

Is a NOCISCAN-LS Exam Appropriate for You?

Only your doctor can decide if a NOCISCAN-LS exam is appropriate for your specific condition. If, however, it is recommended, that will mean using the latest cutting edge medical technology to provide additional information about your spinal disc health so your doctor is more informed in diagnosing and managing your problem. When it comes to your pain, we believe you should have the most potentially relevant information possible, in the shortest amount of time – so you can get back to your life.

INCREASE THE VALUE OF YOUR MRI EXAM

GET ACCURATE, ACTIONABLE RESULTS

OBJECTIVE, DATA-DRIVEN INFORMATION

**FAST – TAKES APPROXIMATELY 30
MINUTES TO COMPLETE**

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INTENDED USE: The Intended Use of NOCISCAN-LS is to post-process Magnetic Resonance Spectroscopy (MRS) data that is acquired according to the NOCISCAN-LS Input Data recommendations via commercial MR scanners. NOCISCAN-LS uses MRS pulse sequences from intervertebral discs in a patient in order to provide a NOCIGRAM-LS report with MRS-based chemical data for relative comparisons between the discs examined. This information is provided in combination with an unaltered mid-sagittal T2 weighted MRI image of the patient's spine, and adds relative chemistry-related MRS information between discs to structural/hydration-related MRI information for the discs.

NOCIGRAM-LS report does not provide decisive information to allow for a direct diagnosis, but only provides elements of indicative information that, amongst other available patient data parameters, is helpful for a medical professional to diagnose disc-related pathologies such as degenerative disc disease and/or discogenic pain. The software does not drive or interact in any way with the MRI machine itself. The software only receives MRS data and performs post-processing of that data. The output is relative scores derived from relative ratios of signals corresponding with certain chemicals present in different discs, and does not claim or present an accurate measurement function.

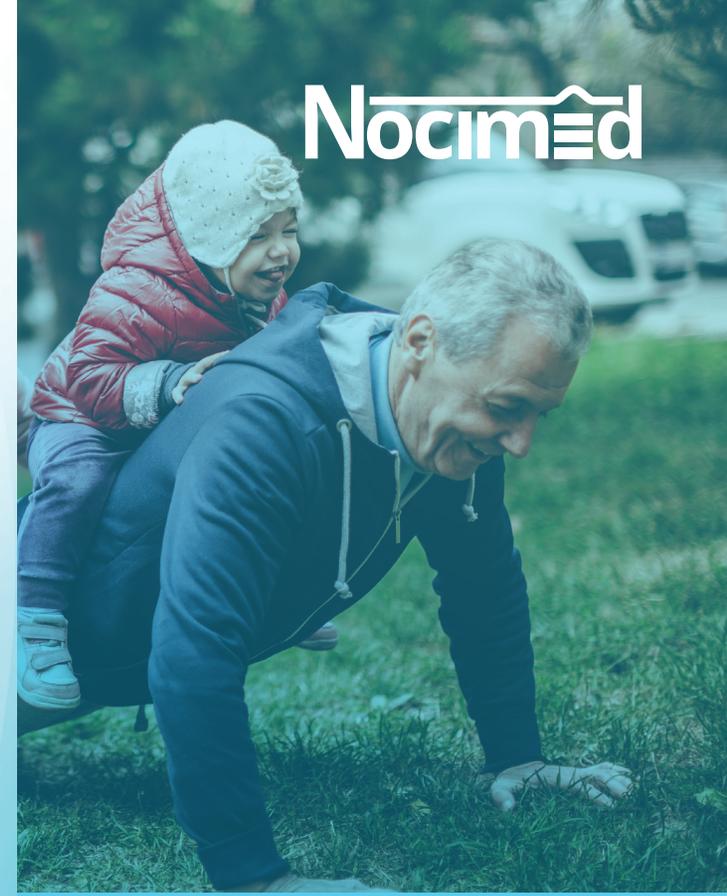
IMPORTANT NOTICE: Certain limitations apply which contraindicate NOCISCAN-LS as inappropriate for certain patients. These include, for example, standard contraindications for lumbar MRI exams, and as otherwise described in the "NOCISCAN-LS Instructions for Use - Physician's Reference." NOCISCAN-LS is to be performed only in compliance with this document, and only upon the advice and prescription of a licensed, trained physician who is familiar with your condition.

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Nocimed



LEARNING THE CAUSE OF YOUR LOW BACK PAIN MAY BE CLOSER THAN YOU THINK.

Information for Patients



Get fast, additional information to help your doctor determine if a painful disc is causing your back pain.

GET NOCISCAN-LS™.

If you have back pain, you need answers. Over 75% of adults suffer with low back pain in their lives, and diagnosing the cause of that pain can often be difficult. Standard MRI can tell your doctor if certain structural issues might be the problem. But MRI is often unreliable for identifying if pain is coming from within the spinal discs, or 'discogenic' pain. NOCISCAN-LS helps fill this gap by identifying the relative degree of painful chemicals within your discs as a potential source of your pain.

What is it?

NOCISCAN-LS is a spinal disc application of MR Spectroscopy or "MRS" - an existing capability of many MR scanners to assess changes in tissue chemistry. The NOCISCAN-LS Disc MRS Exam briefly extends standard lumbar MRI exams to supplement the MRI images of spinal structures with additional chemical information from within your discs. Your exam data is securely uploaded to Nocimed's post-processing software, which compares the relative degree of painful chemicals between your discs. These results are provided in a NOCIGRAM-LS Report to help your doctor, in combination with other available information about your condition, perform a more informed diagnosis about potentially painful discs that might be causing your pain.



NO RADIATION



NO NEEDLES



**NO RADIOGRAPHIC
DYES**



**NO ADDITIONAL
PAIN**

What You Can Expect:

The NOCISCAN-LS exam is entirely non-invasive and painless. It is essentially the same patient experience as a standard MRI - except briefly extended, usually by about 30 minutes, for the supplemental MRS data acquisition. That means no more effort, no radiation, and no additional invasive procedure or pain is required for you to get more information to help your doctor learn what might be wrong - and how to potentially help you get better. The resulting NOCIGRAM-LS Report will typically be returned to your Doctor for evaluation within about two business days after your exam. NOCISCAN-LS is currently available at only certain 'centers of excellence' MR imaging providers, so you may be directed to a specific location for your exam.

What's the Alternative?

Doctors typically use MRI (and often also X-Ray) to gain visual information of potential structural abnormalities. Other diagnostic procedures can also be performed, such as: physical examination, myelograms, or anesthetic or provocative discogram injections. While any of these may be appropriately recommended by your doctor, many of them require subjective physician interpretation that can be imprecise, and some of them are invasive and with some patient risks - and none of them is reliable for identifying painful discs as a source cause of discogenic pain.

LEARN MORE AT
www.nocimed.com.