

EXACTECH | KNEE

Operative Technique



TRULIANT®

Truliant® Primary Knee System
with Optetrak Logic® Implants



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INTRODUCTION

With knee arthroplasty continuing to grow, orthopaedic surgeons are challenged to deliver superior clinical outcomes with ever greater efficiency. The Truliant® Knee System offers a high-performance, comprehensive platform that offers solutions to address clinical challenges in primary and revision total knee replacement. Leveraging Exactech's core principles, Truliant applies advanced design philosophies and surgical technologies to help you deliver reproducible clinical outcomes.

DESCRIPTION

INDICATIONS

The Optetrak Logic Comprehensive Knee Systems are indicated for use in skeletally mature individuals undergoing primary surgery for total knee replacement due to osteoarthritis, osteonecrosis, rheumatoid arthritis and/or post-traumatic degenerative problems.

In the USA, the Optetrak Comprehensive Knee Systems are indicated for cemented use only, except for the Optetrak Logic PS and CR porous Femoral Components, which are indicated for cemented or cementless use.

CONTRAINDICATIONS

The Optetrak Comprehensive Knee Systems are contraindicated in the following situations:

- Patients with suspected or confirmed systemic infection or a secondary remote infection
- Patients without sufficient bone stock to allow appropriate insertion and fixation of the prosthesis
- Patients without sufficient soft tissue integrity to provide adequate stability
- Patients with either mental or neuromuscular disorders that do not allow control of the knee joint
- Patients whose weight, age, or activity level might cause extreme loads and early failure of the system.

Thank you for considering the Truliant Knee System. As part of the team working on the development of Truliant, we drew on our experiences and knowledge to identify

the areas we felt there was an opportunity to address the remaining clinical challenges in total knee replacements. Our goal was to develop a knee system that provides not only a comprehensive portfolio of implant options, but intuitive instrumentation to streamline the procedure for enhanced efficiency and overall reproducibility. The following design goals were the basic foundation for the Truliant Primary System:

- Achieve improved patient outcomes and surgeon satisfaction by providing a broad range of implant options that address various patient anatomy;
- Develop intuitive instrumentation that is simple to use and provides visual, audible, and tactile feedback intraoperatively to enhance efficiency and overall reproducibility;
- Design a system that is versatile enough to accommodate a variety of surgical approaches and philosophies.

We look forward to your use of the system and hope that it helps you achieve success in your primary knee procedures.

Respectfully,

H. Morton Bertram III, MD

Michael Dayton, MD

Richard Friedman, MD

Chul-Won HA, MD, PhD

Sudheer Karlakki, MD, FRCS, MSc'

J. Craig Morrison, MD

Bruno Violante, MD

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE

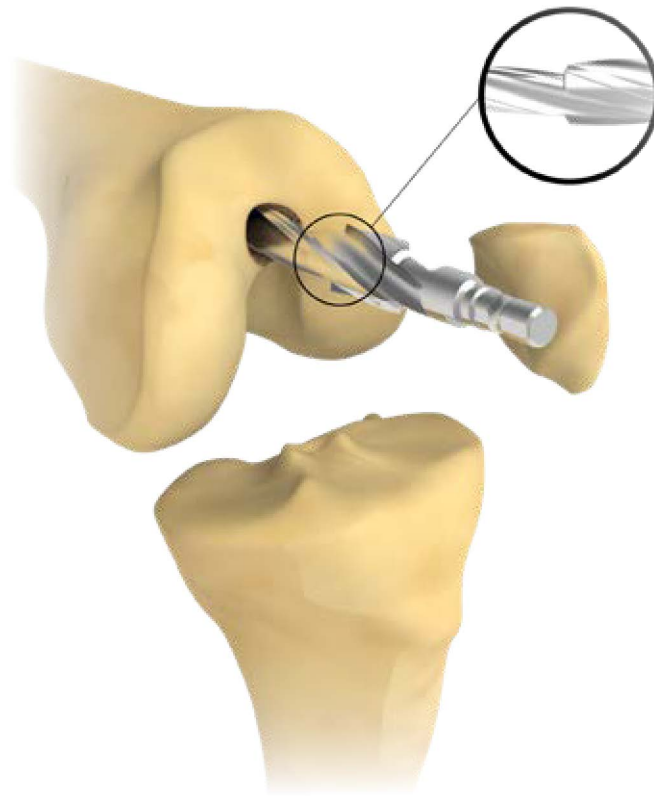


Figure 1

Enter Intra-medullary Canal with the IM Pilot Drill

APPROACH AND EXPOSURE

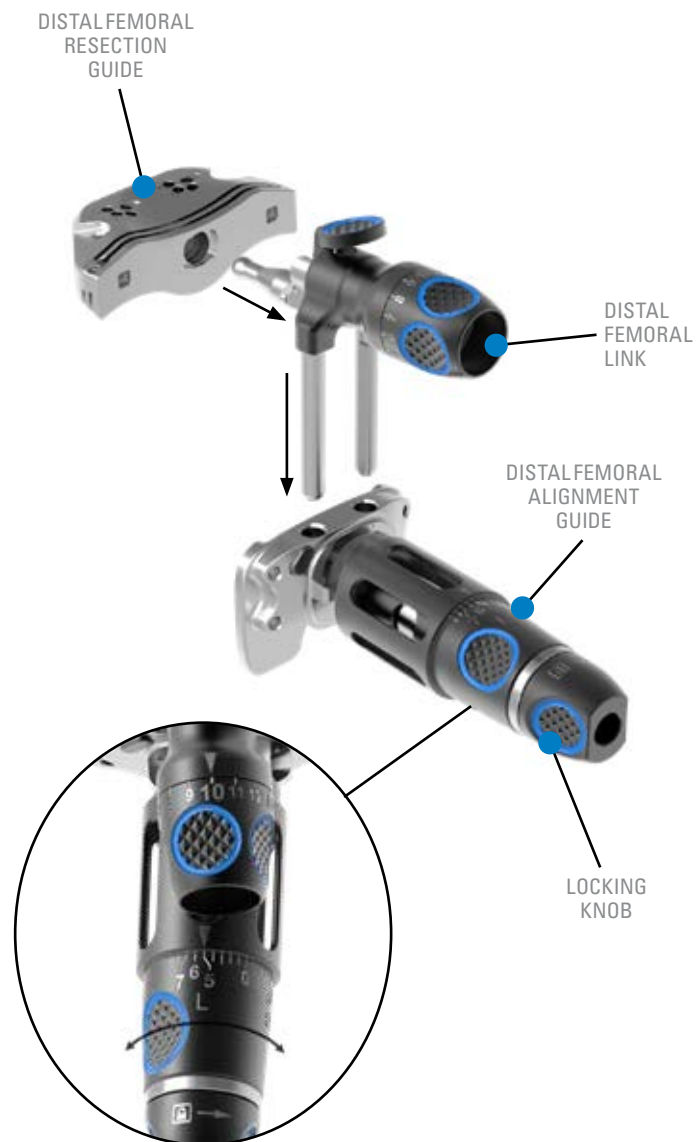
Incision and exposure should be performed using the surgeon's preferred technique.

