§4.71a

Rat-

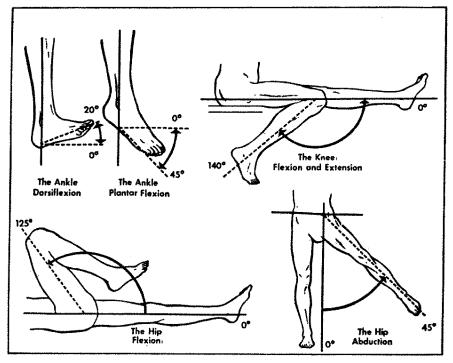


PLATE II

[29 FR 6718, May 22, 1964, as amended at 43 FR 45349, Oct. 2, 1978; 67 FR 48785, July 26, 2002]

§4.71a Schedule of ratings—musculoskeletal system.

ACUTE, SUBACUTE, OR CHRONIC DISEASES

	Rat- ing
 5000 Osteomyelitis, acute, subacute, or chronic: Of the pelvis, vertebrae, or extending into major joints, or with multiple localization or with long history of intractability and debility, anemia, amyloid liver changes, or other continuous 	
constitutional symptoms	100
Frequent episodes, with constitutional symptoms With definite involucrum or sequestrum, with or	60
without discharging sinus	30
tive infection within the past 5 years Inactive, following repeated episodes, without	20
evidence of active infection in past 5 years	10

ACUTE, SUBACUTE, OR CHRONIC DISEASES— Continued

	ing
NOTE (1): A rating of 10 percent, as an exception to the amputation rule, is to be assigned in any case of active osteomyelitis where the amputation rating for the affected part is no percent. This 10 percent rating and the other partial ratings of 30 percent or less are to be combined with ratings for ankylosis, limited motion, nonunion or malunion, shortening, etc., subject, of course, to the amputation rule. The 60 percent rating, as it is based on con- stitutional symptoms, is not subject to the am- putation rule. A rating for osteomyelitis will not be applied following cure by removal or radical resection of the affected bone.	

ACUTE, SUBACUTE, OR CHRONIC DISEASES— Continued

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ACUTE, SUBACUTE, OR CHRONIC DISEASES— Continued

	Rat- ing		Rat- ing
Note (2): The 20 percent rating on the basis of activity within the past 5 years is not assign- able following the initial infection of active os- teomyelitis with no subsequent reactivation. The prerequisite for this historical rating is an established recurrent osteomyelitis. To qualify for the 10 percent rating, 2 or more episodes following the initial infection are required. This 20 percent rating or the 10 percent rating, when applicable, will be assigned once only to cover disability at all sites of previously active infection with a future ending date in the case		 With X-ray evidence of involvement of 2 or more major joints or 2 or more minor joint groups, with oc- casional incapacitating exacer- bations With X-ray evidence of involvement of 2 or more major joints or 2 or more minor joint groups Note (1): The 20 pct and 10 pct ratings based on X-ray findings, above, will not be combined with ratings based on limita- tion of motion. 	20 10
of the 20 percent rating. 5001. Bones and joints, tuberculosis of, active or in-		Note (2): The 20 pct and 10 pct ratings based on X-ray findings, above, will not	
 Active	100 100 60 40 20	 based on X-ray findings, above, will not be utilized in rating conditions listed under diagnostic codes 5013 to 5024, inclusive. 5004 Arthritis, gonorrheal. 5005 Arthritis, sphoid. 5007 Arthritis, streptococcic. 5009 Other specified forms of arthropathy (excluding gout). Note (1): Other specified forms of arthropathy include, but are not limited to, Charcot neuropathic, hypertrophic, crystalline, and other autoimmune arthropathies. Note (2): With the types of arthritis, diagnostic codes 5004 through 5009, rate the acute phase under diagnostic code 5002; rate any chronic residuals under diagnostic code 5003. 5010 Post-traumatic arthritis: Rate as limitation of motion, dislocation, or other specified instability under the affected joint. If there are 2 or more joints affected, each rating shall be combined in accordance with § 4.25. 5011 Decompression illness: Rate manifestations under the appropriate diagnostic code within the affected body system, such as arthritis for musculoskeletal residuals; auditory system for pulmonary barotrauma residuals; and neurologic system for cerebrovascular accident residuals. 	
higher evaluation. 5003 Degenerative arthritis, other than post-trau- matic: Degenerative arthritis established by X-ray findings will be rated on the basis of limi- tation of motion under the appropriate di-		5012 Bones, neoplasm, malignant, primary or sec- ondary	100
agnostic codes for the specific joint or joints involved (DC 5200 etc.). When how- ever, the limitation of motion of the spe- cific joint or joints involved is noncompen- sable under the appropriate diagnostic codes, a rating of 10 pct is for application for each such major joint or group of minor joints affected by limitation of mo- tion, to be combined, not added under di- agnostic code 5003. Limitation of motion must be objectively confirmed by findings such as swelling, muscle spasm, or satis- factory evidence of painful motion. In the absence of limitation of motion, rate as below:		 billion of the second of the second	

ACUTE, SUBACUTE, OR CHRONIC DISEASES-Continued

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PROSTHETIC IMPLANTS AND RESURFACING-Continued

