



Cervical Diagnosis Groups in degenerative disease

Version 1.0, March 2025

**Cervical Diagnosis Groups in degenerative disease
(based on the fields in the Spine Tango 2006, 2011 and 2017 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	
Disc herniation	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
Spinal stenosis without spondylolisis - thesis	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 Laminoplasty OR Foraminotomy OR Interbody fusion (A-IF) OR Disc replacement

Degenerative spondylolisthesis	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
Degenerative segment disease	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
Degenerative deformity	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

Myelopathy	2006	-	-	-	-	-
	2011, 2017, 2025	Main pathology: Degenerative disease Type of degeneration: Myelopathy				Discectomy OR Interbody fusion (A-IF) OR Vertebral body replacement by cage OR Vertebral body replacement by auto- /allograft OR Disc replacement