DISTAL FEMORAL RESECTION

Opening of the Intra-medullary Canal

The Intra-medullary (IM) Pilot Drill should be used to drill a hole in the distal femur coaxially with the femoral endosteal canal (*Figure 1*). The entry point for this drill is located in the intercondylar groove 5-10mm superior to the intercondylar notch.

The stepped pilot drill design can be used to enlarge the hole in the distal femur while drilling so that a slightly malpositioned entrance point does not affect the alignment of the Intra-medullary (IM) Rod. After the canal has been opened with the IM Pilot Drill, the IM Rod should be inserted into the femoral canal ensuring it passes easily. The IM Rod may then be removed from the canal with the Modular T-Handle or left in place while only the Modular T-Handle is removed.



Instrument Assembly

Distal Femoral Alignment Guide

1. Insert the Truliant Distal Femoral Link into the Truliant Distal Femoral Alignment Guide
2. Affix the Truliant Distal Femoral Resection Guide to the Distal Link
3. Set the desired valgus angle of the femoral cut by turning the dial on the alignment guide to the proper side (left or right) and set to the desired number from 0 to 9 degrees

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE



Figure 2

Align Distal Femoral Cutting Assembly
on Distal Femur



Figure 3

Set the Distal Femoral Resection Depth

Distal Femoral Resection

Place the Truliant Modular T-Handle IM Rod through the hole in the Alignment Guide and introduce the assembly onto the distal femur (*Figure 2*). Note the knob on the end of the Alignment Guide will lock the position of the assembly on the IM Rod if desired. Set the depth of the distal femoral resection by turning the dial on the Distal Link from 1 to 14mm in 1mm increments (*Figure 3*).

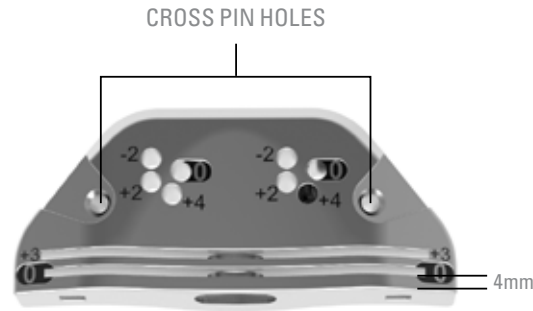


Figure 4
Distal Femoral Resection Guide

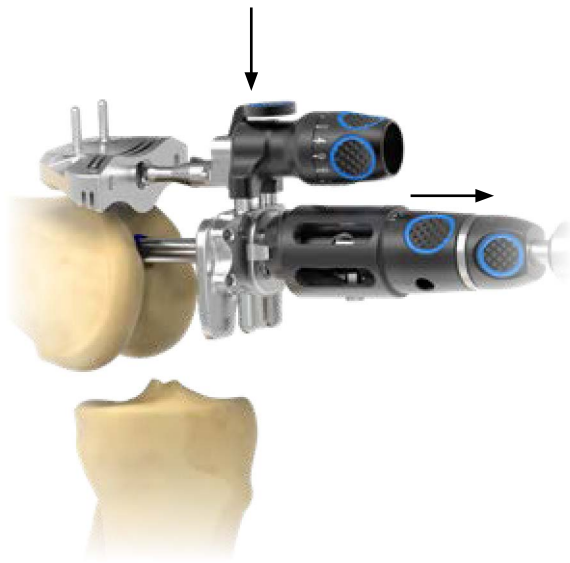


Figure 5
Removal of Distal Femoral Cutting Assembly

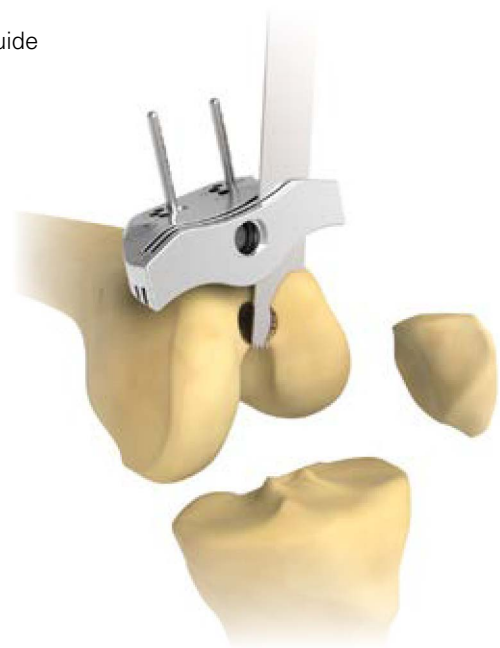


Figure 6
Distal Femoral Resection

The Resection Guide can be rotated around the attachment peg to better fit the anatomy of the bone. Avoid excessive rotation which may cause the pins to interfere with the IM Rod.

Pin the Resection Guide in the “0” holes. The Resection Guide features shift pin holes and an alternate cutting slot for fine-tuning of the resection depth after pinning (± 2 and $+4$ pin holes and $+3$ mm alternate cutting slot). Two cross pin holes are available for additional stability of the Resection Guide. If the distal flat surface of the

Resection Guide is used for resection, 4mm less bone will be resected than the standard slot (*Figure 4*). A resection of 8 to 10mm is typical and an 8mm resection will match the thickness of the implant.

