



AUTHENTIC4D

MAKE BETTER DECISIONS CONFIDENTLY

THE VALUE OF AN A4D WRITTEN REPORT AND EMG REPORT

? Did You Know?

An **Authentic4D** MRI report can help you gain even more value from your EMG report.

Having a written MRI report from A4D provides powerful evidence alone but when combined with an EMG report, the result is tremendously impactful when making your case.

MRI and EMG reports are complementary. This means that an MRI and an EMG should reach the same conclusion regarding pathology even though they are based on very different technology. Certain inconsistencies between the results can indicate inaccurate exam results.

IF

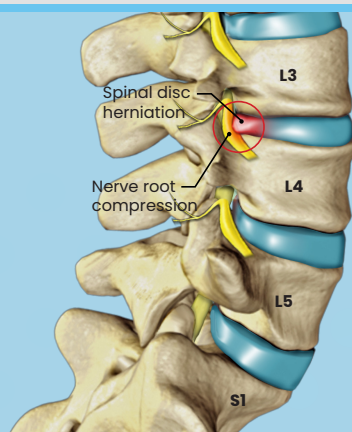
MRI Findings:

There is evidence of herniation at L3-L4

THEN

EMG Findings:

There may or may not be nerve root irritation at L3



IF

MRI Findings:

There are no findings at L5-S1

THEN

EMG Findings:

There cannot be evidence of mechanical nerve root irritation at L5

A disc bulge at L3-L4 on an MRI can have EMG findings indicative of nerve irritation or damage or no EMG findings at L3 (an asymptomatic patient). If there is no finding on the MRI at L5-S1 level, the EMG cannot indicate that there is a mechanical radiculopathy at the L5 nerve root.

If an A4D subspecialized radiologist said there were chronic degenerative changes at L3-L4 but no findings at L5-S1 and the original EMG report said there was evidence of radiculopathy at L5-S1, you know that the EMG was:

Done by a poor quality provider

-or-

The results are fabricated

Being able to reference the A4D written imaging report allows our EMG expert to definitively say that there is no mechanical reason for a radiculopathy at a certain level. This allows you to **refute the claim and improve patient care.**



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