Continued			Continued		
		Rat- ing		Rat	-
Note to DCs 5013 through 5024: E the diseases under diagnostic cod through 5024 as degenerative based on limitation of motion of parts.	es 5013 arthritis,		Prosthetic replacement of the shoulder joint: For 1 year following implantation of prosthesis	Major 100	Minor 100
5025 Fibromyalgia (fibrositis, primary fibro	myalgia		With chronic residuals consisting of severe, painful motion or weak-		
syndrome) With widespread musculoskeletal pain a der points, with or without associated sleep disturbance, stiffness, pares headache, irritable bowel symptoms,	fatigue, thesias,		ness in the affected extremity With intermediate degrees of resid- ual weakness, pain or limitation of motion, rate by analogy to di-	60	50
sion, anxiety, or Raynaud's-like sympto That are constant, or nearly so, and tory to therapy	ms: I refrac-	40	agnostic codes 5200 and 5203. Minimum rating	30	2
precipitated by environmental o tional stress or by overexertion, are present more than one-third	r emo- but that		For 1 year following implantation of prosthesis With chronic residuals consisting of	100	10
time That require continuous medication trol NOTE: Widespread pain means pain in the left and right sides of the body, that above and below the waist, and that	for con-	20 10	severe painful motion or weak- ness in the affected extremity With intermediate degrees of resid- ual weakness, pain or limitation of motion rate by analogy to di- agnostic codes 5205 through	50	40
both the axial skeleton (<i>i.e.</i> , cervical sp terior chest, thoracic spine, or low ba the extremities.			5208. Minimum evaluation 5053 Wrist replacement (prosthesis). Prosthetic replacement of wrist joint:	30	20
PROSTHETIC IMPLANTS AND RES			For 1 year following implantation of prosthesis With chronic residuals consisting of severe, painful motion or weak-	100	10
	Rati Major	Minor	ness in the affected extremity With intermediate degrees of resid-	40	3
Note (1): When an evaluation is assigned for joint resurfacing or the prosthetic re-			ual weakness, pain or limitation of motion, rate by analogy to di- agnostic code 5214.		
placement of a joint under diagnostic codes 5051–5056, an additional rating under §4.71a may not also be assigned for thet joint unleas otherwise directed			Minimum rating 5054 Hip, resurfacing or replacement (prosthesis): For 4 months following implantation	20	2
for that joint, unless otherwise directed. Note (2): Only evaluate a revision procedure in the same manner as the original proce- dure under diagnostic codes 5051–5056 if all the original components are replaced.			of prosthesis or resurfacing Prosthetic replacement of the head of the femur or of the acetab- ulum:		10
Note (3): The term "prosthetic replacement" in diagnostic codes 5051–5053 and 5055– 5056 means a total replacement of the named joint. However, in DC 5054, "pros-			Following implantation of prosthesis with painful motion or weakness such as to require the		
thetic replacement" means a total replace- ment of the head of the femur or of the acetabulum. Note (4): The 100 percent rating for 1 year			use of crutches Markedly severe residual weakness, pain or limi- tation of motion fol-		190
following implantation of prosthesis will commence after initial grant of the 1- month total rating assigned under §4.30			lowing implantation of prosthesis Moderately severe residu- als of weakness, pain or		7
following hospital discharge. Note (5): The 100 percent rating for 4 months following implantation of pros-			limitation of motion Minimum evaluation, total		5
thesis or resurfacing under DCs 5054 and 5055 will commence after initial grant of the 1-month total rating assigned under §4.30 following hospital discharge. Note (6): Special monthly compensation is assignable during the 100 percent rating			replacement only Note: At the conclusion of the 100 percent evaluation period, evaluate resurfacing under diagnostic codes 5250 through 5255; there is no minimum evaluation for resurfacing. 5055 Knee, resurfacing or replacement		30
period the earliest date permanent use of crutches is established. 5051 Shoulder replacement (prosthesis).			(prosthesis): For 4 months following implantation of prosthesis or resurfacing		10

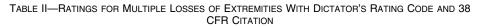
of prosthesis or resurfacing ...

PROSTHETIC IMPLANTS AND RESURFACING—Continued

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PROSTHETIC IMPLANTS AND RESURFACING— Continued

	Rat	ing		Rat	ing
	Major	Minor		Major	Minor
Prosthetic replacement of knee joint: With chronic residuals consisting of severe painful motion or weak- ness in the affected ex- tremity With intermediate degrees of residual weakness, pain or limitation of mo- tion rate by analogy to diagnostic codes 5256, 5261, or 5262. Minimum evaluation, total replacement only Note: At the conclusion of the 100 percent evaluation period, evaluate resurfacing under diagnostic codes 5256 through 5262; there is no minimum evaluation for resurfacing. 5056 Ankle replacement (prosthesis). Prosthetic replacement of ankle joint: For 1 year following implantation of		60	With chronic residuals consisting of severe painful motion or weak- ness. With intermediate degrees of resid- ual weakness, pain or limitation of motion rate by analogy to 5270 or 5271. Minimum rating COMBINATIONS OF DISABILITIES 5104 Anatomical loss of one hand and loss of use of one hoot 5105 Anatomical loss of one foot and loss of use of one hand 5106 Anatomical loss of both hands 5107 Anatomical loss of both feet 5108 Anatomical loss of one hand and one foot 5109 Loss of use of both hands 5107 Anatomical loss of one hand and one foot 5108 Statomical loss of one hand and one foot 5109 Loss of use of both feet 5110 Loss of use of one hand and one foot		40 20 1100 1100 1100 1100 1100 1100 1100



			Impairment of o	other extremity		
Impairment of one extremity	Anatomical loss or loss of use below elbow	Anatomical loss or loss of use below knee	Anatomical loss or loss of use above elbow (preventing use of prosthesis)	Anatomical loss or loss of use above knee (preventing use of prosthesis)	Anatomical loss near shoulder (preventing use of prosthesis)	Anatomical loss near hip (pre- venting use of prosthesis)
Anatomical loss or loss of use below elbow. Anatomical loss or loss of use	M Codes M–1 a, b, or c, 38 CFR 3.350 (c)(1)(i).	L Codes L–1 d, e, f, or g, 38 CFR 3.350(b). L Codes L–1 a, b, or c, 38	M ¹ / ₂ Code M–5, 38 CFR 3.350 (f)(1)(x). L ¹ / ₂ Code L–2 b, 38 CFR	L ¹ / ₂ Code L–2 c, 38 CFR 3.350 (f)(1)(vi). L ¹ / ₂ Code L–2 a, 38 CFR	N Code N–3, 38 CFR 3.350 (f)(1)(xi). M Code M–3 b, 38 CFR	M Code M–3 c, 38 CFR 3.350 (f)(1)(viii) M Code M–3 a, 38 CFR
below knee. Anatomical loss or loss of use above elbow (preventing use		CFR 3.350(b).	3.350 (f)(1)(iii). N Code N–1, 38 CFR 3.350 (d)(1).	3.350 (f)(1)(i). M Code M–2 a, 38 CFR 3.350 (c)(1)(iii).	3.350 (f)(1)(iv). N½ Code N–4, 38 CFR 3.350 (f)(1)(ix).	3.350 (f)(1)(ii) M ¹ ⁄2 Code M–4 c, 38 CFR 3.350 (f)(1)(xi)
of prosthesis). Anatomical loss or loss of use above knee (preventing use of prosthesis).				M Code M–2 a, 38 CFR 3.350 (c)(1)(ii).	M ¹ / ₂ Code M–4 b, 38 CFR 3.350 (f)(1)(vii).	M ¹ ⁄2 Code M–4 a, 38 CFR 3.350 (f)(1)(v)
Anatomical loss near shoulder (preventing use					O Code O–1, 38 CFR 3.350 (e)(1)(i).	N Code N–2 b, 38 CFR 3.350 (d)(3)
of prosthesis). Anatomical loss near hip (pre- venting use of prosthesis).						N Code N-2 a, 38 CFR 3.350 (d)(2)

NOTE.—Need for aid attendance or permanently bedridden qualifies for subpar. L. Code L–1 h, i (38 CFR 3.350(b)). Paraplegia with loss of use of both lower extremities and loss of anal and bladder sphincter control qualifies for subpar. O. Code O–2 (38 CFR 3.350(e)(2)). Where there are additional disabilities rated 50% or 100%, or anatomical or loss of use of a third extremity see 38 CFR 3.350(f) (3), (4) or (5).