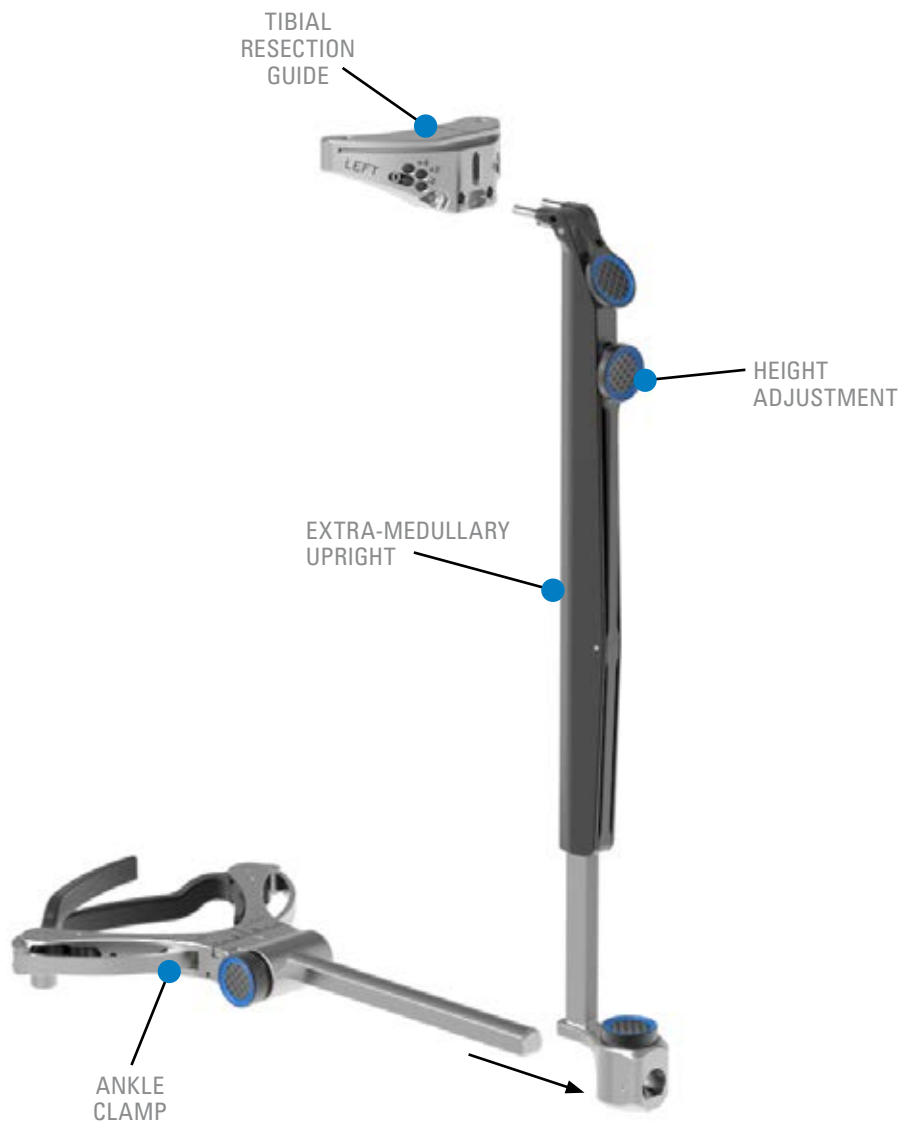
Remove the Modular T-Handle and IM Rod, Distal Link, and Alignment Guide all together by pressing the button on top of the Distal Link and pulling the assembly off the bone (*Figure 5*). The distal femoral resection is performed (*Figure 6*).

Note: 1.27mm saw blades are recommended for all Truliant resection guides.

The Resection Guide should now be removed.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE



TIBIAL ALIGNMENT AND RESECTION

Instrument Assembly

Extra-medullary (EM) Tibial Alignment Guide

1. Slide the shaft of the Truliant Ankle Clamp into the lower end of the Truliant EM Upright while pressing the button. The markings on the Ankle Clamp should face upward.
2. Attach the Truliant Tibial Resection Guide to the Upright by pressing the most proximal button on the Upright.

Pressing the vertical button on the Upright will allow the height of the Upright to be adjusted. Releasing the button will lock the height in place.



Figure 7
Placement of Extra-medullary Tibial Alignment Guide



Figure 8
Center Distal End of EM Tibial Alignment Guide Over the Ankle Joint

Tibial Alignment and Resection

Open the two arms of the Ankle Clamp until the triggers self-lock. With the arms of the Ankle Clamp in the open position, push instrument assembly against the tibia, triggering the arms to close around the ankle joint in the supra-malleolar position (*Figure 7*).

The position of the EM Tibial Alignment Guide can be adjusted by pressing the button on the Ankle Clamp and shifting the EM Tibial Alignment Guide medially or laterally (*Figure 8*). The distal end of the EM Tibial Alignment Guide should be centered over the ankle joint. In most instances, the Ankle Clamp will read 2-5mm medial when properly placed.

Landmarks to center the Tibial Resection Guide proximally include the medial 1/3 of the anterior tibial tuberosity and tibial spine. In the sagittal plane, the tibial axis can be referenced as a line extending from the center of the knee joint to the center of the ankle joint.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE



Figure 9
Adjust Tibial Posterior Slope



Figure 10
Place the Truliant Adjustable Tibial Stylus
in the Truliant Tibial Resection Guide

The posterior slope of the Tibial Resection Guide can be adjusted by shifting the Upright on the Ankle Clamp along the AP direction. Push the distal button on the Upright to shift its AP position and the slope of the Tibial Resection Guide, and release the button to lock the selected slope angle (Figure 9). When setting up the sagittal orientation of the proximal tibial cut, a neutral posterior slope of 0 to 3 degrees is recommended. It is important to avoid anterior slope and excessive posterior slope.

Note: It is recommended to start the position of the Upright approximately half way on the shaft of the ankle clamp (or 3-4 fingers width from the tibia) and adjust as needed from there.

Once the desired slope has been set, the Truliant Adjustable Tibial Stylus can be used to set the resection height. Place the foot of the Tibial Stylus into the cutting slot of the Tibial Resection Guide. The resection level can be adjusted by turning the dial on the top of the Adjustable Stylus to the desired depth (ranging from 0 to 14mm) from the tip of the stylus (Figure 10). Adjust the height of the Upright so that the Adjustable Stylus references the targeted tibial plateau.



Figure 11
Assess Alignment With
Extra-medullary Landmarks

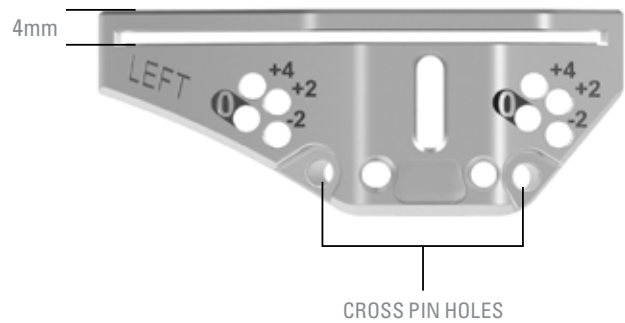


Figure 12
Truliant Tibial Resection Guide

The Truliant Cut Line Predictor may be used to evaluate the tibial resection level and slope. Once the Tibial Resection Guide is adjusted to the desired resection level and slope, it can be pinned in position. Drill pins should be placed in the "0" holes.

