

TAYLOR SPATIAL FRAME[◊]

External Fixator



external life

Strut adjustment guide for limb deformities

While there is no substitute for accurate measurements and proper data input into the TAYLOR SPATIAL FRAME software program, this strut adjustment guide, created by Dr. Christopher lobst, may help both the Smith & Nephew rep and the orthopaedic surgeon to understand which frame/strut adjustments are typically needed for various limb deformity corrections.

This chart also helps the surgeon plan the correction by identifying, in advance, individual struts that will need to be exchanged as treatment progresses. This enables the surgeon to secure proper reimbursement by ordering all components before the surgery.



Left limb adjustments

deformity	struts to lengthen	struts to shorten
medial translation	#2, #5	#1, #4
lateral translation	#1, #4	#2, #5
anterior translation	#1, #2, #4, #5	#3, #6
posterior translation	#3, #6	#1, #2, #4, #5
varus	#6	#3
valgus	#3	#6
apex anterior	#4, #5	#1, #2
apex posterior	#1, #2	#4, #5
internal rotation	#2, #4, #6	#1, #3, #5
external rotation	#1, #3, #5	#2, #4, #6
limb-lengthening	<i>all struts</i>	<i>n/a</i>

Right limb adjustments

deformity	struts to shorten	struts to lengthen
medial translation	#2, #5	#1, #4
lateral translation	#1, #4	#2, #5
anterior translation	#1, #2, #4, #5	#3, #6
posterior translation	#3, #6	#1, #2, #4, #5
varus	#6	#3
valgus	#3	#6
apex anterior	#4, #5	#1, #2
apex posterior	#1, #2	#4, #5
internal rotation	#2, #4, #6	#1, #3, #5
external rotation	#1, #3, #5	#2, #4, #6
limb-lengthening	<i>all struts</i>	<i>n/a</i>

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