

Section 17.13a Spine or Pelvis Impairment Rating Steps Summary, details the five-step process for completing an impairment rating. The third step involves using the relevant diagnosis-based impairment (DBI) table to determine the diagnostic row, class, grade, and impairment value for a confirmed diagnosis based on the specific individual elements (SIEs) obtained from the clinical history, physical examination, and relevant clinical studies. Table 17-01g is provided as a structured resource to ensure a thorough and accurate assessment. The spine-specific individual elements (SIEs) include sensation in a neuroanatomically plausible dermatomal distribution [1. confirms residual radicular symptoms of pain or subjectively altered sensory perception (paresthesia-like often described as numbness) without objectively verifiable sensory loss for dullness to pinprick or loss of sharp vs dull perception, 2. sensory deficit dullness to pinprick, or 3. sensory deficit loss of sharp vs dull perception (decreased protective sensibility)], the presence of tension signs specific to the nerve root, muscle strength evaluated on a 5/5 scale to indicate normalcy, atrophy measured in centimeters, the clinical relevance of diminished or absent reflexes for the specific nerve root, and fracture identification, described in terms of percentage of height loss. It is essential to identify and match all SIEs listed in the diagnostic row. Additionally, secondary diagnoses that are not redundant and meet all necessary SIE criteria may be considered for combination if they are appropriate and non-duplicative. For further details, refer to all sections within Chapter 17.

Name:					Exam Date:			
ID Number:	Sex: <input type="checkbox"/> F <input type="checkbox"/> M	Side: <input type="checkbox"/> R <input type="checkbox"/> L			Birth Date:			
Diagnosis 1:					Injury Date:			
Diagnosis 2:								
Diagnosis 3:								
Cervical								
Diagnostic Row	Root	Clinical studies confirm	Sensory Loss	Neural Tension	Muscle Strength	Atrophy	DTR	Vertebral Body Fracture (Height Loss, %)
17-19-03	C1	yes / no	N/A	N/A	N/A	N/A	N/A	yes / no
17-19-04	C2	yes / no	N/A	N/A	N/A	N/A	N/A	yes / no
17-19-05	C3	yes / no	Pin prick or sharp/dull	N/A	N/A	N/A	N/A	No, <25, ≥25 to <50, ≥50%

17-19-06	C4	yes / no	Pin prick or sharp/dull	N/A	N/A	N/A	N/A	No, <25, ≥25 to <50, ≥50%
Diagnostic Row	Root	Clinical studies confirm	Sensory	Neural Tension	Muscle Strength	Atrophy	DTR	Vertebral Body Fracture (Height Loss, %)
17-19-07	C5	yes / no	Pin prick or sharp/dull	yes / no	/5	>1 to ≤1.5 cm >1.5 to ≤2 cm >2 to ≤3 cm >3 cm	Normal / diminished / absent	No, <25, ≥25 to <50, ≥50%
17-19-08	C6	yes / no	Pin prick or sharp/dull	yes / no	/5	>1 to ≤1.5 cm >1.5 to ≤2 cm >2 to ≤3 cm >3 cm	Normal / diminished / absent	No, <25, ≥25 to <50, ≥50%
17-19-09	C7	yes / no	Pin prick or sharp/dull	yes / no	/5	>1 to ≤1.5 cm >1.5 to ≤2 cm >2 to ≤3 cm >3 cm	Normal / diminished / absent	No, <25, ≥25 to <50, ≥50%
17-19-10	C8	yes / no	Pin prick or sharp/dull	N/A	/5	>1 to ≤1.5 cm >1.5 to ≤2 cm >2 to ≤3 cm >3 cm	N/A	No, <25, ≥25 to <50, ≥50%

						>3 cm		
17-19-11	Fx C1-C2	yes / no	N/A	N/A	N/A	N/A	N/A	No, <25, ≥25 to <50, ≥50%
17-19-12	Fx C3-C7	yes / no	N/A	N/A	N/A	N/A	N/A	No, <25, ≥25 to <50, ≥50%
17-19-13	AOMSI / Fusion	yes / no	Circle single or multiple level fusion or arthroplasty Section 17.03a2s					
17-19-14	AOMSI / Instability	yes / no	Circle choice, 20° anterior or 20°posterior translation or > 11° angular motion					
Thoracic								
Diagnostic Row	Root	Clinical studies confirm	Sensory	Neural Tension	Muscle Strength	Atrophy	DTR	Vertebral Body Fracture (Height Loss, %)
17-20-03	T1	yes / no	Pin prick or sharp/dull	N/A	/5	>1 to ≤1.5 cm >1.5 to ≤2 cm >2 to ≤3 cm >3 cm	N/A	No, <25, ≥25 to <50, ≥50%
17-20-04	T2-T12	yes / no	Pin prick or sharp/dull	N/A	N/A	N/A	N/A	N/A