Optional: Once the Tibial Resection Guide is properly positioned, the alignment of the resection guide can be verified by inserting the Alignment Rod Handle into the slot of the Tibial Resection Guide. The Alignment Rod can then be placed through the holes or slot in the handle and used to assess alignment with extra-medullary landmarks (Figure 11).

After pinned through the "0" holes, the Tibial Resection Guide may be adjusted proximally or distally in 2mm increments by shifting the Tibial Resection Guide onto either the -2mm, +2mm, or +4mm shift holes. If the resection is performed on the proximal flat surface of the Tibial Resection Guide, it resects 4mm less bone (Figure 12). Cross pin holes are also available on the Tibial Resection Guide for additional stability during bone resection.

Proceed to make your proximal tibial resection.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE



Figure 13
Placement of Truliant PCL Retractor



Figure 14
Determine Tibial Resection Depth

Optional Posterior Cruciate Referencing Technique (PCRT) for CR Procedure

The PCRT surgical technique offers the ability to set the tibial resection depth while ensuring the integrity of the posterior cruciate ligament (PCL) insertion on the posterior tibia. Place the PCL Retractor behind the tibia with one prong medial and one prong lateral to the PCL. Subluxate the posterior margin of the tibia anterior to the femur. At this point the PCL Retractor should protect both the PCL and the resected surface of the distal femur (when a femur-first sequence is used) (Figure 13). Release any connective and/or scar tissues typically present around the anterior aspect of the tibial insertion of the PCL until the fibers of the PCL are recognized at their insertion into the posterior tibia. It is also advisable to resect any remaining posterior horns of both menisci and menisco-femoral ligaments.

The Truliant EM Tibial Alignment Guide, Tibial Resection Guide, and Tibial Stylus are placed as described previously.

In the PCRT approach, extend the stylus to reach the posterior aspect of the tibial plateau and place the tip of the stylus at the insertion point of the PCL, providing a direct reference of the ligament's insertion (Figure 14). With the Stylus set at 0mm, the tibial resection is aligned exactly to the tip of the stylus. Setting the stylus to another number will indicate the amount of additional distal tibial resection from the tip of the stylus. It is recommended to set the Stylus at 2mm, resulting in a tibial resection that is 2mm below the tip of the stylus.

A neutral tibial slope between 0 and 3 is recommended for the PCRT approach. Increasing the posterior tibial slope

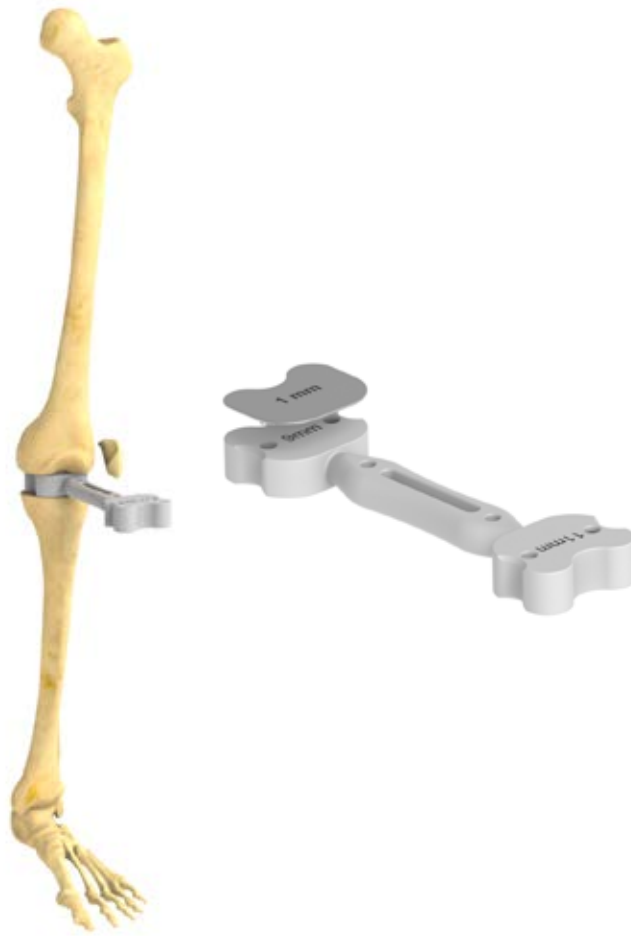


Figure 15

Gap Assessment in Extension with Spacer Block

(beyond 5 degrees) may damage tibial insertion of the PCL. Excessive posterior tibial slope of the insert (i.e., combination of the proximal tibial resection and tibial insert posterior slopes) can result in accelerated wear of the posterior aspect of the tibial insert.

Once the desired position of the Tibial Resection Guide is achieved, pin the guide in the "0" holes and proceed to make the proximal tibial resection as described previously.

EXTENSION GAP ASSESSMENT

Check the extension gap by fully extending the leg and placing the appropriate end of the Truliant Spacer Block between the two resected surfaces (Figure 15). The 9/11mm Spacer Block connects to a 1mm shim on both ends to evaluate 10 and 12mm thicknesses.

The 13/15mm Spacer Block also connects to a 4mm shim on both ends to evaluate 17 and 19mm thicknesses.

Note: 10 and 12mm insert thicknesses are not available for Optetrak Logic inserts

Soft tissue releases and additional bone resections can be performed to achieve the desired extension gap.

Note: The Spacer Block can also be used to assess the flexion space after placement of the Truliant Femoral Finishing Guide or after resection of the posterior condyles (use the black 4mm less spacer block to reference the bottom surface of the Femoral Finishing Guide).

If desired, the Alignment Rod can be placed through the holes or the slot in the spacer block to assess alignment.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE

