BCGMC - Radiology Report

Patient:	**Young, Kathy** ███	Ordering Physician:	██████████
ID:	███████████	Phone, Pager:	**Phone: Pager:**
DOB:	██████		
Age/Gender:	███████	Primary Location:	**WCT**
Procedure:	**BC Dexa Bone Dens Axial Ske**	Study Date:	**12/26/2019 1:58:00 PM**
Accession #:	██████████	Order #:	██████████
Report Status:	**Finalized**		
Reason:	**Post menapausal**		

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

DUAL X-RAY ABSORPTIOMETRY (DXA)

CLINICAL HISTORY: Post-menopausal

CURRENT EXAM DATE: 12/26/2019   VS. DATE OF COMPARISON EXAM: 5/21/2002

TECHNIQUE: A DXA scan was performed using a Hologic Discovery densitometer. Bone mineral density (BMD) and T-scores were assessed. T-scores are comparisons of the patient?s BMD to sex-matched patients with peak bone mass (average BMD of a young adult) and are given in standard deviations (SD) from the mean. Current results were compared to the prior exam and any statistically significant change is described, with 95% confidence given differences in patient positioning between scans.

RESULTS:

LUMBAR SPINE [L1-L4]:
BMD is 0.920 g/cm2.   T-score is -1.2.
When compared to the prior exam, there has been a statistically significant decrease in BMD of -7.3% in the lumbar spine.
Prior BMD was 0.993 g/cm2 and prior T-score was -0.5.

LEFT FEMORAL NECK:
BMD is 0.590 g/cm2.   T-score is -2.3.
When compared to the prior exam, there has been a statistically significant decrease in BMD of -10.2% in the femoral neck.
Prior BMD was 0.657 g/cm2 and prior T-score was -1.7.

LEFT TOTAL HIP:
BMD is 0.766 g/cm2.   T-score is -1.4.
When compared to the prior exam, there has been a statistically significant decrease in BMD of -10.6% in the total hip.
Prior BMD was 0.57 g/cm2 and prior T-score was -0.7.

FRAX (10 year probability of fracture risk)
Based on left Femoral Neck BMD.
Major osteoporosis-related fracture risk: 12%.
Hip fracture risk: 2.3%.

NOTES:
-World Health Organization (WHO classification):
NORMAL: T-score greater than or equal to -1.0 SD
LOW BONE MASS (OSTEOPENIA): T-score less than -1.0 but greater than -2.5 SD

1/13/2020