INTRACEPT™
Vertebrogenic Pain Relief

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Radiology Template

EXAM: Lumbar spine MRI without contrast

Indications: _____
Comparison: _____

Technique: Sequences include: STIR sagittal, T2 sagittal, T1 sagittal, T2 axial, T1 axial and T2 coronal

Findings:

- **Bone marrow**: no suspicious bone marrow lesions are noted. Hyperintense and hypointense changes are noted at the endplates of L3-L4 and L4-L5 consistent with Modic 1 and 2 changes
- **Discs:** narrowing and degenerative disc signal is noted at L3-L4, L4-L5 and L5-S1

Evaluation of individual disc levels:

L1-L2:
L2-L3:
L3-L4:
L4-L5:
L5-S1:

Impression:

- Modic 1 changes noted adjacent to L3-L4 disc space
- Modic 2 changes noted adjacent to L4-L5 disc space

Descriptive terms that are synonymous with radiographic diagnosis of Modic:

- Discogenic endplate edema
- Endplate changes with inflammatory signal
- Edematous changes at the endplate
- Disruption and fissuring at the endplate with associated signal changes
- Fibrovascular bone marrow changes adjacent to the endplate with hypointense signal (Modic 1)
- Fatty bone marrow changes adjacent to the endplate with hyperintense signal (Modic 2)

Include other findings noted while reading the MRI such as spondylolisthesis, disc herniations/bulges, spondylolysis and spinal stenosis.

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Short Version

Build the following simple multi-pick drop down list options shown below as A) and B):

A) Multi-pick drop down:
-Edematous changes at the endplates (Modic 1)
-Fatty bone marrow changes at the endplates (Modic 2)

B) Multi-pick drop down:
-L2-L3
-L3-L4
-L4-L5
-L5-S1

Consider inserting into the template as follows:

Findings:

Optional sentence pulling picklists as below:
A) "seen at" B)

Examples:
Edematous changes at the endplates (Modic 1) seen at L4-L5, L5-S1
Edematous changes at the endplates (Modic 1), Fatty bone marrow changes at the endplates (Modic 2) seen at L3-L4, L4-L5, L5,S1

Include area to identify at each motion segment:

Picklist:

L2-L3 A)
L3-L4 A)
L4-L5 A)
L5-S1 A)

Impression:

Same optional sentence as in the findings section:
A) "seen at" B)

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