

OPTETRAK[®] Logic[®]

ADDENDUM TO OPTETRAK[®]
CR/PS AND LPI[®] DISTAL
FIRST/ANTERIOR ROUGH CUT
OPERATIVE TECHNIQUES



When Intuition
and Innovation Align



INTRODUCTION

Optetrak® Logic® is an advanced approach to total knee replacement that introduces modern design features and intuitive instrumentation while building on the wisdom of a strong design lineage.

Optetrak Logic features a unique cylindrical bone resection which simplifies notch preparation and minimizes bone loss. The system is compatible with standard Optetrak operative techniques (Optetrak CR/PS and LPI® Distal First/Anterior Rough Cut) with the exception of the notch preparation. Similarly, Logic is compatible with standard Optetrak instruments with the exception of notch preparation instruments, femoral trials and tibial insert trials.

Optetrak Logic expands the Optetrak implant scope with two new sizes: Size 2.5 and Size 3.5. In addition to the notch preparation instruments and the femoral and tibial insert trials, Size 2.5 and Size 3.5 require new femoral finishing cutting guides and insert tray trials.

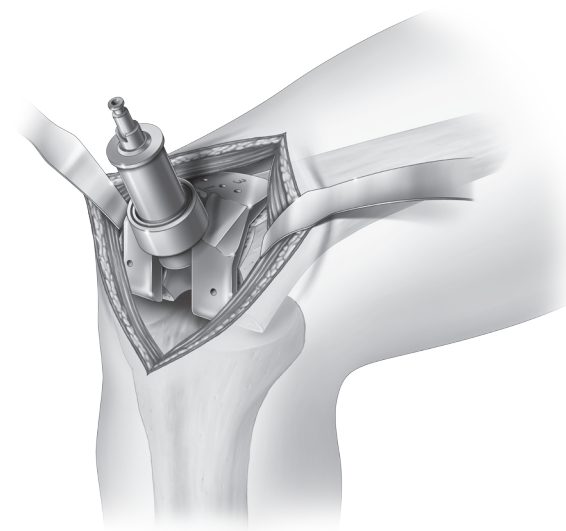


Figure 1

After the distal, anterior, posterior and chamfer femoral resections have been performed, the posterior-stabilized notch resection is prepared as follows:

Step 1: Select the **Logic Femoral Notch Cutting Guide** and the **Logic Femoral Notch Cutter** that correspond to the previously determined femoral component size.

Step 2: Rotate the anterior flange of the Notch Cutting Guide to the appropriate side that corresponds to the operative knee (left or right), and affix the Notch Cutting Guide onto the distal femur with fixation pins.

Note: While pinning, be sure the Notch Cutting Guide maintains contact with the distal and anterior chamfer resections. Affix the two distal pins, then affix one pin in the anterior flange.

Step 3: Attach the Notch Cutter to a power drill.

Step 4: With the knee in flexion, introduce the Notch Cutter into the Notch Cutting Guide, making sure that the drill is set on "drill" setting. Once the teeth on the Notch Cutter have cleared the black bushing and before the teeth contact the bone, activate the drill.

Step 5: Apply light pressure to the Notch Cutter as it travels posteriorly and ream until the Notch Cutting Guide prevents the Notch Cutter from further travel (Figure 1).

Note: A wide osteotome may be placed on the proximal tibia to prevent the Notch Cutter from contacting the tibia.

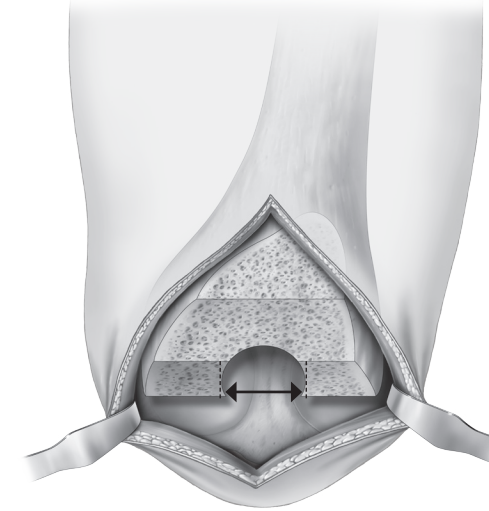


Figure 2

Step 6: Turn the power drill off, and remove the Notch Cutter from the Cutting Guide. Be sure not to activate the drill while removing the Notch Cutter in order to prevent the cutting teeth from scoring the black bushing.

