

Lower Extremity

Patient: Knee Beta

Case Identifiers

Patient Name: Knee Beta
Date of Birth: 10/03/1990
Date of Injury/Illness: 09/30/2016
Evaluation Date: 04/12/2023
Dates of Care: 9/30/2016 to 9/30/2016
Dominant Side: Right Side

Knee Beta reached Maximum Medical Improvement on 09/30/2020.

**Total Whole Person Impairment:
25% WP**

Impairment Rating and Rationale

Knee: Range of Motion	Ch 17, pp 533-538 (Figure 17:4 and Table 17:10)	L: 0% LE / R: 10% LE
Knee: Manual Muscle Testing	Ch 17, pp 531-533 (Tables 17:7 and 17:8)	L: 0% LE / R: 23% LE
Knee: Disorders	Ch 17, p 546 (Table 17:33)	L: 37% LE / R: 0% LE

After the values from each region/body system are expressed in %WP, they are combined to produce the Total Whole Person Impairment.

Whole Person Impairment: 25%

Muscle Strength (Manual Muscle Tests)

Muscle Function Grade Scale	
Grade	Description of muscle function
5	Active movement against gravity with full resistance
4	Active movement against gravity with some resistance
3	Active movement against gravity only, without resistance
2	Active movement with gravity eliminated
1	Slight contraction and no movement
0	No contraction

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Knee Muscle Weakness

This portion of the evaluation was conducted by Fred Olin, MD on 4/12/2023.

Involved Side: Right

Previous Injury: No

Muscle Group	Left Side Grades				Right Side Grades			
	Rep 1	Rep 2	Best	% LE	Rep 1	Rep 2	Best	% LE
Flexion				0%	4	4	4	12%
Extension				0%	4	4	4	12%

Impairment Calculation/Discussion

Refer to AMA Guides, 5th Edition, Chapter 17, pp 531-533 (Tables 17:7 and 17:8)

Impairment

Left: 0% LE Right: 23% LE

muscle test beta

Range of Motion/Ankylosis

Knee Range of Motion

This portion of the evaluation was conducted by Fred Olin, MD on 4/12/2023.

Involved Side: Right

Previous Injury: No

Left Side:			Right Side:		
	Flex	Ext		Flex	Ext
Angle			Angle	100	
Impairment	0%	0%	Impairment	10	0
	Varus	Valgus		Varus	Valgus
Angle			Angle		8
Impairment	0%	0%	Impairment	0	0

Impairment Calculation/Discussion

Refer to AMA Guides, 5th Edition, Chapter 17, pp 533-538 (Figure 17:4 and Table 17:10)

All range of motion impairment values are added.

Impairment

Left: 0% LE Right: 10% LE

knee ROM beta

Diagnosis Based Estimates (Specific Disorders)

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Knee Disorders

This portion of the evaluation was conducted by Fred Olin, MD on 4/14/2023.

Involved Side: Left

Previous Injury: No

Evaluation of Left Side:

A total knee replacement with good results carries a 37% LE impairment.

Impairment Calculation/Discussion

Refer to AMA Guides, 5th Edition, Chapter 17, p 546 (Table 17:33)

Impairment

Left: 37% LE

Right: 0% LE

Lower Extremity

Patient: Knee Beta

Total Left Lower Extremity Impairment

37% LE (or 15% WP)

Total Right Lower Extremity Impairment

31% LE (or 12% WP)

The opinions rendered in this report are based on the information available to me at the time of this evaluation. If further information is required to be reviewed, I reserve the right to change my opinion.

Fred Olin, MD