(Authority: 38 U.S.C. 1115)

AMPUTATIONS: UPPER EXTREMITY

	Rat	ing
	Major	Minor
Arm, amputation of:		
5120 Complete amputation, upper extrem- ity:		
Forequarter amputation (involving complete removal of the humerus along with any portion of the		
scapula, clavicle, and/or ribs) Disarticulation (involving complete	¹ 100	¹ 100
removal of the humerus only)	¹ 90	1 90
5121 Above insertion of deltoid	¹ 90	¹ 80
5122 Below insertion of deltoid	¹ 80	170
Forearm, amputation of:		
5123 Above insertion of pronator teres	¹ 80	¹ 70
5124 Below insertion of pronator teres	¹ 70	¹ 60
5125 Hand, loss of use of	¹ 70	¹ 60

MULTIPLE FINGER AMPUTATIONS

	MOLTIFLE FINGER AMPOTATIONS		
5126 of	Five digits of one hand, amputation	170	¹ 60
	our digits of one hand, amputation of:		00
5127	Thumb, index, long and ring	170	¹ 60
5128	Thumb, index, long and little	170	¹ 60
5129	Thumb, index, ring and little	170	¹ 60
5130	Thumb, long, ring and little	170	¹ 60
5131	Index, long, ring and little	60	50
Т	hree digits of one hand, amputation of:		
5132	Thumb, index and long	60	50
5133	Thumb, index and ring	60	50
5134	Thumb, index and little	60	50
5135	Thumb, long and ring	60	50
5136	Thumb, long and little	60	50
5137	Thumb, ring and little	60	50
5138	Index, long and ring	50	40
5139	Index, long and little	50	40
5140	Index, ring and little	50	40
5141	Long, ring and little	40	30
	wo digits of one hand, amputation of:		
5142	Thumb and index	50	40
5143	Thumb and long	50	40
5144	Thumb and ring	50	40
5145	Thumb and little	50	40
5146	Index and long	40	30
5147	Index and ring	40	30
5148	Index and little	40	30
5149	Long and ring	30	20
5150 5151	Long and little	30 30	20 20
	Ring and little	30	20
(8	tations apply to amputations at the		
	proximal interphalangeal joints or		
	through proximal phalanges		
(h) Amputation through middle pha-		
(1	langes will be rated as prescribed for		
	unfavorable ankylosis of the fingers		
(0	amputations at distal joints, or		
(0	through distal phalanges, other than		
	negligible losses, will be rated as pre-		
	scribed for favorable ankylosis of the		
	fingers		
	-		

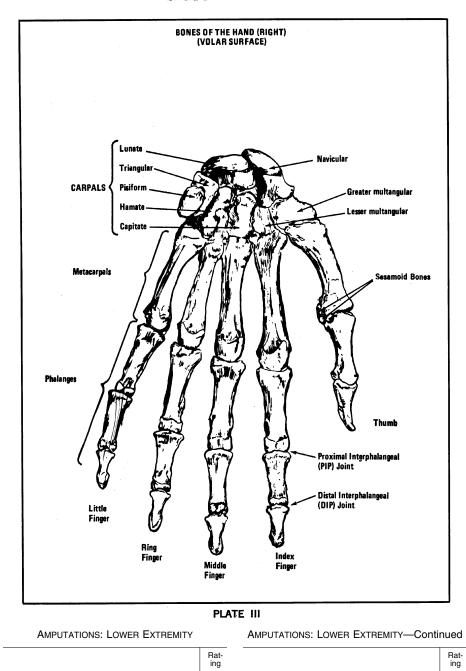
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AMPUTATIONS: UPPER EXTREMITY—Continued

	Rat	ing
	Major	Mino
 (d) Amputation or resection of metacarpal bones (more than one-half the bone lost) in multiple fingers injuries will require a rating of 10 percent added to (not combined with) the ratings, multiple finger amputations, subject to the amputation rule applied to the forearm. (e) Combinations of finger amputations at various levels, or finger amputation of motion of the fingers will be rated on the basis of the grade of disability; <i>i.e.</i>, amputation, unfavorable ankylosis, most representative of the levels or combinations. With an even number of fingers involved, and adjacent grades of disability, select the higher of the two grades. (f) Loss of use of the hand will be held to exist when no effective function remains other than that which would be equally well served by an amputation stump with a suitable prosthetic appli- 		
ance. SINGLE FINGER AMPUTATIONS		
5152 Thumb, amputation of:		
With metacarpal resection At metacarpophalangeal joint or through	40	3
proximal phalanx At distal joint or through distal phalanx	30 20	2
5153 Index finger, amputation of With metacarpal resection (more than		
With metacapar resection (infer that one-half the bone lost) Without metacarpal resection, at proxi- mal interphalangeal joint or proximal	30	2
thereto	20	2
Through middle phalanx or at distal joint 5154 Long finger, amputation of: With metacarpal resection (more than	10	1
one-half the bone lost) Without metacarpal resection, at proxi- mal interphalangeal joint or proximal	20	2
thereto 5155 Ring finger, amputation of:	10	1
With metacarpal resection (more than one-half the bone lost) Without metacarpal resection, at proxi-	20	2
mal interphalangeal joint or proximal thereto	10	1
5156 Little finger, amputation of: With metacarpal resection (more than one-half the bone lost) Without metacarpal resection, at proxi-	20	2
mal interphalangeal joint or proximal thereto	10	1
for amputations of whole or part of single fingers.		

¹ Entitled to special monthly compensation.

