A Negative Pressure Is Created


ABSTRACT: The object of the study was to examine the effect of vertebral axial decompression on pressure in the nucleus pulposus of the lumbar discs. Intradiscal pressure measurement was performed by connecting a cannula inserted into the patients L4-L5 disc space to a pressure transducer. Changes in intradiscal pressure were recorded at resting state and while controlled tension was applied by the equipment to a pelvic harness. **Intradiscal pressure was decreased to below -100 mm HG.**

**Journal of Neurosurgery:** Effects of Vertebral Axial Decompression' on Intradiscal Pressure. September 7994. Vol. 87, NO.3. Gustavo Ramos, MD; William Martin, MD.

**Outcome:** VAX-D™ creates a **negative intradiscal pressure force up to ~160 mm Hg.**


**Outcome:** The authors compared the pain-relieving results of traditional mechanical traction (74 patients) with a decompression device (25 patients). The decompression system gave "good" to "excellent" relief in 86% of patients with ruptured discs and 75% of those with facet arthrosis. The traction yielded no "good" to "excellent" results with ruptured discs and only 50% "good" to "excellent" results in patients with facet arthrosis.

No Benefit To Traction

Evidence does not demonstrate traction to be effective in the treatment of patients with acute low back problems.