17-20-05	Fx T2-T12	yes / no	N/A	N/A	N/A	N/A	N/A	No, <25, ≥25 to <50, ≥ 50%
17-20-06	AOMSI / Fusion	yes / no	Circle single or multiple level fusion					
17-20-07	AOMSI / Instability	yes / no	Circle choice, 2.5mm anterior or 2.5mm posterior translation or > 5° angular motion					
Lumbar								
17-21-03	L1	yes / no	N/A	yes / no	N/A	N/A	N/A	No, <25, ≥25 to <50, ≥ 50%
17-21-04	L2	yes / no	Pin prick or sharp/dull	yes / no	/5	N/A	N/A	No, <25, ≥25 to <50, ≥ 50%
17-21-05	L3	yes / no	Pin prick or sharp/dull	yes / no	/5	>1 to ≤1.5 cm >1.5 to ≤2 cm >2 to ≤3 cm >3 cm	N/A	No, <25, ≥25 to <50, ≥ 50%
Diagnostic Row	Root	Clinical studies confirm	Sensory	Neural Tension	Muscle Strength	Atrophy	DTR	Vertebral Body Fracture (Height Loss, %)
17-21-06	L4	yes / no	Pin prick or sharp/dull	yes / no	/5	>1 to ≤1.5 cm >1.5 to ≤2 cm >2 to ≤3 cm >3 cm	Normal / diminished / absent	No, <25, ≥25 to <50, ≥ 50%

						>3 cm		
17-21-07	L5	yes / no	Pin prick or sharp/dull	yes / no	/5	>1 to ≤1.5 cm >1.5 to ≤2 cm >2 to ≤3 cm >3 cm	N/A	No, <25, ≥25 to <50, ≥50%
17-21-08	S1	yes / no	Pin prick or sharp/dull	yes / no	/5	>1 to ≤1.5 cm >1.5 to ≤2 cm >2 to ≤3 cm >3 cm	Normal / diminished / absent	No, <25, ≥25 to <50, ≥50%
17-21-09	Fx	yes / no						No, <25, ≥25 to <50, ≥50%
17-21-10		yes / no	Neurogenic claudication (1) spinal stenosis single level or (2) spinal stenosis multiple level or bilateral					
17-21-11	AOMSI / Fusion	yes / no	Circle single or multiple level fusion or arthroplasty Section 17.03a2t					
17-21-12	AOMSI / Instability	yes / no	Circle choice, >6° anterior or >9° posterior translation or Relative-translation (one per appropriate level) T12-L5 >8% anterior or >9% posterior relative translation of one vertebra on another L5-S1 >6% anterior or >9% posterior relative translation of one vertebra on another Angular-Motion (one per appropriate level) L1-L2, L2-L3, and L3-L4 and >15° L4-L5 >20° L5-S1 >25°					

Pelvis Fracture		Clinical Studies Confirm	Fracture displacement	Residual deformity	Instability	Pseudoarthrosis / osteomyelitis
17-22-03	Pubic Rami (symphysis)	yes / no	≤1 cm >1 to <3 cm ≥3 cm	yes / no	yes / no	yes / no
17-22-04	Ilium, Ischium, Sacrum, or Coccyx	yes / no	≤1 cm >1 to <2 cm ≥2 cm	yes / no	yes / no	yes / no
17-22-05	Sacroiliac Joint Injury, Transverse Sacral Fracture, or Spinopelvic Dislocation	yes / no	N/A	N/A	yes / no	yes / no
17-22-06	Acetabulum	yes / no	≤1 cm	N/A	N/A	N/A
17-22-07	Pelvic Fracture with Leg Length Loss >1 to <2 cm or ≥2 cm	yes / no	N/A	N/A	N/A	N/A
If not duplicative option to combine (see instructions)					Diagnostic Row	Impairment Value
Cervical Spine Nerve Root Impairment per side is rated at 100% for highest whole person impairment (WPI)						
Cervical Spine Nerve Root Impairment per side is rated at 50% of second highest WPI (combined with the highest)						
Cervical Spine Fracture Impairment						
Total Cervical Spine Impairment (Maximum Cap of 33% WPI)						

If not duplicative option to combine (see instructions)	Diagnostic Row	Impairment Value
Thoracic Spine Nerve Root Impairment per side is rated at 100% for highest whole person impairment (WPI)		
Thoracic Spine Nerve Root Impairment per side is rated at 50% of second highest WPI (combined with the highest)		
Thoracic Spine Fracture Impairment		
Total Thoracic Spine Impairment (Maximum Cap of 22% WPI)		
Lumbar Spine Nerve Root Impairment per side is rated at 100% for highest whole person impairment (WPI)		
Lumbar Spine Nerve Root Impairment per side is rated at 50% of second highest WPI (combined with the highest)		
Lumbar Spine Fracture Impairment		
Total Lumbar Spine Impairment (Maximum Cap of 33% WPI)		
Pelvis Impairment		
Total Pelvis Impairment		
Each DBI Table has specific instructions combining or general guidance in Section 17.14 Combining Impairment for Spine and Pelvis.		
Final Whole Person		
Print Evaluator's Name:	Signed:	