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SINGLE FINGER AMPUTATIONS

Thigh, amputation of:

5160 Complete amputation, lower extremity:

AMPUTATIONS: LOWER EXTREMITY—Continued

	Rat- ing
Trans-pelvic amputation (involving complete removal of the femur and intrinsic pelvic	
musculature along with any portion of the	
pelvic bones)	² 100
Disarticulation (involving complete removal	
of the femur and intrinsic pelvic muscula-	
ture only)	² 90
Note: Separately evaluate residuals involving other	
body systems (e.g., bowel impairment, bladder im-	
pairment) under the appropriate diagnostic code.	
5161 Upper third, one-third of the distance from	
perineum to knee joint measured from perineum	² 80
5162 Middle or lower thirds	² 60
Leg, amputation of:	
5163 With defective stump, thigh amputation rec-	200
ommended	² 60
5164 Amputation not improvable by prosthesis con-	200
trolled by natural knee action	² 60 ² 40
5165 At a lower level, permitting prosthesis	~ 40

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AMPUTATIONS: LOWER EXTREMITY—Continued

	Rat- ing
5166 Forefoot, amputation proximal to metatarsal	
bones (more than one-half of metatarsal loss)	² 40
5167 Foot, loss of use of	² 40
5170 Toes, all, amputation of, without metatarsal	
loss or transmetatarsal, amputation of, with up to	
half of metatarsal loss	30
5171 Toe, great, amputation of:	
With removal of metatarsal head	30
Without metatarsal involvement	10
5172 Toes, other than great, amputation of, with re-	
moval of metatarsal head:	
One or two	20
Without metatarsal involvement	0
5173 Toes, three or four, amputation of, without	
metatarsal involvement:	
Including great toe	20
Not including great toe	10

²Also entitled to special monthly compensation.

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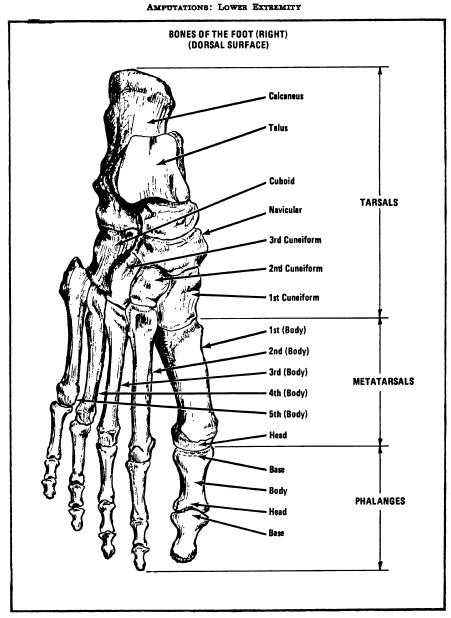


PLATE IV

THE SHOULDER AND ARM

	Rat	ing
	Major	Minor
5200 Scapulohumeral articulation, anky-		
losis of:		
NOTE: The scapula and humerus move		
as one piece.		
Unfavorable, abduction limited to 25°		
from side	50	40
Intermediate between favorable and un-		
favorable	40	30
Favorable, abduction to 60°, can reach		
mouth and head	30	20
5201 Arm, limitation of motion of: Flexion and/or abduction limited to		
25° from side	40	
Midway between side and shoulder	40	30
level (flexion and/or abduction		
limited to 45°)	30	20
At shoulder level (flexion and/or ab-	30	20
duction limited to 90°)	20	20
5202 Humerus, other impairment of:	20	20
Loss of head of (flail shoulder)	80	70
Nonunion of (false flail joint)	60 60	50
Fibrous union of	50	40
Recurrent dislocation of at	50	
scapulohumeral joint:		
With frequent episodes		
and guarding of all arm		
movements	30	20
With infrequent episodes	00	20
and guarding of move-		
ment only at shoulder		
level (flexion and/or ab-		
duction at 90°)	20	20
Malunion of:		
Marked deformity	30	20
Moderate deformity	20	20
5203 Clavicle or scapula, impairment of:	-	
Dislocation of	20	20
Nonunion of:		
With loose movement	20	20
Without loose movement	10	10
Malunion of	10	10
Or rate on impairment of function of		
contiguous joint.		

THE ELBOW AND FOREARM

	Rati	ng
	Major	Minor
5205 Elbow, ankylosis of:		
Unfavorable, at an angle of less than		
50° or with complete loss of		
supination or pronation	60	50
Intermediate, at an angle of more than		
90°, or between 70° and 50°	50	40
Favorable, at an angle between 90° and		
70°	40	30
5206 Forearm, limitation of flexion of:		
Flexion limited to 45°	50	40
Flexion limited to 55°	40	30
Flexion limited to 70°	30	20
Flexion limited to 90°	20	20
Flexion limited to 100°	10	10
Flexion limited to 110°	0	0
5207 Forearm, limitation of extension of:	50	40
Extension limited to 110°	50	40
Extension limited to 100°	40	30
Extension limited to 90°	30	20
Extension limited to 75°	20	20

THE ELBOW AND FOREARM—Continued

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	Rati	ng
	Major	Minor
Extension limited to 60° Extension limited to 45° 5208 Forearm, flexion limited to 100° and	10 10	10 10
extension to 45° 5209 Elbow, other impairment of Flail joint Joint fracture, with marked cubitus varus or cubitus valgus deformity or with ununited fracture of head of ra-	20 60	20 50
dius	20	20
flail false joint 5211 Ulna, impairment of: Nonunion in upper half, with false movement: With loss of bone substance (1 inch	50	40
(2.5 cms.) or more) and marked deformity Without loss of bone substance or	40	30
deformity	30	20
Nonunion in lower half	20	20
Malunion of, with bad alignment 5212 Radius, impairment of: Nonunion in lower half, with false move- ment: With loss of bone substance (1 inch (2.5 cms.) or more) and marked	10	10
deformity Without loss of bone substance or	40	30
deformity	30	20
Nonunion in upper half Malunion of, with bad alignment 5213 Supination and pronation, impairment of:	20 10	20 10
Loss of (bone fusion):		
The hand fixed in supination or hyperpronation	40	30
The hand fixed in full pronation The hand fixed near the middle of	30	20
the arc or moderate pronation	20	20
Limitation of pronation: Motion lost beyond middle of arc Motion lost beyond last quarter of arc, the hand does not approach	30	20
full pronation	20	20
NOTE: In all the forearm and wrist injuries, codes 5205 through 5213, multiple impaired finger movements due to tendon tie-up, muscle or nerve injury, are to be separately rated and combined not to exceed rating for loss of use of hand.	10	10

THE WRIST

	Rating	
	Major	Minor
5214 Wrist, ankylosis of: Unfavorable, in any degree of palmar flexion, or with ulnar or radial devi- ation Any other position, except favorable Favorable in 20° to 30° dorsiflexion NOTE: Extremely unfavorable ankylosis will be rated as loss of use of hands under diagnostic code 5125. 5215 Wrist, limitation of motion of:	50 40 30	40 30 20

THE WRIST—Continued

	Rating	
	Major	Minor
Dorsiflexion less than 15°	10	10
Palmar flexion limited in line with fore- arm	10	10