Step 7: Due to the cylindrical shape of the Notch Cutting Guide, it is necessary to remove a small amount of excess bone from the distal femur (Figure 2).

Step 8: Remove the Notch Guide after all cuts are performed. Preparation for the Optetrak Logic femoral component is complete.

Logic Implant and Instrument Scope

Logic Femoral Components, Cemented

Implant #	Trial #	Description
02-010-01-0200**	02-011-01-0200**	Left, Size 0
02-010-01-0210	02-011-01-0210	Left, Size 1
02-010-01-0220	02-011-01-0220	Left, Size 2
02-010-01-0225	02-011-01-0225	Left, Size 2.5
02-010-01-0230	02-011-01-0230	Left, Size 3
02-010-01-0235	02-011-01-0235	Left, Size 3.5
02-010-01-0240	02-011-01-0240	Left, Size 4
02-010-01-0250	02-011-01-0250	Left, Size 5
02-010-01-0260**	02-011-01-0260**	Left, Size 6
02-010-01-0300**	02-011-01-0300**	Right, Size 0
02-010-01-0310	02-011-01-0310	Right, Size 1
02-010-01-0320	02-011-01-0320	Right, Size 2
02-010-01-0325	02-011-01-0325	Right, Size 2.5
02-010-01-0330	02-011-01-0330	Right, Size 3
02-010-01-0335	02-011-01-0335	Right, Size 3.5
02-010-01-0340	02-011-01-0340	Right, Size 4
02-010-01-0350	02-011-01-0350	Right, Size 5
02-010-01-0360**	02-011-01-0360**	Right, Size 6

Logic PS Notch Instruments

Notch Guide	Notch Cutter	
02-019-10-0000**	02-019-11-0000**	Size 0
02-019-10-0010	02-019-11-0010	Size 1
02-019-10-0020	02-019-11-0020	Size 2
02-019-10-0025	02-019-11-0025	Size 2.5
02-019-10-0030	02-019-11-0030	Size 3
02-019-10-0035	02-019-11-0035	Size 3.5
02-019-10-0040	02-019-11-0040	Size 4
02-019-10-0050	02-019-11-0050	Size 5
02-019-10-0060**	02-019-11-0060**	Size 6

Size 2.5 and Size 3.5 Instruments

Implant #	Description
213-70-15*	LPI Tibial Tray Trial, Size 1.5
213-70-25*	LPI Tibial Tray Trial, Size 2.5
213-70-35*	LPI Tibial Tray Trial, Size 3.5
213-70-45*	LPI Tibial Tray Trial, Size 4.5
213-50-52*	Femoral Finishing Guide, DF, Size 2.5
213-50-53*	Femoral Finishing Guide, DF, Size 3.5

*Logic PS compatible with existing Optetrak tray trials and femoral finishing guides except for Size 2.5 and Size 3.5

**Size 0 and Size 6 are special order only.

Logic Implant and Instrument Scope (continued)

