

This is from a test taken 4/3/2018

BONE DENSITY

HISTORY: osteoporosis, did not take bisphosphonates

COMPARISON: 1/21/2015

PROCEDURE: Dual-Energy X-Ray Absorptiometry(DXA) of the lumbar spine and left hip was performed with a Hologic Discovery C Scanner at Kaiser Olympia. Comparison was made with the previous using Least Significant Change criteria of 0.03g/cm² for spine and total hip, 0.04 for femoral neck.

BACKGROUND: Comparison is made to the peak bone mineral density of a young normal gender-matched population and results expressed as a "T" score, the number of standard deviations above or below this reference value. The World Health Organization defines osteopenia as a T-score of between -1 and -2.5, and osteoporosis as a T-score of -2.5 or less.

FINDINGS:

Lumbar spine T-score -3.3, (L1-L4). Bone Mineral Density 0.682g/cm²

Total left hip T-score -2.7. Bone Mineral Density 0.608g/cm²

Left femoral neck T-score -2.8. Bone Mineral Density 0.535g/cm²

PREVIOUS FINDINGS:

Lumbar spine T-score -3.0. Bone Mineral Density 0.714g/cm² (L1-L4)

Total left hip T-score -2.7. Bone Mineral Density 0.619g/cm²

Left femoral neck T-score -3.0. Bone Mineral Density 0.513g/cm²

There has been statistically significant interval decrease in bone mineral density within the lumbar spine since the comparison exam.

This is from a test taken 9/23/2020

BONE DENSITY

HISTORY: interval change to known osteoporosis

COMPARISON: 4/30/2018

PROCEDURE: Dual-Energy X-Ray Absorptiometry(DXA) of the lumbar spine and left hip was performed with a Hologic Discovery C Scanner at Kaiser Olympia. Comparison was made with the previous using Least Significant Change criteria of 0.03g/cm² for spine and total hip, 0.04 for femoral neck.

BACKGROUND: Comparison is made to the peak bone mineral density of a young normal gender-matched population and results expressed as a "T" score, the number of standard deviations above or below this reference value. The World Health Organization defines osteopenia as a T-score of between -1

and -2.5, and osteoporosis as a T-score of -2.5 or less.

FINDINGS:

Lumbar spine T-score -2.5, (L1-L4). Bone Mineral Density 0.769g/cm²

Total left hip T-score -2.9. Bone Mineral Density 0.593g/cm²

Left femoral neck T-score -3.2. Bone Mineral Density 0.492g/cm²

PREVIOUS FINDINGS:

Lumbar spine T-score -3.3. Bone Mineral Density 0.682g/cm² (L1-L4)

Total left hip T-score -2.7. Bone Mineral Density 0.608g/cm²

Left femoral neck T-score -2.8. Bone Mineral Density 0.535g/cm²

There has been statistically significant interval decrease in bone mineral density within the left femoral neck but increase within the lumbar spine.