EVALUATION OF ANKYLOSIS OR LIMITATION OF MOTION OF SINGLE OR MULTIPLE DIGITS OF THE HAND

MOTION OF SINGLE OR MULTIPL THE HAND	E DIGI	TS OF	of more than two inches (5.1 cm.) between the fingertip(s) and the proximal transverse crease of	
	Rat	ing	the palm, with the finger(s) flexed to the extent possible, evaluate	
	Major	Minor	as unfavorable ankylosis	
 For the index, long, ring, and little fingers (digits II, III, IV, and V), zero degrees of flexion represents the fingers fully ex- tended, making a straight line with the rest of the hand. The position of function of the hand is with the wrist dorsiflexed 20 to 30 degrees, the metacarpophalangeal and proximal interphalangeal joints flexed to 30 degrees, and the thumb (digit I) ab- ducted and rotated so that the thumb pad faces the finger pads. Only joints in these positions are considered to be in favorable position. For digits II through V, the metacarpophalangeal joint has a range of zero to 90 degrees of flexion, the proximal interphalangeal joint has a range of zero to 100 degrees of flexion, and the distal (terminal) interphalangeal joint has a range of zero to 70 or 80 degrees of flex- ion When two or more digits of the same hand are affected by any combination of amputation, ankylosis, or limitation of mo- tion that is not otherwise specified in the rating schedule, the evaluation level as- signed will be that which best represents the overall disability (<i>i.e.</i>, amputation, um- favorable or favorable ankylosis, or limita- tion of motion), assigning the higher level of evaluation when the level of disability is equally balanced between one level and the next higher level Si Evaluation of ankylosis of the index, long, ring, and little fingers: (i) If both the metacarpophalangeal and proximal interphalangeal joints of a digit are ankylosed, and either is in extension or full flexion, or there is rotation or an- gulation of a bone, evaluate as amputation without metacarpal resection, at proximal inter- phalangeal joint 	· · · · · · · · · · · · · · · · · · ·		 or proximal interphalangeal joint is ankylosed, and there is a gap of two inches (5.1 cm.) or less between the fingertip(s) and the proximal transverse crease of the palm, with the finger(s) flexed to the extent possible, evaluate as favorable ankylosis. (4) Evaluation of ankylosis of the thumb: (i) If both the carpometacarpal and interphalangeal joints are ankylosed, and either is in extension or full flexion, or there is rotation or angulation of a bone, evaluate as armutation at metacarpophalangeal joint or through proximal phalanx (ii) If both the carpometacarpal and interphalangeal joint or through proximal phalanx (iii) If both the carpometacarpal and interphalangeal joints are ankylosed, evaluate as unfavorable ankylosis, even if each joint is individually fixed in a favorable position (iii) If only the carpometacarpal or interphalangeal joint is ankylosed, and there is a gap of more than two inches (5.1 cm.) between the thumb pad and the fingers, with the thumb attempting to oppose the fingers, evaluate as unfavorable ankylosis. (iv) If only the carpometacarpal or interphalangeal joint is ankylosed, and there is a gap of two inches (5.1 cm.) or less between the thumb pad and the fingers, with the thumb attempting to oppose the fingers, evaluate as unfavorable ankylosis. 	
thereto			I. Multiple Digits: Unfavorable An	r T
(ii) If both the metacarpophalangeal and proximal interphalangeal joints of a digit are ankylosed, evaluate as unfavorable anky- losis, even if each joint is individ-			5216 Five digits of one hand, unfavorable ankylosis of	
ually fixed in a favorable position.	I	I	5217 Four digits of one hand, unfavorable ankylosis of:	
			Thumb and any three fingers	

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Index, long, ring, and little fingers ...

Rating Major Minor

EVALUATION OF ANKYLOSIS OR LIMITATION OF MOTION OF SINGLE OR MULTIPLE DIGITS OF THE HAND—Continued

(iii) If only the metacarpophalangeal or proximal interphalangeal joint is ankylosed, and there is a gap of more than two inches (5.1)

EVALUATION OF ANKYLOSIS OR LIMITATION OF MOTION OF SINGLE OR MULTIPLE DIGITS OF THE HAND—CONTINUED

	Rat	ing
	Major	Minor
Note: Also consider whether evaluation as amputation is warranted. 5218 Three digits of one hand, unfavorable ankylosis of:		
Thumb and any two fingers Index, long, and ring; index, long, and little; or index, ring, and little	50	40
fingers	40	30
Long, ring, and little fingers	30	20
Note: Also consider whether evaluation as amputation is warranted.		
5219 Two digits of one hand, unfavorable ankylosis of:		
Thumb and any finger	40	30
Index and long; index and ring; or index and little fingers	30	20
Long and ring; long and little; or ring and little fingers Note: Also consider whether evaluation as amputation is warranted.	20	20

II. Multiple Digits: Favorable Ankylosis

5220 Five digits of one hand, favorable an- kylosis of	50	40
5221 Four digits of one hand, favorable ankylosis of:		
Thumb and any three fingers	50	40
Index, long, ring, and little fingers	40	30
5222 Three digits of one hand, favorable an-		
kylosis of:		
Thumb and any two fingers	40	30
Index, long, and ring; index, long,		
and little; or index, ring, and little		
fingers	30	20
Long, ring and little fingers	20	20
5223 Two digits of one hand, favorable an-		
kylosis of:		
Thumb and any finger	30	20
Index and long; index and ring; or		
index and little fingers	20	20
Long and ring; long and little; or		
ring and little fingers	10	10

III. Ankylosis of Individual Digits

5224 Thumb, ankylosis of: Unfavorable Favorable	20 10	20 10
Note: Also consider whether evaluation as amputation is warranted and whether an additional evaluation is warranted for re- sulting limitation of motion of other digits or interference with overall function of the hand.		
5225 Index finger, ankylosis of: Unfavorable or favorable	10	10
5226 Long finger, ankylosis of: Unfavorable or favorable	10	10

