

# Surgery v2025

= only 1 answer allowed

= multiple answers allowed

## Patient data

Medical Record Number

Last name

First name

Date of birth DD/MM/YYYY

male     other gender  
 female     not specified

## Admission/Pathology

### Main pathology

- degenerative disease
- spondylolisthesis (non-degen.)
- fracture/trauma
- pathological fracture
- deformity (non-degen.)
- infection
- tumor
- revision/reoperation
- other ...

### Type of degeneration primary/secondary

- none
- disc herniation
- central or lateral stenosis
- foraminal stenosis
- degenerative disc disease
- degenerative deformity
- degenerative spondylolisthesis
- myelopathy
- facet joint arthrosis
- synovial cyst
- SI joint
- other ...

### Type of spondylolisthesis

- Type I (congenital, dysplastic)
- Type II (isthmic)
- Type III (degenerative) ←
- Type IV (traumatic)
- Type V (pathologic)
- Type VI (postoperative)

### Type of fracture/trauma

- condylar (C0)
- C0/1 dissociation
- C1 fracture
- C1/2 instability
- C2 dens fracture
- other C2 fracture
- fracture C3-C7
- fracture Th1-L5/S1
- sacrum fracture
- other ...

### OF classification

- 1
- 2
- 3
- 4
- 5

### Pathological fracture age

- < 28 days
- ≥ 28 days

### Dens fracture

- Type I
- Type II
- Type III

### Type of deformity

- scoliosis
- kyphosis
- frontal imbalance
- sagittal imbalance

other ...

### Predominant etiology

- idiopathic
- congenital
- neuromuscular
- posttraumatic
- M. Scheuermann

other ...

### Type of tumor

- primary malignant
- primary benign
- secondary malignant
- tumor-like lesion

other ...

### Localisation of tumor

- extraosseous soft tissues
- intraosseous
- extraosseous (extradural)
- extraosseous (intradural)

other ...

### Infection

- pyogenic
- tuberculous
- unknown

other ...

### Affected structures

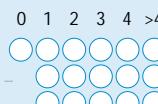
- spondylitis
- discitis
- epidural space
- paravertebral infection

other ...

## Operation

### Number of previous spine surgeries at same/adjacent segments

- of which at the same segments
- of which at adjacent segments



Surgery date

DD/MM/YYYY

Surgeon

Name

Height

cm

Weight

kg

Extent of surgery - see next page

### Morbidity state (ASA)

- ASA 1 no disturbance
- ASA 2 mild/moderate
- ASA 3 severe
- ASA 4 life threatening
- ASA 5 moribund

Current smoker

- yes
- no
- unknown

### Anterior or lateral access

- no anterior or lateral access
- transoral
- anterolateral
- lateral
- cervicothoracic anterolateral
- thoracotomy
- thoracoabdominal
- retroperitoneal
- thoracoscopy
- other ...

### Posterior access

- no posterior access
- median
- paramedian
- percutaneous
- other ...

### Anaesthesia

- local
- spinal
- general

### Surgeon credentials

- board certified and/or specialised
- in training and/or instructed

### Implants

- registration by catalogue number
- registration by manufacturer and brand
- no new implants

## Surgical measures

### Decompression

- none
- discectomy partial/total
- laminotomy
- hemilaminectomy
- laminectomy
- facetectomy partial
- facetectomy total
- sequestrectomy
- foraminotomy
- uncoforaminitomy
- other ...

### Rigid stabilisation

- none
- pedicle screw cemented
- pedicle screw uncemented
- vertebral body replacement by cage
- vertebral body replacement by graft
- plates
- iliac screw
- lateral mass screws
- facet screws
- transarticular screws C1-C2
- C2 pars/isthmic screws
- laminar hooks
- pedicle hooks
- sublaminar band/wire
- dens screws
- laminar screws
- cement
- other

### Motion preserving stabilisation

- none
- disc replacement
- dynamic stabilisation
- interspinous spacer
- lumbar pars screws
- other ...

### Fusion

- none
- A-IF
- OLIF
- PLIF
- TLIF
- XLIF
- other interbody fusion
- posterolateral fusion
- posterior fusion
- other ...

### Fusion material

- none
- autologous bone harvested
- autologous bone locally procured
- allogenic bone
- bone substitute
- BMP or similar
- other ...

### Extent of surgery

the same as for fusion

	Decompression	Fusion	Rigid stabilisation	Deformity correction	Motion preserving stabilisation	Other surgical measures
C0/1 or C0						
C1/2 or C1						
C3/3 or C2						
C3/4 or C3						
C4/5 or C4						
C5/6 or C5						
C6/7 or C6						
C7/Th1 or C7						
Th1/2 or Th1						
Th2/3 or Th2						
Th3/4 or Th3						
Th4/5 or Th4						
Th5/6 or Th5						
Th6/7 or Th6						
Th7/8 or Th7						
Th8/9 or Th8						
Th9/10 or Th9						
Th10/11 or Th10						
Th11/12 or Th11						
Th12/L1 or Th12						
L1/2 or L1						
L2/3 or L2						
L3/4 or L3						
L4/5 or L4						
L5/S1 or L5						
S1						
sacrum S2-5						
coccyx						
ilium						

### Deformity correction

- none
- Ponte-Smith-Petersen, Schwab II
- PSO, Schwab III/IV
- VCR
- other ...

### Other surgical measures

- none
- vb augmentation with height restoration
- vb augmentation w/o height restoration
- hardware removal
- wound drain
- other ...

### Intraoperative adverse events

- none
- nerve root damage
- spinal cord damage
- dura lesion
- vascular injury
- fracture vertebral structures
- cement leakage necessitating intraop. therapeutic measures
- therapeutic measures
- other events

### Measures during surgery

- none
- suture
- glue
- implant reposition
- other ...

### Intraoperative general complications

- none
- anaesthesiological
- cardiovascular
- pulmonary
- thromboembolism
- death
- other ...

## Implant labels