Amputee Height Calculation for Input into Parameters Screen for HD03 Measurements

Measurements with the Hemodialysis HD03 Monitor require the height and target weight of a patient be inputted on the parameters screen of the HD03 Monitor.

For amputees, the patient's weight is inputted. For the calculation of an amputee's height, the following equation is used. The value for K is taken from the table below.

Height = Height (before amputation) x (times) **K**

Example:
Female: 65 inches tall (5 ft, 5 inches)(165.1 cm) with lower leg amputated.
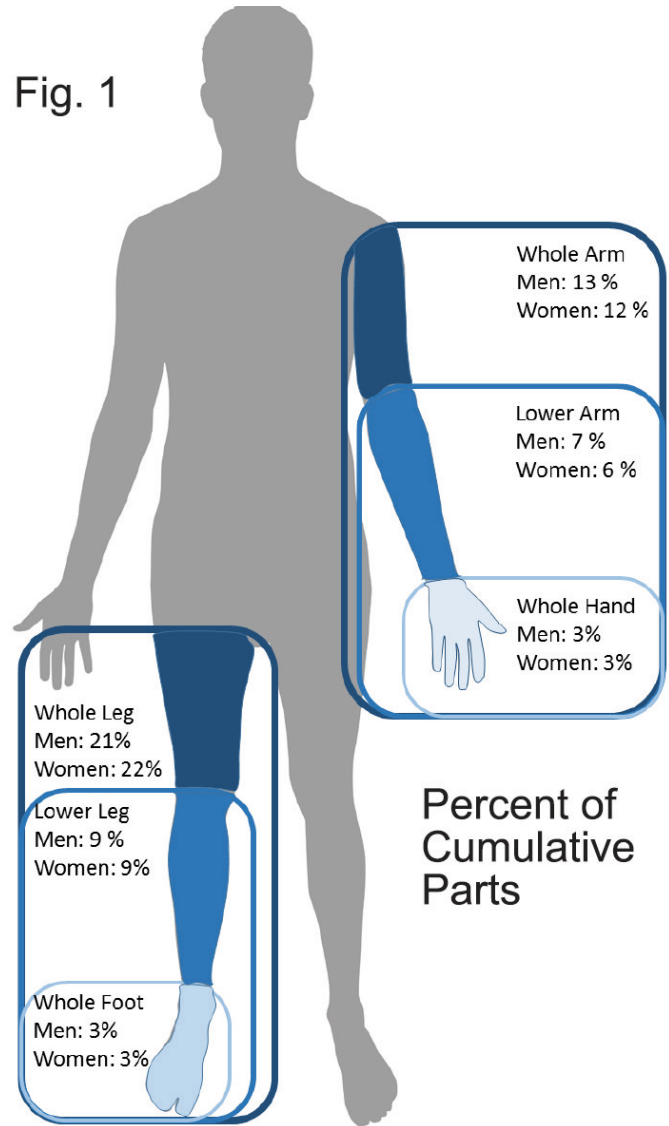
Height for Input into Parameter's screen:

65 x 0.88 = 57.2 inches (height used for input) or

in Centimeters: **165.1 x 0.88 = 145 cm** (height)

Amputee Height Adjustment Factors		
Extremity	**Female (K)**	**Male (K)**
Foot	0.96	0.96
Lower Leg	0.88	0.88
Whole Leg	0.71	0.72
Both Legs	0.45	0.47
Hand	0.96	0.96
Lower Arm	0.91	0.91
Whole Arm	0.84	0.83
Both Arms	0.68	0.66
Arm & Leg	0.57	0.57
All 4 Limbs	0.21	0.21

Fig. 1

Whole Arm
Men: 13 %
Women: 12 %

Lower Arm
Men: 7 %
Women: 6 %

Whole Hand
Men: 3%
Women: 3%

Whole Leg
Men: 21%
Women: 22%

Lower Leg
Men: 9 %
Women: 9%

Whole Foot
Men: 3%
Women: 3%

Percent of Cumulative Parts

Reference
Holle, L. (2013). Cancer therapy: Prescribing and administration basics. Jones & Bartlett Publishers.

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