EVALUATION OF ANKYLOSIS OR LIMITATION OF MOTION OF SINGLE OR MULTIPLE DIGITS OF THE HAND—Continued

	Rat	ing
	Major	Minor
 Note: Also consider whether evaluation as amputation is warranted and whether an additional evaluation is warranted for resulting limitation of motion of other digits or interference with overall function of the hand. S227 Ring or little finger, ankylosis of: Unfavorable or favorable	0	0
IV. Limitation of Motion of Individu	al Digits	I
 5228 Thumb, limitation of motion: With a gap of more than two inches (5.1 cm.) between the thumb pad and the fingers, with the thumb attempting to oppose the fingers With a gap of one to two inches (2.5 to 5.1 cm.) between the thumb pad and the fingers, with the thumb attempting to oppose the fingers. With a gap of less than one inch (2.5 cm.) between the thumb pad and the fingers, with the thumb attempting to oppose the fingers land the fingers, with the thumb pad and the fingers, with a gap of less than one inch (2.5 cm.) between the thumb pad and the fingers, with the thumb attempting to oppose the fingers 	20 10 0	20 10 0
 With a gap of one inch (2.5 cm.) or more between the fingertip and the proximal transverse crease of the palm, with the finger flexed to the extent possible, or; with extension limited by more than 30 degrees. With a gap of less than one inch (2.5 cm.) between the fingertip and the proximal transverse crease of the palm, with the finger flexed to the extent possible, and; extension is limited by no 5230 Ring or little finger, limitation of motion: 	10	10
tion: Any limitation of motion	0	0

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THE SPINE

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THE SPINE—Continued

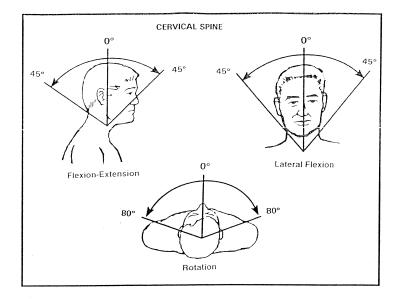
	Rat- ing		Ra
General Rating Formula for Diseases and Injuries of the Spine For diagnostic codes 5235 to 5243 unless 5243 is evaluated under the Formula for Rating Intervertebral Disc Syndrome Based on Incapaci- tating Episodes): With or without symptoms such as pain (whther or not it radiates), stiffness, or aching in the area of the spine affected by residuals of injury or disease Unfavorable ankylosis of the entire spine	100 50 40 30	 Note (2): (See also Plate V.) For VA compensation purposes, normal forward flexion of the cervical spine is zero to 45 degrees, extension is zero to 45 degrees, left and right lateral flexion are zero to 80 degrees. Normal forward flexion of the thoracolumbar spine is zero to 90 degrees, extension is zero to 30 degrees, left and right lateral flexion are zero to 30 degrees, left and right lateral flexion are zero to 30 degrees, left and right lateral flexion are zero to 30 degrees, left and right lateral flexion are zero to 30 degrees, left and right lateral flexion, are zero to 30 degrees, left and right lateral flexion, are zero to 30 degrees, left and right lateral flexion, are zero to 30 degrees, left and right lateral flexion, and left and right rotation. The normal combined range of motion of the cervical spine is 340 degrees. The normal ranges of motion for each component of spinal motion provided in this note are the maximum that can be used for calculation of the combined range of motion. Note (3): In exceptional cases, an examiner may state that because of age, body habitus, neurologic disease, or other factors not the result of disease or injury of the spine, the range of motion stated in Note (2). Provided that the examiner supplies an explanation, the examiner's assessment that the range of motion is normal for that individual will be accepted. Note (4): Round each range of motion measurement to the nearest five degrees. Note (5): For VA compensation purposes, unfavorable ankylosis results in one or more of the following: difficulty walking because of a limited line of vision; restricted opening of the mouth and chewing; breathing limited to diaphragmatic respiration; gastrointestinal symptoms due to pressure of the costal margin on the abdomen; dyspnea or dysphagia; attantoaxial or cervical subluxation or dislocation; or neurologic symptoms due to pressure of the costal margin on the aspinal segment in the spinal as angle segment in the costal ma	
60 degrees but not greater than 85 degrees; or, forward flexion of the cervical spine greater than 30 degrees but not greater than 40 degrees; or, combined range of motion of the thoracolumbar spine greater than 120 degrees but not greater than 120 degrees but not greater than 235 de- grees; or, combined range of motion of the cervical spine greater than 335 degrees; or, muscle spasm, guarding, or lo- calized tenderness not resulting in abnormal gait or abnormal spi- nal contour; or, vertebral body fracture with loss of 50 percent or more of the height	10	neutral position (zero degrees) always represents favorable ankylosis. Note (6): Separately evaluate disability of the thoracolumbar and cervical spine segments, ex- cept when there is unfavorable ankylosis of both segments, which will be rated as a single disability. 5235 Vertebral fracture or dislocation 5236 Sacrolilac injury and weakness 5237 Lumbosacral or cervical strain 5238 Spinal stenosis 5239 Spondylolisthesis or segmental instability 5240 Ankylosing spondylitis 5241 Spinal fusion 5242 Degenerative arthritis, degenerative disc dis- ease other than intervertebral disc syndrome (also, see either DC 5003 or 5010) 5243 Intervertebral disc syndrome: Assign this diag- nostic code only when there is disc hemiation with compression and/or irritation of the adjacent nerve root; assign diagnostic code 5242 for all other disc diagnoses.	

THE SPINE—Continued

THE SPINE—Continued

	Rat- ing		Rat- ing
 Evaluate intervertebral disc syndrome (preoperatively) or postoperatively) either under the General Rating Formula for Diseases and Injuries of the Spine or under the Formula for Rating Intervertebral Disc Syndrome Based on Incapacitating Episodes, whichever method results in the higher evaluation when all disabilities are combined under § 4.25. 5244 Traumatic paralysis, complete: Paraplegia: Rate under diagnostic code 5110. Quadriplegia: Rate separately under diagnostic codes 5109 and 5110 and combine evaluations in accordance with § 4.25. Note: If traumatic paralysis does not cause loss of use of both hands or both feet, it is incomplete paralysis. Evaluate residuals of incomplete traumatic paralysis under the appropriate diagnostic code (<i>e.g.</i>, § 4.124a, Diseases of the Peripheral Nerves). Formula for Rating Intervertebral Disc Syndrome Based on Incapacitating Episodes With incapacitating episodes having a total duration of at least 6 weeks during the past 12 months 	60	 With incapacitating episodes having a total duration of at least 4 weeks but less than 6 weeks during the past 12 months With incapacitating episodes having a total duration of at least 2 weeks but less than 4 weeks during the past 12 months With incapacitating episodes having a total duration of at least one week but less than 2 weeks during the past 12 months Note (1): For purposes of evaluations under diagnostic code 5243, an incapacitating episodes naving episode is a period of acute signs and symptoms due to intervertebral disc syndrome that requires bed rest prescribed by a physician and treatment by a physician. Note (2): If intervertebral disc syndrome is present in more than one spinal segment, provided that the effects in each spinal segment are clearly distinct, evaluate each segment on the basis of incapacitating episodes or under the General Rating Formula for Diseases and Injuries of the Spine, which-ever method results in a higher evaluation for that segment. 	40 20 10

