<table>
<thead>
<tr>
<th>Measure</th>
<th>Lumbar Discectomy Laminotomy: Average change in functional status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>The average change (preoperative to three months post-operative) in functional status for patients 18 years of age or older who had a lumbar discectomy laminotomy procedure</td>
</tr>
</tbody>
</table>
| Measurement Period              | Procedure Period: January 1 through December 31, 2017  
Preop Assessment Period: October 1, 2016 through December 31, 2017  
Postop Assessment Period: February 12, 2017 through May 20, 2018 |
| Eligible Population             | Eligible Specialties: Orthopedic Surgery, Neurosurgery  
Eligible Providers: Medical Doctor (MD), Doctor of Osteopathy (DO)  
Ages: 18 years or older at the start of the procedure period  
Event: Lumbar discectomy laminotomy procedure (Single Disc-Lami Value Set) for a diagnosis of disc herniation (Disc Herniation Value Set) performed by an eligible provider in an eligible specialty during the procedure period |
| Denominator                     | Patients within the eligible population whose functional status was measured by the Oswestry Disability Index, version 2.1a (ODI, v2.1a) within three months preoperatively AND at three months (6 to 20 weeks) postoperatively |
| Numerator                       | The average change (preoperative to three months post-operative) in functional status for all patients in the denominator |
| Required Exclusions             | The following exclusions must be applied to the eligible population:  
• Patient had any additional spine procedures performed on the same date as the lumbar discectomy laminotomy |
<p>| Measure Scoring                 | Number |
| Interpretation of Score         | Higher score indicates better quality |
| Measure Type                    | Outcome |</p>
<table>
<thead>
<tr>
<th>Measure</th>
<th>Lumbar Discectomy Laminotomy: Average change in health-related quality of life</th>
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<td>Description</td>
<td>The average change (preoperative to three months post-operative) in health-related quality of life for patients 18 years of age or older who had lumbar discectomy laminotomy procedure</td>
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</table>
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Preop Assessment Period: October 1, 2016 through December 31, 2017  
Postop Assessment Period: February 12, 2017 through May 20, 2018 |
| Eligible Population | Eligible Specialties: Orthopedic Surgery, Neurosurgery  
Eligible Providers: Medical Doctor (MD), Doctor of Osteopathy (DO)  
Ages: 18 years or older at the start of the procedure period  
Event: Lumbar discectomy laminotomy procedure (*Single Disc-Lami Value Set*) for a diagnosis of disc herniation (*Disc Herniation Value Set*) performed by an eligible provider in an eligible specialty during the procedure period |
| Denominator | Patients within the eligible population whose health-related quality of life was measured by the PROMIS-10 within three months preoperatively AND at three months (6 to 20 weeks) postoperatively |
| Numerator | The average change (preoperative to three months post-operative) in health-related quality of life for all patients in the denominator |
| Required Exclusions | The following exclusions must be applied to the eligible population:  
• Patient had any additional spine procedures performed on the same date as the lumbar discectomy laminotomy |
| Measure Scoring | Number  
Results are reported by:  
• Average change in health-related quality of life - physical health  
• Average change in health-related quality of life - mental health |
<p>| Interpretation of Score | Higher score indicates better quality |
| Measure Type | Outcome |</p>
<table>
<thead>
<tr>
<th>Measure</th>
<th>Lumbar Discectomy Laminotomy: Average change in back pain</th>
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<td>Description</td>
<td>The average change (preoperative to three months post-operative) in back pain for patients 18 years of age or older who had lumbar discectomy laminotomy procedure</td>
</tr>
</tbody>
</table>
| Measurement Period | Procedure Period: January 1 through December 31, 2017  
Preop Assessment Period: October 1, 2016 through December 31, 2017  
Postop Assessment Period: February 12, 2017 through May 20, 2018 |
| Eligible Population | Eligible Specialties: Orthopedic Surgery, Neurosurgery  
Eligible Providers: Medical Doctor (MD), Doctor of Osteopathy (DO)  
Ages: 18 years or older at the start of the procedure period  
Event: Lumbar discectomy laminotomy procedure (Single Disc-Lami Value Set) for a diagnosis of disc herniation (Disc Herniation Value Set) performed by an eligible provider in an eligible specialty during the procedure period |
| Denominator | Patients within the eligible population whose back pain was measured by the Visual Analog Scale (VAS) within three months preoperatively AND at three months (6 to 20 weeks) postoperatively |
| Numerator | The average change (preoperative to three months post-operative) in back pain for all patients in the denominator |
| Required Exclusions | The following exclusions must be applied to the eligible population:  
- Patient had any additional spine procedures performed on the same date as the lumbar discectomy laminotomy |
| Measure Scoring | Number |
| Interpretation of Score | Higher score indicates better quality |
| Measure Type | Outcome |
### Measure Specifications

**Measure**
Lumbar Discectomy Laminotomy: Average change in leg pain

**Description**
The average change (preoperative to three months post-operative) in leg pain for patients 18 years of age or older who had lumbar discectomy laminotomy procedure

**Measurement Period**
- Procedure Period: January 1 through December 31, 2017
- Preop Assessment Period: October 1, 2016 through December 31, 2017
- Postop Assessment Period: February 12, 2017 through May 20, 2018

**Eligible Population**
- **Eligible Specialties**: Orthopedic Surgery, Neurosurgery
- **Eligible Providers**: Medical Doctor (MD), Doctor of Osteopathy (DO)
- **Ages**: 18 years or older at the start of the procedure period

**Event**
Lumbar discectomy laminotomy procedure *(Single Disc-Lami Value Set)* for a diagnosis of disc herniation *(Disc Herniation Value Set)* performed by an eligible provider in an eligible specialty during the procedure period

**Denominator**
Patients within the eligible population whose leg pain was measured by the Visual Analog Scale (VAS) within three months preoperatively AND at three months (6 to 20 weeks) postoperatively

**Numerator**
The average change (preoperative to three months post-operative) in leg pain for all patients in the denominator

**Required Exclusions**
The following exclusions must be applied to the eligible population:
- Patient had any additional spine procedures performed on the same date as the lumbar discectomy laminotomy

**Measure Scoring**
Number

**Interpretation of Score**
Higher score indicates better quality

**Measure Type**
Outcome