

BLIGNAUT, JOHAN  
5 ACAPULCO WAY, QUINNS ROCKS W QUINNS ROCKS 6030  
**Phone:**  
**Birthdate:** 02/08/1971 **Sex:** M **Medicare Number:**  
**Your Reference:** **Lab Reference:** WEX9490819-EOS FULL  
**Laboratory:** SKP  
**Addressee:** DR DENNIS BERMAN **Referred by:** MICHAEL DR KERN  
**Name of test:** EOS FULL SPINE & LOWER LIMBS : LEFT ANKLE AND LEG : RIGHT ANKLE AND LEG : SPIN  
**Requested** 10/06/2020 **Collected:** 11/06/2020 **Reported:** 11/06/2020 09:30:00  
**Patient Name :** BLIGNAUT JOHAN **DOB :** 02/08/1971 **Service Date :** 11/06/2020

Clinical History: Low back pain.

Comparison: No previous spinal imaging.

AP AND LATERAL LUMBAR SPINE RADIOGRAPH (WITH FLEXION AND EXTENSION VIEWS) (SKG2063637)

Mild multilevel spondylosis, most advanced from L4 through S1. There is marked limitation of both flexion and extension but no dynamic subluxation to suggest instability. Mild scoliosis, better characterised on EOS (see below).

EOS FULL SPINE

Technique: Simultaneous AP and lateral EOS imaging in the comfortable standing position.  
Radiation dose is approximately 15% that of conventional digital radiography<sup>1</sup>.

Findings: There is moderate narrowing of both medial tibiofemoral compartments with reactive subchondral sclerosis. The findings are in keeping with mild to moderate osteoarthritis.

CORONAL BALANCE AND ALIGNMENT

1. Cobb angle 11° convex to left measured from T3 to L1  
2. Cobb angle 13° convex to right measured from L2 to L5  
CSL (Coronal sacral line - C7-S1) 18mm to left

SAGITTAL BALANCE AND ALIGNMENT

Thoracic kyphosis (T1-L1) 42°  
Lumbar lordosis (L1-S1) 60°  
SVA (Sagittal vertical axis) + 9mm

PELVIS

Pelvic tilt 2°  
Pelvic incidence 41°  
Sacral slope 39°  
PI - Lumbar lordosis -19°  
Coronal pelvic obliquity 6mm superior on left

Comment: Very mild S-shaped thoracolumbar scoliosis with mild coronal imbalance (coronal sacral line passes 18mm to the left of midline). 9° of knee flexion at the time of study may be compensatory but the sagittal spinal parameters are otherwise satisfactory

<sup>1</sup> Diagnostic imaging of spinal deformities: reducing patient's radiation dose with a new slot-scanning X-ray imager. Deschenes S et al. Spine (PhilaPa 1976) 2010 Apr 20;35(9):989-9.

Thank you for your referral.

Yours sincerely,

Dr Leo Galvin - SKG Radiology

CC :  
Dr Berman Dennis , Unit 3  
2 Marchwood Boulevard, Butler WA 6036

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