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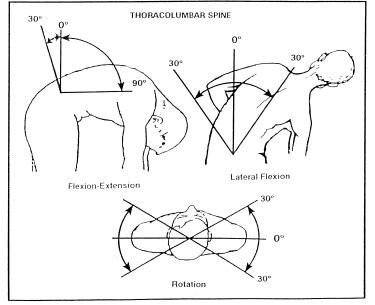


PLATE V RANGE OF MOTION OF CERVICAL AND THORACOLUMBAR SPINE

THE HIP AND THIGH

	Rat- ing
5250 Hip, ankylosis of:	
Unfavorable, extremely unfavorable ankylosis,	
the foot not reaching ground, crutches neces-	2.00
sitated Intermediate	³ 90 70
Favorable, in flexion at an angle between 20°	/0
and 40°, and slight adduction or abduction	60
5251 Thigh, limitation of extension of:	00
Extension limited to 5°	10
5252 Thigh, limitation of flexion of:	
Flexion limited to 10°	40
Flexion limited to 20°	30
Flexion limited to 30°	20
Flexion limited to 45°	10
5253 Thigh, impairment of:	
Limitation of abduction of, motion lost beyond	
10°	20
Limitation of adduction of, cannot cross legs	10
Limitation of rotation of, cannot toe-out more	10
than 15°, affected leg	10 80
5254 Hip, flail joint 5255 Femur, impairment of:	80
Fracture of shaft or anatomical neck of:	
With nonunion, with loose motion	
(spiral or obligue fracture)	80
With nonunion, without loose mo-	
tion, weight bearing preserved	
with aid of brace	60
Fracture of surgical neck of, with	
false joint	60
Malunion of:	
Evaluate under diagnostic codes	
5256, 5257, 5260, or 5261 for	
the knee, or 5250-5254 for the	
hip, whichever results in the	
highest evaluation.	

³Entitled to special monthly compensation.

THE KNEE AND LEG

	Rat- ing
5256 Knee, ankylosis of:	
Extremely unfavorable, in flexion at an angle of	
45° or more	60
In flexion between 20° and 45°	50
In flexion between 10° and 20°	40
Favorable angle in full extension, or in slight	
flexion between 0° and 10°	30
5257 Knee, other impairment of:	
Recurrent subluxation or instability:	
Unrepaired or failed repair of com-	
plete ligament tear causing per-	
sistent instability, and a medical	
provider prescribes both an as- sistive device (<i>e.g.</i> , cane(s),	
crutch(es), walker) and bracing	
for ambulation	30
One of the following:	00
(a) Sprain, incomplete lig-	
ament tear, or repaired	
complete ligament tear	
causing persistent insta-	
bility, and a medical	
provider prescribes a	
brace and/or assistive	
device (<i>e.g.,</i> cane(s),	
crutch(es), walker) for	
ambulation.	

THE KNEE AND LEG-Continued

THE KNEE AND LEG—Continued	
	Rat- ing
(b) Unrepaired or failed re-	
pair of complete liga-	
ment tear causing per-	
sistent instability, and a medical provider pre-	
scribes either an assist-	
ive device (e.g.,	
cane(s), crutch(es),	
walker) or bracing for ambulation	20
Sprain, incomplete ligament tear, or	20
complete ligament tear (repaired,	
unrepaired, or failed repair) caus-	
ing persistent instability, without a prescription from a medical	
provider for an assistive device	
(e.g., cane(s), crutch(es), walker)	
or bracing for ambulation	10
Patellar instability: A diagnosed condition involving the	
patellofemoral complex with re-	
current instability after surgical	
repair that requires a prescription	
by a medical provider for a brace	20
and either a cane or a walker A diagnosed condition involving the	30
patellofemoral complex with re-	
current instability after surgical	
repair that requires a prescription	
by a medical provider for one of the following: A brace, cane, or	
walker	20
A diagnosed condition involving the	
patellofemoral complex with re-	
current instability (with or without history of surgical repair) that	
does not require a prescription	
from a medical provider for a	
brace, cane, or walker Note (1): For patellar instability, the	10
Note (1): For patellar instability, the patellofemoral complex consists of the	
quadriceps tendon, the patella, and the	
patellar tendon.	
Note (2): A surgical procedure that does not involve repair of one or more	
patellofemoral components that contribute	
to the underlying instability shall not qual-	
ify as surgical repair for patellar instability	
(including, but not limited to, arthroscopy to remove loose bodies and joint aspira-	
tion).	
5258 Cartilage, semilunar, dislocated, with frequent	
episodes of "locking," pain, and effusion into the	
joint 5259 Cartilage, semilunar, removal of, symptomatic	20 10
5260 Leg, limitation of flexion of:	
Flexion limited to 15°	30
Flexion limited to 30° Flexion limited to 45°	20 10
Flexion limited to 60°	0
5261 Leg, limitation of extension of:	
Extension limited to 45°	50
Extension limited to 30° Extension limited to 20°	40 30
Extension limited to 15°	20
Extension limited to 10°	10
Extension limited to 5°	0
5262 Tibia and fibula, impairment of:	
Nonunion of, with loose motion, requiring brace	40
Malunion of:	

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THE KNEE AND LEG—Continued

	Rat- ing
Evaluate under diagnostic codes 5256, 5257, 5260, or 5261 for the knee, or 5270 or 5271 for the ankle, whichever results in the highest evaluation.	
Medial tibial stress syndrome (MTSS), or	
shin splints: Requiring treatment for no less than 12 consecutive months, and unresponsive to surgery and ei- ther shoe orthotics or other con- servative treatment, both lower	
extremities	30
Requiring treatment for no less	
than 12 consecutive months, and unresponsive to surgery and ei- ther shoe orthotics or other con- servative treatment, one lower	
extremity	20
tremities	10
Treatment less than 12 consecutive months, one or both lower ex-	
tremities	0
263 Genu recurvatum (acquired, traumatic, with weakness and insecurity in weight-bearing objec-	
tively demonstrated)	10

THE ANKLE

	Rat- ing
5270 Ankle, ankylosis of:	
In plantar flexion at more than 40°, or in	
dorsiflexion at more than 10° or with abduc-	
tion, adduction, inversion or eversion deformity	40
In plantar flexion, between 30° and 40°, or in	-
dorsiflexion, between 0° and 10°	30
In plantar flexion, less than 30°	20
5271 Ankle, limited motion of:	
Marked (less than 5 degrees dorsiflexion or	
less than 10 degrees plantar flexion)	20
Moderate (less than 15 degrees dorsiflexion	
or less than 30 degrees plantar flexion)	10
5272 Subastragalar or tarsal joint, ankylosis of:	
In poor weight-bearing position	20
In good weight-bearing position	10
5273 Os calcis or astragalus, malunion of:	
Marked deformity	20
Moderate deformity	10
5274 Astragalectomy	20
JZ14 ASII AYAIOOUIIIY	20