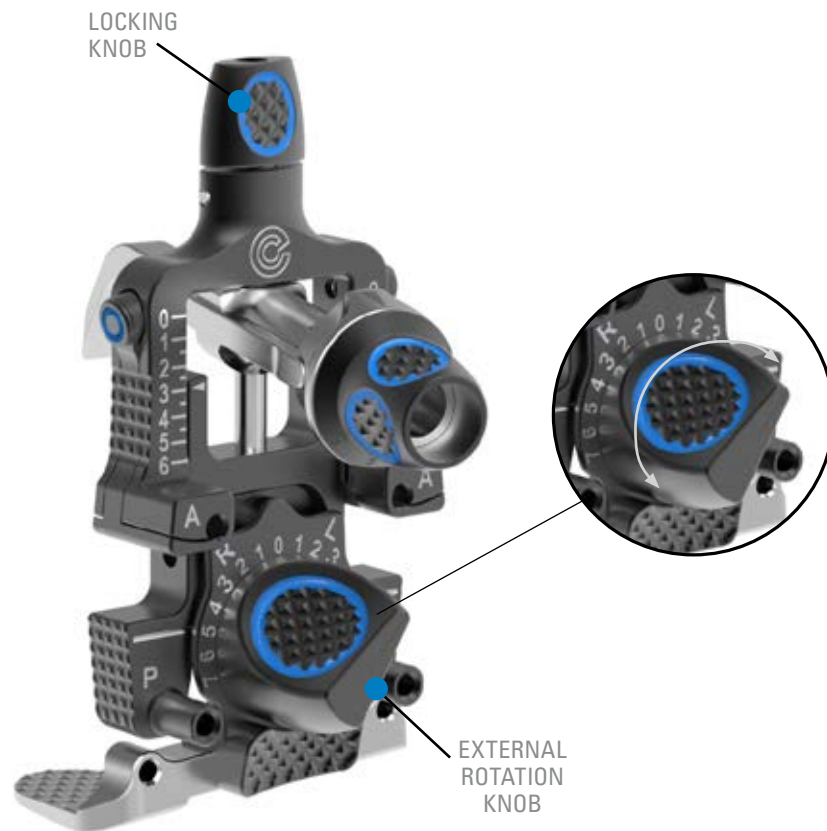


Figure 16
A/P Sizer

FEMORAL ROTATION AND SIZING

A/P Sizer

The Truliant A/P Sizer (*Figure 16*) will accommodate both Anterior Referencing and Posterior Referencing techniques. Choosing the Anterior Referencing pin holes will provide a constant anterior cut as a reference, regardless of size. All variation in bone cuts from one size to the next will occur on the posterior cut.

Alternately, choosing the Posterior Referencing pin holes will provide a constant posterior cut regardless of size. All variation in bone cuts from one size to the next will occur on the anterior cut.

External femoral rotation can be set by adjusting the dial on the front of the A/P Sizer to either left or right from 0 to 7 degrees in 1 degree increments.

Femoral Rotation and Sizing

The A/P Sizer should be placed flush against the resected distal surface of the femur.

The posterior feet of the A/P Sizer should be inserted under the posterior femoral condyles. If a posterior condylar defect is present, the A/P Sizer should be rotated to a position that accommodates the defect. If desired, secure the A/P Sizer with a headed pin through the fixation hole on the posterior feet. The horizontal line marked on the body of the A/P Sizer and the vertical shaft can be used as references to check anatomical alignment against the transepicondylar axis (TEA) and Whiteside's line of the distal femur.

The A/P Sizer is adjusted to the femoral size. The tip of the A/P Sizer Stylus should be positioned underneath the quadriceps and into the suprapatellar pouch. To adjust the

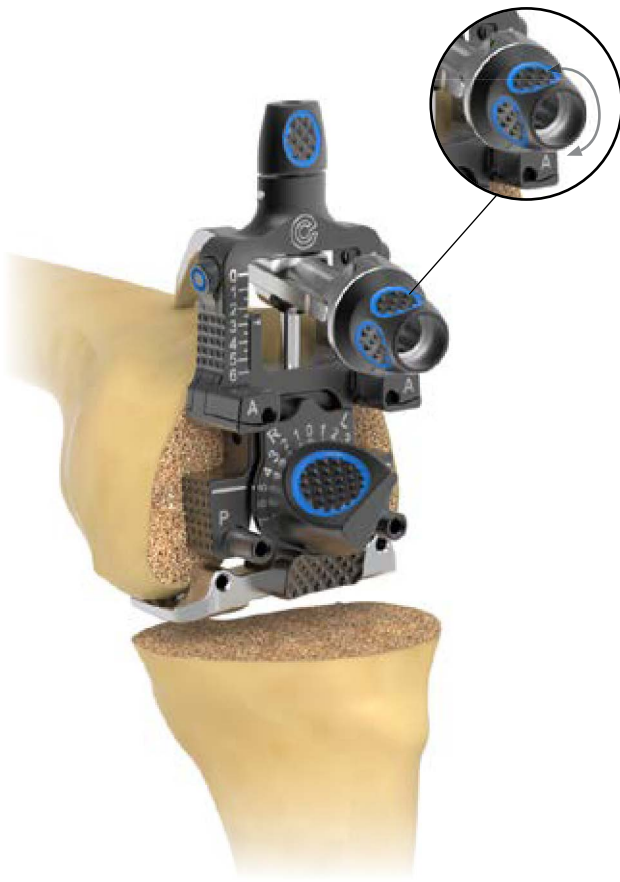


Figure 17

Place Femoral A/P Sizer on Distal Femur and Pin in Place

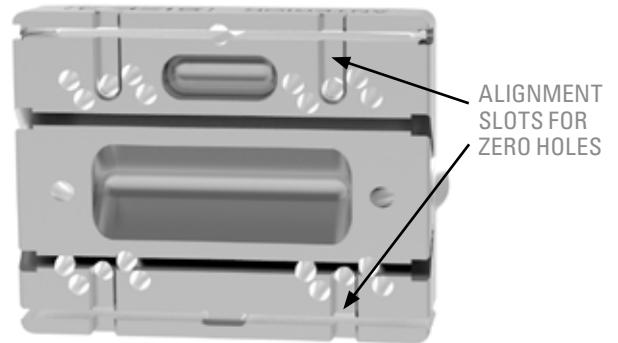
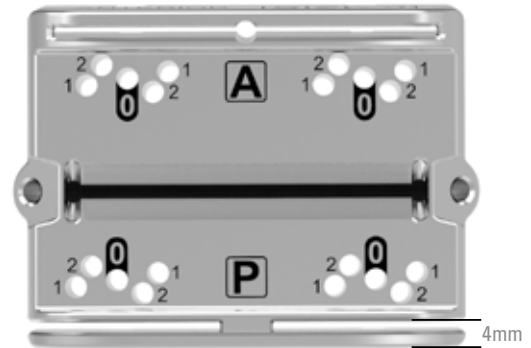


Figure 18

Truliant Femoral Finishing Guide

position of the stylus, turn the dial to the size corresponding to the femoral size reading on the front of the A/P Sizer.

Note: Size 4.5 is not available with use of Optetrak Logic implants.

Verify that the A/P Sizer is flush against the distal femoral surface, and pin the A/P sizer using non-headed drill pins in either the pin holes marked with an "A" for Anterior Referencing or the pin holes marked with a "P" for Posterior Referencing (Figure 17). The knob on the top of the A/P Sizer can be used to lock the body position.

The A/P Sizer should then be removed from the bone, leaving the two alignment pins in place.

If using the Anterior Referencing pin holes, push the two buttons on either side of the main body to release the pins from the "A" pin holes.

