



**Definitions of diagnosis subgroups
in degenerative disease**

Diagnosis subgroups in degenerative disease

(based on the fields in the Spine Tango 2006 and 2011 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 and 2011 forms. The criteria were developed in conjunction with a consultant Spine surgeon and were finalised with the consensus of the Spine Tango Registry Committee which comprises three clinical researchers and three clinicians (spine surgeons). Using these criteria it is possible to assign each patient with “degenerative disease” to one exclusive pathology for further group analyses.

PATHOLOG Y						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 Sequesterectomy
	2011	<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 Sequesterectomy
Spinal stenosis without spondylolisthesis	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	<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 Hemi-laminectomy OR Laminectomy OR Facet joint resection partial OR Interspinous spacer

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
Degenerative spondylolisthesis Degenerative segment disease	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	<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
	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
Degenerative segment disease Degenerative deformity	2011	<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
	2006	<i>Main pathology:</i> Deformity <i>Predominant etiology:</i> Degenerative			<i>Additional pathology:</i> All except Degenerative disease and Failed Surgery	Any
Degenerative deformity	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	<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