Lower back with radicular leg pain is a condition affecting nearly 10 million people. The cost is measured in more than just pain: medical treatment is estimated to cost $20 billion annually.1 Percutaneous discectomy using the Stryker Dekompressor System gives you a highly effective treatment for relieving pain due to bulging discs or contained herniations.

An innovative solution for a costly problem.

This minimally invasive approach completes the continuum of care for patients who haven’t responded to conservative treatments, but want an alternative to surgery. It reduces pain, shortens recovery time, and often returns patients to their previous level of activity. Developed with respected medical professionals, use of the Stryker Dekompressor for percutaneous discectomy can benefit your patients, your practice, and the healthcare system.

![Disc Dekompressor](image)

**Ordering Information**

**Dékompressor Kits**

<table>
<thead>
<tr>
<th>Product #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>407-358-000</td>
<td>6” 17 Gauge Straight Dekompressor Kit</td>
</tr>
<tr>
<td>407-359-000</td>
<td>6” 17 Gauge Curved Dekompressor Kit</td>
</tr>
<tr>
<td>407-360-000</td>
<td>6” 17 Gauge Straight-End Dekompressor Kit</td>
</tr>
<tr>
<td>407-361-000</td>
<td>6” 17 Gauge Curved-End Dekompressor Kit</td>
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**Cannulae**

<table>
<thead>
<tr>
<th>Product #</th>
<th>Description</th>
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<tr>
<td>407-256-000</td>
<td>6” 17 Gauge Straight Introducer with Stylet</td>
</tr>
<tr>
<td>407-257-000</td>
<td>6” 17 Gauge Curved Introducer with Stylet</td>
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**Footnotes**


Quick relief. Simple procedure.

Multiple clinical studies have shown that percutaneous discectomy using the Stryker Dekompressor is successful for 90% of patients. This minimally invasive procedure reduces pressure on the nerve root by removing disc nucleus. It results in minimal annular disruption, preserving disc strength and future treatment options, including surgery.1,11 Recovery time is rapid, generally 3 to 5 days. Stryker Disc Decompression is typically performed on an outpatient basis and requires only local anesthetic and mild sedation, allowing the expense and possible complications of open surgery and general anesthesia. It typically takes only 15 to 30 minutes to perform and doesn’t require a hospital stay.

Procedure Benefits

Benefits of Stryker Disc Decompression are reported to include excellent success rates, maintained annular integrity,1,5 low outpatient treatment costs, rapid rehabilitation, and low risk. 

• Significant pain relief1,2
• Reduced use of analgesics2
• Return patients to their previous levels of activity3
• Quantifiable disc material removal10
• Low epidural scarring
• No overnight hospital stay
• Quick recovery time
• Low complication and mortality rates1,5

Table 1.

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>6 Mo1</th>
<th>1 Year1</th>
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<tbody>
<tr>
<td>Pain Reduction</td>
<td>65%</td>
<td>65%</td>
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<tr>
<td>Analgesic Reduction</td>
<td>74%</td>
<td>79%</td>
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<tr>
<td>Functional Improvement</td>
<td>30%</td>
<td>91%</td>
</tr>
<tr>
<td>Overall Satisfaction</td>
<td>80%</td>
<td>88%</td>
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</tbody>
</table>

Results Compared to Surgery

• Possible reduction in:
  o Perineural scarring
  o Postoperative torsion
  o Permanent structural alterations

• Spinal instability

• Decreased complication rate: 0.05% vs. 3% with open surgical discectomy9

• Lower re-herniation rate: 0.5% vs. 10-15% compared to open lumbar discectomy11

• No incision required

• Decrease in:
  o Anesthesia
  o Procedure time
  o Recovery time

Table 1. Please refer to the chart for Stryker recommended product pairings. Probes are straight unless otherwise indicated.

Product Benefits

• Removes quantifiable disc material
• No capital equipment required
• No thermal damage to the nerve root
• Provides sample for biopsy

• Four cannula sizes that regulate the amount of material aspirated
• Multiple lengths, gauges, and shapes allow procedure customization
• May be used in the lumbar, thoracic, and cervical regions of the spine

Chart 1. The Stryker Disc Dekompressor System is an innovative minimally invasive disc removal system for disc bulges or contained herniations. It was developed with leading practitioners for measurable, selective extraction of herniated nucleus pulposus without annular or nuclear disruption.1,4-6

Image 1. MRI image of a disc herniation.

Image 2. Stryker Dekompressor needle is guided into the herniated disc, behind the nerve.

Image 3. Application of disc material using the Dekompressor.

Image 4. Decompressed disc.