

DynaWell® L-Spine

PROTOCOL

for MRT of the lumbar spine in non loaded = PRP and loaded = ACE

Nonoperated

No load – PRP is not necessary

- 1: Localizer
- 2: Sag T1
- 3: Sag T2

- 4: Axial T2 (or T1 or PD if you prefer)

localize the box parallel to the disc include some more of the vertebra above the disc than the vertebra below (see next page)

Compression is applied with an amount of **15-25%** of the patient's body weight **on each leg – totally 30-50%** . .

Wait for 4 – 5 minutes.

With load = ACE

- 5: Localizer
- 6: Sag T1 or T2
- 7: Axial T2 localized as in 4.
- 7: Axial T1

parallel to the disc but localized more cranial with the vertebral arch of the cranial vertebra of the level included on the first image to be able to evaluate the nerve root when it is passing from the dural sac out extraforaminal (see next page)

The recommendation is axial T1 AND T2 but you are free to choose performance of axial sequences as you prefer!

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Examination with Gadolinium

No load = PRP

- 1: Localizer
- 2: Sag T1
- 3: Sag T2
- 4: Axial T1

Compression is applied.

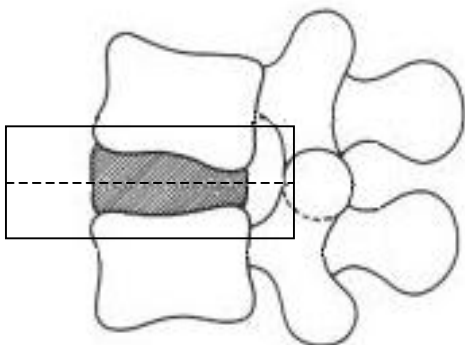
Wait for 4 – 5 minutes!

Inject Gadolinium

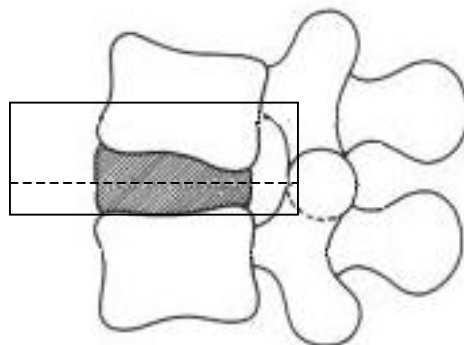
With load = ACE

- 5: Localizer
- 6: Trans T1
- 7: Sag T1
- 8: Trans T2

T2



T1



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