Note: Rotating the stylus away from the trochlea can help with removal of the A/P Sizer, especially when pinning in the Anterior Referencing pin holes.

FINAL FEMORAL PREPARATION

Truliant Femoral Finishing Guide

Consistent with the A/P Sizer, the Truliant Femoral Finishing Guide will accommodate both Anterior Referencing and Posterior Referencing techniques and has identical ML dimension as the corresponding femoral component.

The Truliant Femoral Finishing Guide allows for fine-tuning of the A/P position of the femoral component by either 1 or 2mm through the use of shift holes (Figure 18). This will allow for balancing of the flexion gap and minimize the risk for anterior notching.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE



Figure 19
Placement of Femoral Finishing Guide



Figure 20
Assessment of Flexion Space
Using a Spacer Block

Note: The Truliant and Logic femoral components increase in size by 2mm on average in the A/P direction. Thus the shift holes can also be used to predict the resection when up-sizing or down-sizing.

Placement of Femoral Finishing Guide and Resection

Select the size of the Femoral Finishing Guide that matches the femur size indicated by the A/P Sizer and position onto the alignment pins left in the distal femur from the previous sizing step. The alignment slots on the backside of the Femoral Finishing Guide can be used to slide the pins into the "0" pin holes (Figure 19). If the Anterior Referencing technique is being followed, the zero pin holes labeled "A" should be utilized. Conversely, if the Posterior Referencing technique is being followed, the zero holes labeled "P" should be utilized.

The flexion space can be checked prior to bone resection by using a spacer block placed below the bottom flat surface of the Femoral Finishing Guide (Figure 20). The distance between the posterior slot and the bottom of the Femoral Finishing Guide is 4mm, thus the spacer block selected should be 4mm less than the target space. The Truliant Cut Line Predictor can be used to help assess the position of the Femoral Finishing Guide during this fine-tuning step.

Note: When using the Anterior Referencing pin holes, changing the size of the femoral component will alter the posterior condyle resection and therefore the flexion space. When using the Posterior Referencing pin holes, changing the size of the femoral component will alter the anterior resection level thus increasing or decreasing the risk of anterior notching.

**Figure 21**

Pin the Femoral Finishing Guide with Two Cross Pins

Once the Femoral Finishing Guide is properly positioned, secure it by inserting two headed pins into the cross pin holes on the side (Figure 21). Ensure the Femoral Finishing Guide is securely fixed and stays flush against the distal femur. The sizing alignment pins should then be removed and the anterior and posterior cuts are performed followed by the chamfer cuts. Once the cuts on the distal femur have been completed, the Femoral Finishing Guide and pins are removed.

Note: To ensure any instruments that are subject to impaction continue to perform as intended, visually evaluate instrument for any damage. If any breakage or failure is detected it should be confirmed there is no debris in the wound site. The instrument should then be segregated and returned to the manufacturer.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE

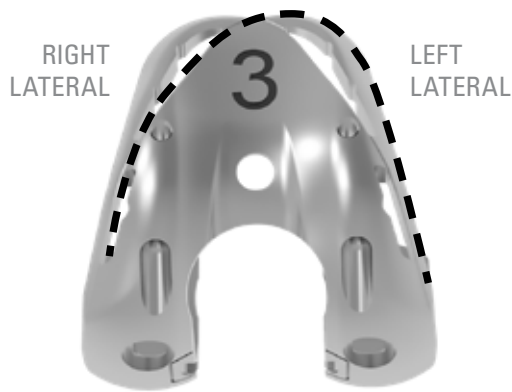


Figure 22
Truliant Femoral Trial



Figure 23
Place Femoral Trial Using Locking
Femoral Impactor

Femoral Trial Placement and PS Notch Preparation

Select the Truliant Femoral Trial that corresponds to the previously determined femoral component size. The reference windows on the Femoral Trial can be used to view the outer profile of the implant for the right and left components (*Figure 22*).

Note: *The profile of the anterior flange on the Truliant femoral trial is not identical to that of the Logic femoral component.*

The anterior flange of the Truliant femoral trial is 3-4mm narrower on the medial side than the Logic femoral component. If the exact profile is desired for trialing please refer to the Optetrak Logic CR/PS Low Profile Instrumentation (LPI) Operative Technique for instructions on use of the LPI PS femoral trial and notch guide.

Using the Truliant Locking Femoral Impactor (*Figure 23*), place the femoral trial on the distal femur ensuring proper ML position of the femoral component. Apply slight upward pressure to the Modular Handle as the component is being positioned to prevent the femoral component from going into flexion during impaction. Once correct positioning is assured, the component should be fully seated by striking the end of the Modular Handle with a mallet. The Locking Femoral Impactor/Modular Handle assembly can then be removed.

If a Logic CR implant is selected, proceed to the next section, Trial Reduction. If a Logic PS implant is selected continue to PS Notch Preparation.



Figure 24
Assembly of Notch Guide to Femoral Trial



Figure 25
Prepare PS Notch

PS Notch Preparation

Assemble the Truliant PS Notch Guide to the Femoral Trial already on the bone by sliding the two rods on the Notch Guide into the corresponding two holes on the Femoral Trial until it is fully seated and a “click” is heard (*Figure 24*).

For added stability during notch preparation, pins can be placed into the flange pin holes on the femoral trial. Attach the Truliant Notch Cutter that corresponds to the Femoral

Trial and Notch Guide size to a power drill. With the knee in flexion, introduce the Notch Cutter into the Notch 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. Apply pressure to the Notch Cutter as it travels posteriorly and ream until the Notch Guide prevents the Notch Cutter from further travel (*Figure 25*).

