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July 20, 2020 12:18

Referrer: [REDACTED]
[REDACTED]

Service Date:
Patient ID:
Episode Number:
Organization:
Modality:

July 20, 2020 12:18
[REDACTED]
STL
CR

EOS FULL SPINE AND LOWER LIMBS

Findings:

Thoracic kyphosis T1/T12 is 48 and T4/T12 is 44 . Lumbar lordosis L1/L5 is 51 and L1/S1 is 69 . SVA is -26mm. Cam plumb line is -35mm. Negative sagittal balance is noted.

No anterolisthesis or retrolisthesis of the lumbar spine.

The right acetabular roof is about 7mm above the left.

C7-CSL is 9mm towards the left. Minimal lateral curvature of the thoraco-lumbar spine convex towards the left centred at L1 with a COBB angle of 1.7 mm (T10-L4). Otherwise no significant scoliosis seen. 13 pairs of ribs are present.

No AVN of the femoral heads seen.

Pelvic incidence is 52 . Sacral slope is 44 . Pelvic tilt is 8 . Pelvic axial rotation is 5 .

The right femoral length is 41.2cm. The left femoral length is 41.2cm.
The right tibial length is 35.8cm. The left tibial length is 35.7cm.

The functional length of the right lower limb is 77.8cm.
The functional length of the left lower limb is 77.7cm.

The anatomical length of the right lower limb is 77cm.
The anatomical length of the left lower limb is 76.8cm.

The right femoral offset is 34mm and the left femoral offset is 36mm.

The right knee is in 2 varus and left knee is 2 varus alignment.

HKS is 4 on the right and 3 on the left.

The right femoral mechanical angle is 95 . Left femoral mechanical angle is 95 .

The right tibial mechanical angle is 88 and the left tibial mechanical angle is 87 .

The right femoral torsion is 20 and the left femoral torsion is 26 .
The right tibial torsion is 44 and the left tibial torsion is 44 .

The right femorotibial rotation is 15 and the left femoral tibial rotation is 17 .

The mechanical axis of right lower limb intersects the inner aspect medial tibial plateau. Mechanical axis of the left lower limb intersects the inner aspect of the medial tibial plateau.

Thank you for referring this patient

