

DEXA extracted data

Study date: 2026-xx-xx

Patient: Female, age 68

Impression

- **Low bone mass (osteopenia).**
- Lowest reported region: **left femoral neck, T-score -1.3.**
- **No osteoporosis** by reported T-scores.

AP Spine (L1-L4)

- **BMD:** 1.354 g/cm²
- **T-score:** +1.4
- **Z-score:** +1.9

Individual lumbar levels

- **L1:** BMD 1.192, T-score +0.5, Z-score +1.0
- **L2:** BMD 1.263, T-score +0.5, Z-score +1.0
- **L3:** BMD 1.479, T-score +2.3, Z-score +2.8
- **L4:** BMD 1.442, T-score +2.0, Z-score +2.5

Femoral neck

- **Left:** BMD 0.825, T-score -1.3, Z-score -0.6
- **Right:** BMD 0.854, T-score -1.0, Z-score -0.4
- **Mean:** BMD 0.840, T-score -1.2, Z-score -0.5

Total femur

- **Left:** BMD 0.947, T-score -0.4, Z-score 0.0
- **Right:** BMD 0.930, T-score -0.6, Z-score -0.2
- **Mean:** BMD 0.939, T-score -0.5, Z-score -0.1

Supplemental hip subregions

Trochanter

- **Left:** BMD 0.761, T-score -0.1, Z-score -0.5
- **Right:** BMD 0.723, T-score -0.7, Z-score -1.0
- **Mean:** BMD 0.742, T-score -0.4, Z-score -0.8

Intertrochanter

- **Left:** BMD 1.140
- **Right:** BMD 1.092
- **Mean:** BMD 1.116

Ward's

- **Left:** BMD 0.556, T-score -2.7, Z-score -1.4
- **Right:** BMD 0.671, T-score -1.8, Z-score -0.5
- **Mean:** BMD 0.613, T-score -2.2, Z-score -0.9

Upper neck

- **Left:** BMD 0.598, T-score -2.0, Z-score -1.3
- **Right:** BMD 0.635, T-score -1.3, Z-score -0.6
- **Mean:** BMD 0.617, T-score -1.7, Z-score -1.1

Lower neck

- **Left:** BMD 1.033
- **Right:** BMD 1.066
- **Mean:** BMD 1.050

Shaft

- **Left:** BMD 1.135
- **Right:** BMD 1.131
- **Mean:** BMD 1.133

Hip geometry

- **Hip axis length:** left 109.6 mm, right 113.8 mm, mean 111.7 mm

Classification summary

- **Normal:** AP spine, total femur
- **Osteopenia:** left femoral neck
- **Borderline osteopenic / threshold:** right femoral neck