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE

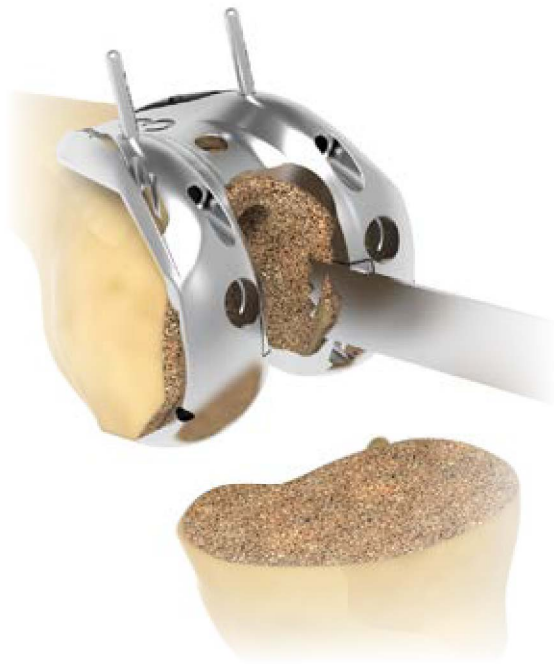


Figure 26

Remove Bone Remnants from the Distal Femur

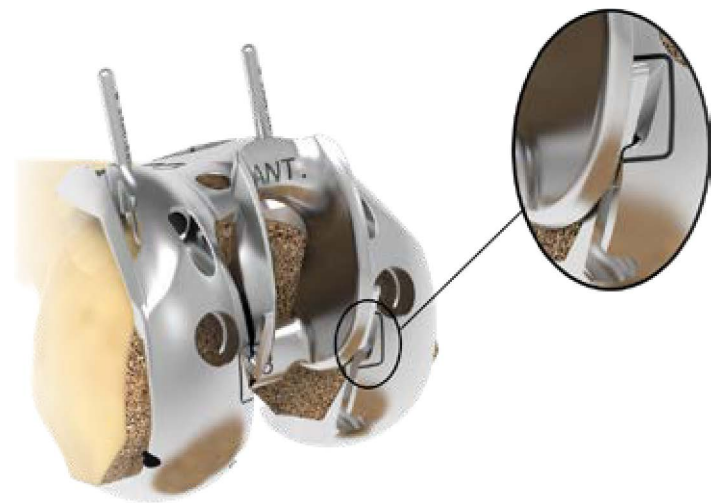


Figure 27

Assembly of PS Cam Trial to Femoral Trial

Turn the power drill off, and remove the Notch Cutter from the Notch 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. Remove the Notch Guide from the Femoral Trial.

Due to the cylindrical shape of the Notch Cutter, it is necessary to remove any existing bone remnants from the distal femur (*Figure 26*). Use a sagittal saw to remove the bone remnants, aligning the saw to the inner surfaces of the Femoral Trial and fully trim the medial and lateral sides of the notch. Any remnant bone left at the notch could affect the placement of the PS Cam Trial and the final implantation.

At this stage the Truliant PS Cam Trial can be assembled into the Femoral Trial. Select the corresponding size Cam Trial and slide into the Femoral Trial from anterior to posterior, ensuring proper alignment of the rails of the Cam Trial with the slots on the Femoral Trial (the entry location is highlighted by markings). Push the Cam Trial into place with a finger until fully seated and “clicks” into place (*Figure 27*). With proper initial alignment, no impaction is needed on the Cam Trial.



Figure 28
Positioning of the Tibial Baseplate Trial



Figure 29
Assesbly of Tibial Insert Trial Shim with Tibial Insert Top

Color	Femoral Trial Size	Tibial Insert Top Size	Tibial Insert Shim Size	Baseplate Trial Options		
				down size	same size	up size
orange*	0	0	0	—	0T	1T
black	1	1	1-2.5	0T	1T	2T
grey	1.5	1.5		0.5T	1.5T	2.5T
blue	2	2		1T	2T	3T
light blue	2.5	2.5		1.5T	2.5T	3.5T
brown	3	3	3-4.5	2T	3T	4T
light brown	3.5	3.5		2.5T	3.5T	4.5T
green	4	4		3T	4T	5T
light green**	4.5	4.5		3.5T	4.5T	5.5T
purple	5	5	5/6	4T	5T	6T
yellow*	6	6		5T	6T	—

*Special order
**Size 4.5 is not available in Optetrak Logic Implants

Table 1
Trial Size Compatibility

TRIAL REDUCTION

Tibial Trial Components

The Truliant Tibial Baseplate Trial should be selected as the largest baseplate that fits within the borders of the resected tibial surface without any overhang (Figure 28). The Baseplate Trial selected must be within one whole size up or down of the selected femoral component size.

Next, the appropriate thickness of Truliant Tibial Insert Trial Shim should be assembled to the desired Truliant Tibial Insert Trial Top (PS, PSC, CR or CRC) (Figure 29). The Tibial Insert Trial Shims and Top should match the selected femoral component size. See Table 1 for size compatibility.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE



Figure 30

Assemble Tibial Insert Trial Shim with Trial Top to Baseplate Trial Using the Tibial Trial Handle



Figure 31

Assess Alignment

The Truliant Tibial Trial Handle should then be inserted into the Shim/Top combination and placed on the Tibial Baseplate Trial (*Figure 30*). To adjust the thickness of the Tibial Insert Trial Assembly, the Shim can be exchanged as needed using the Tibial Trial Handle until a “best fit” is achieved.

Note: Only thickness combinations of 9, 11, 13, 15, 17 and 19mm are available with Optetrak Logic implants

Alignment Check

With the knee in full extension and the Trial Handle assembled to the Tibial Baseplate Trial, an EM Alignment Rod can be placed in the holes or the slot of the Tibial Trial Handle and the alignment can be assessed (*Figure 31*). Proper rotation of the tibial component should be determined by its congruency with the femoral component.

Normally, the anterior plane of the tibial component will point approximately in the direction of the tibial tubercle and second toe when congruency is established.

Stability Check

The knee should be assessed for stability in both extension and flexion. The extension check should be performed with the knee flexed a few degrees to relax the posterior capsule. However, the knee should extend fully. The flexion check should be performed with the knee flexed to 90 degrees. The most appropriate stability is achieved when both the medial and lateral opening is similar to that of a normal knee during application of valgus and varus stress. An adjustment of ligament balance may be needed if there is differential ligament tightness between varus and valgus in flexion or extension.

	Tight Extension	Loose Extension	OK Extension
Tight Flexion	<ul style="list-style-type: none"> Use a thinner Truliant CR Neutral Tibial Shim if possible Cut additional tibia, respecting the PCL insertion 	<ul style="list-style-type: none"> Increase insert thickness and trial with Truliant CR Slope+ or Slope++ Tibial Shim/Top Downsize femoral component 	<ul style="list-style-type: none"> Increase insert thickness and trial with Truliant CR Slope+ or Slope++ Tibial Shim/Top Downsize femoral component
Loose Flexion	<ul style="list-style-type: none"> Resect additional distal femoral bone and use a thicker Truliant CR Neutral Tibial Shim Verify integrity of the PCL if the Neutral Tibial Shim is thicker than 13mm 	<ul style="list-style-type: none"> Use a thicker Truliant CR Neutral Tibial Shim Verify integrity of the PCL if the Neutral Tibial Shim is thicker than 	<ul style="list-style-type: none"> Resect additional distal femoral bone and use a thicker Truliant CR Neutral Tibial Shim Verify integrity of the PCL if the Neutral Tibial Shim is thicker than 13mm

Table 2
Flexion/Extension Gap Balancing for Truliant CR

PS Surgical Approach

For the PS approach, if the knee is loose in extension and flexion, proceed to exchange for a Shim with greater thickness and reassess stability.