Logic Tibial Component, Inserts

Implant #	Trial #	Description
02-012-35-0009**	02-013-35-0009**	Size 0, 9mm
02-012-35-0011**	02-013-35-0011**	Size 0, 11mm
02-012-35-0013**	02-013-35-0013**	Size 0, 13mm
02-012-35-0015**	02-013-35-0015**	Size 0, 15mm
02-012-35-1009	02-013-35-1009	Size 1, 9mm
02-012-35-1011	02-013-35-1011	Size 1, 11mm
02-012-35-1013	02-013-35-1013	Size 1, 13mm
02-012-35-1015	02-013-35-1015	Size 1, 15mm
02-012-35-2009	02-013-35-2009	Size 2, 9mm
02-012-35-2011	02-013-35-2011	Size 2, 11mm
02-012-35-2013	02-013-35-2013	Size 2, 13mm
02-012-35-2015	02-013-35-2015	Size 2, 15mm
02-012-35-2509	02-013-35-2509	Size 2.5, 9mm
02-012-35-2511	02-013-35-2511	Size 2.5, 11mm
02-012-35-2513	02-013-35-2513	Size 2.5, 13mm
02-012-35-2515	02-013-35-2515	Size 2.5, 15mm
02-012-35-3009	02-013-35-3009	Size 3, 9mm
02-012-35-3011	02-013-35-3011	Size 3, 11mm
02-012-35-3013	02-013-35-3013	Size 3, 13mm
02-012-35-3015	02-013-35-3015	Size 3, 15mm
02-012-35-3509	02-013-35-3509	Size 3.5, 9mm
02-012-35-3511	02-013-35-3511	Size 3.5, 11mm
02-012-35-3513	02-013-35-3513	Size 3.5, 13mm
02-012-35-3515	02-013-35-3515	Size 3.5, 15mm
02-012-35-4009	02-013-35-4009	Size 4, 9mm
02-012-35-4011	02-013-35-4011	Size 4, 11mm
02-012-35-4013	02-013-35-4013	Size 4, 13mm
02-012-35-4015	02-013-35-4015	Size 4, 15mm
02-012-35-5009	02-013-35-5009	Size 5, 9mm
02-012-35-5011	02-013-35-5011	Size 5, 11mm
02-012-35-5013	02-013-35-5013	Size 5, 13mm
02-012-35-5015	02-013-35-5015	Size 5, 15mm
02-012-35-6011**	02-013-35-6011**	Size 6, 11mm
02-012-35-6013**	02-013-35-6013**	Size 6, 13mm
02-012-35-6015**	02-013-35-6015**	Size 6, 15mm

Logic Tibial Component, Cemented Tray

Implant #	Implant #	Description
Finned	Trapezoidal	
02-012-39-0000**	02-012-41-0000**	Size 0F/0T
02-012-39-0010**	02-012-41-0010**	Size 0F/1T
02-012-39-1000	02-012-41-1000	Size 1F/0T
02-012-39-1010	02-012-41-1010	Size 1F/1T
02-012-39-1020	02-012-41-1020	Size 1F/2T
02-012-39-2010	02-012-41-2010	Size 2F/1T
02-012-39-2020	02-012-41-2020	Size 2F/2T
02-012-39-2030	02-012-41-2030	Size 2F/3T
02-012-39-2515	02-012-41-2515	Size 2.5F/1.5T
02-012-39-2525	02-012-41-2525	Size 2.5F/2.5T
02-012-39-2535	02-012-41-2535	Size 2.5F/3T
02-012-39-3020	02-012-41-3020	Size 3F/2T
02-012-39-3030	02-012-41-3030	Size 3F/3T
02-012-39-3040	02-012-41-3040	Size 3F/4T
02-012-39-3525	02-012-41-3525	Size 3.5F/2.5T
02-012-39-3535	02-012-41-3535	Size 3.5F/3.5T
02-012-39-3545	02-012-41-3545	Size 3.5F/4.5T
02-012-39-4030	02-012-41-4030	Size 4F/3T
02-012-39-4040	02-012-41-4040	Size 4F/4T
02-012-39-4050	02-012-41-4050	Size 4F/5T
02-012-39-5040	02-012-41-5040	Size 5F/4T
02-012-39-5050	02-012-41-5050	Size 5F/5T
02-012-39-5060	02-012-41-5060	Size 5F/6T
02-012-39-6050**	02-012-41-6050**	Size 6F/5T
02-012-39-6060**	02-012-41-6060**	Size 6F/6T

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