

Step	Description	Important Notes
Pre-op	Measure correction angle and tibial width on x-ray	
1	Remeasure tibial width using fluoroscopy	
2	Make 7-9 cm vertical incision	
3	Elevate tissue and make an inverted L-shaped incision	
4	Elevate patellar tendon attachment 2-3 mm	
5	Elevate tissue around posterior tibia	
6	Insert NV Shield around posterior tibia	
7	Check location of NV Shield in a A/P fluoroscopy view	NV Shield should be 15° from tibial plateau and NV Shield tip directed at middle of tib/fib joint to ease subsequent biplanar alignment
	Remove NV Shield	
8	Set up fluoroscope in lateral view <i>I. Align tibial plateaus</i> <i>II. Align posterior aspects of tibial plateaus</i>	Fix leg position w/Leg Holder/triangle/brace to ease biplanar alignment
	Insert instrument assembly under elevated soft tissues	
	Align Biplanar Alignment Bar with tibia using fluoroscopy <i>I. Align medial and lateral bars</i> <i>II. Rest the bar along tibial A/P slope</i>	Ensure Medial Locator and AM Tab are in contact with bone to ensure proper implant fit
	Insert anterior fixation pin	
	Set up fluoroscope in A/P view	
	Rotate instrumentation until hinge pin is a minimum of 25% farther from the tibial plateau than the lateral cortex	Ensure Medial Locator and AM Tab are in contact with bone to ensure proper implant fit
	Insert AM Fixation Pin	Recheck Medial Locator and AM Tab are in contact with bone
	Remove Alignment Handle	
9	Install Tissue Protector and drill bi-cortical Hinge Pin hole	
10	Install Hinge Pin	Remove Biplanar Alignment Bar
11	Drill posterior keyhole	
12	Insert provisional pin	
13	Drill anterior keyhole and remove keyhole guide	
14	Install Cutting Guide	

15	Install NV Shield	
16	Fasten NV Shield	Ensure the NV Shield is fully seated in Cutting Guide
17	Saw osteotomy	Use the full swath of the Cutting Guide to cut all bone in the safety envelope
18	Check with Multi-Tool all bone is cut	
19	Cut small fragment of bone in posterior/lateral corner of safety envelope with osteotome	
20	Remove NV Shield and Cutting Guide Check osteotomy is complete Remove all instrumentation	If osteotomy is incomplete, reinstall NV Shield and Cutting Guide and saw uncut bone
21	Install Opening Jack	Use provisional to align the Opening Jack
22	Slowly open osteotomy Pack osteotomy with graft	Over open osteotomy 1-3°
23	Insert implant through Opening Jack	
24	Seat the implant fully in the bone Disassemble Opening Jack and remove	Hold implant during removal
25	Drill superior/posterior anchor hole up to subchondral bone	
26	Measure hole depth Install anchor Repeat for superior/anterior anchor	Only tighten anchor until flush w/implant, plus a ¼ turn
27	Drill inferior/posterior anchor hole through distal cortex	
28	Measure hole depth	
29	Tap distal cortex	
30	Install anchor Repeat for superior/anterior anchor	
31	Soft tissue closure	



Small (SM)	Medium (MD)	Large (LG)	X-Large (XL)
64 mm - 70 mm	70 mm - 78 mm	78 mm - 88 mm	88 mm-96 mm