AO Spine Adult Spinal Deformity Patient Profile

General Health Status		Spine-specific Status		Imaging		Type of Deformity
Demographics	**Comorbidities**	**Health Status**	**Neurologic Status**	**Radiograph**	**MRI**	**Etiology**

General Health Status

Demographics

Age (≥18 y)
☐ (years)

Gender
o Female
o Male

Social Support
o Yes & informal care such as family / friends / neighbors
o Yes & formal professional care such as home care
o No

Comorbidities

- Cardiopulmonary Deficit*
  o Yes
  o No
- Depression*
  o Yes
  o No
- Diabetes Mellitus*
  o Yes
  o No
- Smoking Status
  o Yes, current-smoker
  o Yes, former smoker
  o No, never-smoker
- Obesity (BMI ≥30)
  o Yes
  o No
- Osteoporosis* (radiologically confirmed)
  o Yes
  o No

Physical Status
o ASA 1
o ASA 2
o ASA 3
o ASA 4

Frailty*
o Yes & clinically relevant
o Yes & clinically not relevant[†]
o No

Spine-specific Status

Health Status

Functional Ability
- ODI v2.1a (0-100)
  ☐ /100

Back Pain
- NPRS (0-10)
  ☐ /10

Leg Pain
- NPRS (0-10)
  ☐ /10

HRQoL
- EQ5D-3L (1-3)
  ☐ /3, ☐ /3, ☐ /3, ☐ /3, ☐ /3
  ☐ /100 (EQ VAS: 0-100)
  ☐ (Utility score[§]: -0.330-1.0)
- SRS-22r (1-5)
  ☐ /5 (Function)
  ☐ /5 (Pain)
  ☐ /5 (Self-Image)
  ☐ /5 (Mental Health)
  ☐ /5 (Satisfaction)
  ☐ /5 (Subtotal)
  ☐ /5 (Total)

Expectations
☐ (CEQ item[#])

Previous Thoracolumbar Spine Surgery
o Yes & ☐ (number)
o No

Neurologic Status

Neurological Impairment
- Radicular Pain
  o Yes with dermatome involvement
  o Yes with no specific dermatome involvement
  o No
- Motor Weakness
  o Yes & clinically relevant
  o Yes & clinically not relevant[†]
  o No
- Loss of Sensation
  o Yes & clinically relevant
  o Yes & clinically not relevant[†]
  o No

Imaging

Radiograph

Coronal Plane
- Curve type (SRS-Schwab)
  o Thoracic
  o Lumbar
  o Double
  o No major coronal deformity
- Balance (Obeid Type)
  o 0 'Balanced'
  o 1&2 'Imbalanced'
- Largest Cobb Angle[‡] (degree)
  ☐ (continuous)
- Documented Progression
  o Yes & ☐ (degrees)
  o No
- Alignment[‡] (CSVL – C7PL)
  ☐ (mm)

Sagittal Plane
- PI[‡] (degree)
  ☐ (continuous)
- PT[‡] (degree)
  ☐ (continuous)
- LL[‡] (degree)
  ☐ (continuous)
- SVA[‡] (mm)
  ☐ (continuous)
- Compensated Spine*
  ☐ Yes & at thoracic
  ☐ Yes & at thoracolumbar
  ☐ Yes & at lumbar
  ☐ Yes & at sacropelvis
  o No

MRI

Neural Compression 'Stenosis'*
o Yes & clinically relevant
o Yes & clinically not relevant[†]
o No

Type of Deformity

Etiology

(Aebi Classification: Type I, II or III)
o I Primary degenerative 'de novo'
o II Adult Idiopathic Scoliosis (AdIS)
o III Secondary degenerative

Spine related
☐ Post-trauma
☐ Post-tumor
☐ Post-surgery AIS & other deformity
☐ Scheuermann's
☐ Congenital
☐ Osteoporotic
☐ Inflammatory disease

Motor control related
☐ Neuromuscular
☐ Multiple Sclerosis
☐ Parkinson's disease

LEGEND

☐ provides space for filling in appropriate value / number.
o Indicates single-choice options. Please only tick one from the options.
☐ Indicates multiple-choice options. Please tick whichever applies. Can be none.
* These items do not yet have a widely accepted measurement instrument in the literature. Please choose based on your own clinical expert opinion.

† Clinically not relevant—referring to either not contributing to decision-making, or lacking correlation between imaging and clinical findings.
§ Please provide the score when it is available.
# CEQ set 1 item 4: By the end of the treatment period, how much improvement in your symptoms do you think will occur? Answer options: 0; 10; 20; 30; 40; 50; 60; 70; 80; 90; 100%
‡ SRS manual. Please indicate as positive or negative whenever applicable.