SHORTENING OF THE LOWER EXTREMITY

	Rat- ing
5275 Bones, of the lower extremity, shortening of:	
Over 4 inches (10.2 cms.)	³ 60
31/2 to 4 inches (8.9 cms. to 10.2 cms.)	³ 50
3 to 31/2 inches (7.6 cms. to 8.9 cms.)	40
21/2 to 3 inches (6.4 cms. to 7.6 cms.)	30
2 to 21/2 inches (5.1 cms. to 6.4 cms.)	20
11/4 to 2 inches (3.2 cms. to 5.1 cms.)	10

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SHORTENING OF THE LOWER EXTREMITY— Continued

	Rat- ing
NOTE: Measure both lower extremities from ante- rior superior spine of the ilium to the internal malleolus of the tibia. Not to be combined with other ratings for fracture or faulty union in the same extremity.	
³ Also entitled to special monthly compensation.	

THE FOOT

	Rat- ing
5269 Plantar fasciitis:	
No relief from both non-surgical and surgical	30
treatment, bilateral No relief from both non-surgical and surgical	30
treatment, unilateral	20
Otherwise, unilateral or bilateral	10
Note (1): With actual loss of use of	10
the foot, rate 40 percent.	
Note (2): If a veteran has been	
recommended for surgical inter-	
vention, but is not a surgical can-	
didate, evaluate under the 20	
percent or 30 percent criteria,	
whichever is applicable.	
5276 Flatfoot, acquired:	
Pronounced; marked pronation, extreme tender-	
ness of plantar surfaces of the feet, marked	
inward displacement and severe spasm of the	
tendo achillis on manipulation, not improved by orthopedic shoes or appliances.	
Bilateral	50
Unilateral	30
Severe; objective evidence of marked deformity	00
(pronation, abduction, etc.), pain on manipula-	
tion and use accentuated, indication of swell-	
ing on use, characteristic callosities:	
Bilateral	30
Unilateral	20
Moderate; weight-bearing line over or medial to	
great toe, inward bowing of the tendo achillis,	
pain on manipulation and use of the feet, bilat-	
eral or unilateral	10
Mild; symptoms relieved by built-up shoe or arch	
support 5277 Weak foot, bilateral:	0
A symptomatic condition secondary to many	
constitutional conditions, characterized by at-	
rophy of the musculature, disturbed circulation,	
and weakness:	
Rate the underlying condition, minimum rat-	
ing	10
5278 Claw foot (pes cavus), acquired:	
Marked contraction of plantar fascia with	
dropped forefoot, all toes hammer toes, very	
painful callosities, marked varus deformity:	
Bilateral	50
Unilateral	30
All toes tending to dorsiflexion, limitation of	
dorsiflexion at ankle to right angle, shortened	
plantar fascia, and marked tenderness under metatarsal heads:	
	30
Bilateral	
Bilateral Unilateral	20
Bilateral Unilateral Great toe dorsiflexed, some limitation of	20
Bilateral Unilateral	20

THE FOOT—Continued

	Rat- ing
Unilateral	10
Slight	0
5279 Metatarsalgia, anterior (Morton's disease),	
unilateral, or bilateral	10
5280 Hallux valgus, unilateral:	
Operated with resection of metatarsal head	10
Severe, if equivalent to amputation of great toe	10
5281 Hallux rigidus, unilateral, severe:	
Rate as hallux valgus, severe.	
Note: Not to be combined with claw foot	
ratings.	
5282 Hammer toe:	10
All toes, unilateral without claw foot Single toes	
5283 Tarsal, or metatarsal bones, malunion of, or	0
nonunion of:	
Severe	30
Moderately severe	20
Moderate	10
NOTE: With actual loss of use of the foot, rate 40	
percent.	
5284 Foot injuries, other:	
Severe	30
Moderately severe	20
Moderate	10
NOTE: With actual loss of use of the foot, rate 40 percent.	

THE SKULL

Bat-

	ing
5296 Skull, loss of part of, both inner and outer ta- bles:	
With brain hernia	80
Without brain hernia:	
Area larger than size of a 50-cent piece or	
1.140 in ² (7.355 cm ²)	50
Area intermediate	30
Area smaller than the size of a 25-cent	
piece or 0.716 in 2 (4.619 cm 2)	10
NOTE: Rate separately for intracranial com- plications.	

THE RIBS

	Rat- ing
 5297 Ribs, removal of: More than six	50 40 30 20 10

THE COCCYX

	Rat- ing
5298 Coccyx, removal of:	
Partial or complete, with painful residuals	10
Without painful residuals	0

(Authority: 38 U.S.C. 1155)

[29 FR 6718, May 22, 1964, as amended at 34 FR 5062, Mar. 11, 1969; 40 FR 42536, Sept. 15, 1975; 41 FR 11294, Mar. 18, 1976; 43 FR 45350, Oct. 2, 1978; 51 FR 6411, Feb. 24, 1986; 61 FR 20439, May 7, 1996; 67 FR 48785, July 26, 2002; 67 FR 54349, Aug. 22, 2002; 68 FR 51456, Aug. 27, 2003; 69 FR 32450, June 10, 2004; 80 FR 42041, July 16, 2015; 85 FR 76460, Nov. 30, 2020, 85 FR 85523, Dec. 29, 2020, 86 FR 8142, Feb. 4, 2021]

§4.72 [Reserved]

§4.73 Schedule of ratings—muscle injuries.

NOTE (1): When evaluating any claim involving muscle injuries resulting in loss of use of any extremity or loss of use of both buttocks (diagnostic code 5317, Muscle Group XVII), refer to §3.350 of this chapter to determine whether the veteran may be entitled to special monthly compensation.

NOTE (2): Ratings of slight, moderate, moderately severe, or severe for diagnostic codes 5301 through 5323 will be determined based upon the criteria contained in §4.56.

THE SHOULDER GIRDLE AND ARM

	Rating	
	Domi- nant	Non- domi- nant
 5301 Group I. Function: Upward rotation of scapula; elevation of arm above shoulder level. Extrinsic muscles of shoulder girdle: (1) Trapezius; (2) levator scapulae; (3) serratus magnus. Severe	40 30 10 0	30 20 10 0
(3) pectoralis minor; (4) rhomboid. Severe	40	30
Moderately Severe Moderate	30 20	20 20
Slight	0	0

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