]
Finalized On: 18-JUL-19 10:09 CST
Transcribed by: MF
Transcribed on: 17-JUL-19 13:15 CST

Patient: ZIZZY, BEVERLY
MRN: [REDACTED]

Accession Number: [REDACTED]
Print Date/Time: 18-Jul-19 13:12 CST
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