



## **Lumbar Diagnosis Groups in degenerative disease**

Version 2.0, March 2025

**Lumbar Diagnosis Groups in degenerative disease  
(based on the fields in the Spine Tango 2006, 2011, 2017 and 2025 forms)**

The following groups, describing singular degenerative pathologies, have been created according to detailed inclusion and exclusion criteria regarding the fields to be checked/not checked on the Spine Tango 2006, 2011 and 2017 forms. The criteria were developed in conjunction with a consultant Spine surgeon and were finalised with the consensus of the Spine Tango Committee, which comprised one clinical researcher, one epidemiologist, and five clinicians (four spine surgeons one non-surgical specialist). Using these criteria, it is possible to assign each patient with “degenerative disease” to one exclusive pathology for further group analyses.

PATHOLOGY						SURGICAL MEASURES
Diagnosis sub-group	Form version	INCLUSION (field(s) must be checked)		EXCLUSION (field(s) must NOT be checked)		INCLUSION (field(s) must be checked)
		Main pathology and Specification of main pathology	Additional pathology	Type of degeneration	Additional pathology	
<b>Disc herniation</b>	2006	<i>Main pathology:</i> Degenerative disease  <i>Type of degeneration:</i> Disc herniation		<i>Type of degeneration:</i> Spinal stenosis, Spondylosis, Spondylarthrosis, Adjacent segment degeneration, Other	<i>Additional pathology:</i> All except Failed surgery (Degen. is excluded by default)	Discectomy OR Sequestrectomy
	2011, 2017, 2025	<i>Main pathology:</i> Degenerative disease  <i>Type of degeneration:</i> Disc herniation/protrusion		<i>Type of degeneration:</i> Central stenosis, Lateral stenosis, Foraminal stenosis, Degenerative deformity, Degenerative spondylolisthesis, Other instability, Facet joint arthrosis, Other	<i>Additional pathology:</i> All except Repeat surgery (Degen. is excluded by default)	Discectomy OR Sequestrectomy OR Foraminotomy OR Interbody fusion (A-IF) OR Disc replacement
<b>Spinal stenosis without spondylolisis - thesis</b>	2006	<i>Main pathology:</i> Degenerative disease  <i>Type of degeneration:</i> Spinal stenosis		<i>Type of degeneration:</i> Other	<i>Additional pathology:</i> All except Failed surgery (Degen. is excluded by default)	Laminotomy OR Hemi-laminectomy OR Laminectomy OR Facet joint resection partial
	2011, 2017, 2025	<i>Main pathology:</i> Degenerative disease  <i>Type of degeneration:</i> Central stenosis OR Lateral stenosis OR Foraminal stenosis		<i>Type of degeneration:</i> Degenerative deformity, Degenerative spondylolisthesis, Other instability, Other	<i>Additional pathology:</i> All except Repeat surgery (Degen. is excluded by default)	Laminotomy OR Hemilaminectomy OR Laminectomy OR Facet joint resection partial OR Foraminotomy OR Interbody fusion (A-IF) OR Disc replacement OR Interspinous spacer

<b>Degenerative spondylolisthesis</b>	2006	<i>Main pathology:</i> Spondylolisthesis  <i>Type of spondylolisthesis:</i> Type III (degenerative)			<i>Additional pathology:</i> All except Degenerative disease and Failed surgery	Any
	2006	<i>Main pathology:</i> Degenerative disease  <i>Type of degeneration:</i> Spinal stenosis OR Spondylarthrosis	<i>Additional pathology:</i> Spondylolisthesis	<i>Type of degeneration:</i> Other	<i>Additional pathology:</i> All except Failed surgery (Degen. is excluded by default)	Any
	2011, 2017, 2025	<i>Type of degeneration:</i> Degenerative spondylolisthesis		<i>Type of degeneration:</i> Degenerative deformity, Other instability, Other	<i>Additional pathology:</i> All except Repeat surgery (Degen. is excluded by default)	Any
<b>Degenerative segment disease</b>	2006	<i>Type of degeneration:</i> Disc degeneration OR Black disc		<i>Type of degeneration:</i> Spinal stenosis, Disc herniation, Other	<i>Additional pathology:</i> All except Failed surgery (Degen. is excluded by default)	Any
	2011, 2017, 2025	<i>Type of degeneration:</i> Degenerative disc disease		<i>Type of degeneration:</i> Disc herniation/protrusion, Central stenosis, Lateral stenosis, Foraminal stenosis, Degenerative deformity, Degenerative spondylolisthesis, Other instability, Myelopathy, Other	<i>Additional pathology:</i> All except Repeat surgery (Degen. is excluded by default)	Any
<b>Degenerative deformity</b>	2006	<i>Main pathology:</i> Deformity  <i>Predominant etiology:</i> Degenerative			<i>Additional pathology:</i> All except Degenerative disease and Failed Surgery	Any
	2006	<i>Main pathology:</i> Degenerative disease	<i>Additional pathology:</i> Deformity		<i>Additional pathology:</i> All except Failed surgery (Degen. is excluded by default)	Any
	2011, 2017, 2025	<i>Main pathology:</i> Degenerative disease  <i>Type of degeneration:</i> Degenerative deformity			<i>Additional pathology:</i> All except Repeat surgery (Degen. is excluded by default)	Any