CR Surgical Approach

The initial assessment should begin with the CR Neutral, 9mm Tibial Insert Trial Assembly (Shim/Top combination). If the joint is tight in flexion, the CR Slope 9mm + or ++ Top may be selected. There are four different indicators of a tight flexion space:

1. Excessive femoral rollback with limited ROM in flexion
2. Anterior lift-off of the Tibial Insert Trial Assembly and/or Tibial Baseplate Trial
3. Palpable tension of the PCL when the knee is in flexion
4. If there is difficulty in extracting the Tibial Insert Trial Assembly with the Femoral Trial in place and the knee flexed at 90 degrees (pull-out test)
5. Refer to the table for tips regarding flexion/ extension gap balancing (*Table 2*)

The combination of additional thicknesses and slope continues until joint stability is achieved.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE



Figure 32
Check Motion in Extension



Figure 33
Check Motion in Flexion

Motion Check

The knee should extend fully without force (*Figure 32*). To check flexion the surgeon should elevate the thigh and allow the leg to flex by the pull of gravity (*Figure 33*). The amount of flexion determined in this manner is the best intra-operative predictor of the flexion that will ultimately be achieved.



Figure 34
Prepare CR Femoral Peg Hole



Figure 35
Removal of Femoral Trial with
Femoral Trial Extractor

After final ROM assessment, for the Optetrak Logic CR implant, use the Truliant CR Peg Drill to drill through the medial and lateral holes on the Femoral Trial. This will create the space required to accommodate the pegs on the Optetrak Logic CR femoral implant (*Figure 34*). Now the Femoral Trial and Tibial Insert Trial Assembly can be removed.

The Truliant Femoral Trial should be removed using the Femoral Trial Extractor assembled to the Truliant Slap Hammer. Pull the sleeve of the Femoral Trial Extractor back and engage the feet into the peg holes (*Figure 35*). Release the sleeve and remove the Femoral Trial by striking the Slap Hammer.

Note: Do not use the Femoral Trial Extractor for femoral trial impaction. Such misuse could damage both the Femoral Trial and the Extractor.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE

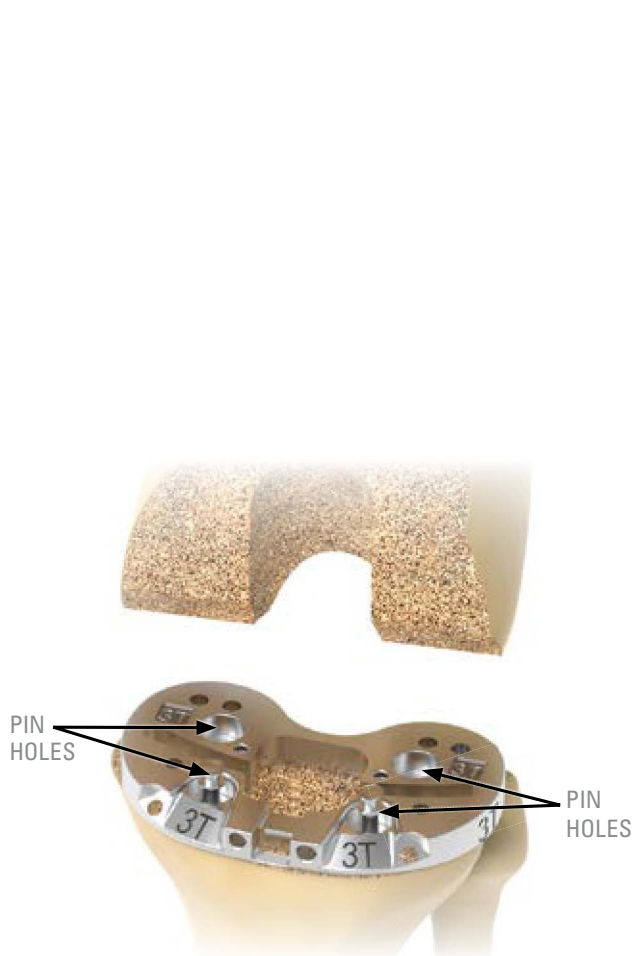


Figure 36
Fixation of Tibial Tray Trial



Figure 37
Drill Pilot Hole on Tibia

FINAL TIBIAL PREPARATION

When all checks have been completed and the appropriate size and rotation of the tibial components have been determined, the Tibial Baseplate Trial must be pinned in place. Pins may be drilled or driven into the medial and lateral pin holes anteriorly and/or posteriorly on the Tibial Baseplate Trial to provide stability during final tibial preparation. Multiple pinning options are provided on the Tibial Baseplate Trial, including headed or non-headed pins on both anterior and posterior sides (Figure 36).

Note: When using the syringe pin puller (02-029-90-4100) avoid bending the instrument off-axis during manipulation as such off-axis bending may damage the instrument.

Assemble the Truliant Tibial Pilot Drill Guide to the Tibial Baseplate Trial. Drill through the Drill Guide with the 14mm Truliant Tibial Pilot Drill to the depth that matches the selected tibial tray size (Figure 37). The drilling depth can be controlled by either reading the indication line on the Drill shaft from the top surface of the Drill Guide, or attaching the Tibial Pilot Drill Stop at the desired size (reading from the bottom surface of the Drill Stop).

Note: This step is critical to ensure effective tamping and to minimize the risk of tibial fracture.



Figure 38a

Assemble the Tamp Head to the Tamp Guide



Figure 38b

Set the Desired Size on the Tamp Guide

Tibial Tamp

Assemble the Truliant Tibial Tamp Head to the Truliant Tibial Tamp Guide by pressing the button on the anterior distal end of the Tamp Guide (*Figure 38a*). Set the size on the Tamp Guide that corresponds to the previously determined tibial tray size by rotating the dial at the proximal end until the desired size is viewed in the window (*Figure 38b*).

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE



Figure 39
Align Tibial Tamp Guide



Figure 40a
Ensure Complete Impaction of Tamp

Align the pegs on the bottom of the Tamp Guide with the holes on the Tibial Baseplate Trial and seat the Tamp Guide flush and stable against the Tibial Baseplate Trial (*Figure 39*). The Tamp Head is driven into the tibia until the impaction plate contacts the dial knob on the Tamp Guide (*Figure 40a*). Complete impaction can also be confirmed using the size markings on the distal wings of the Tamp Guide located on both medial and lateral sides (*Figure 40b*).



Figure 40b

Confirm Complete Impaction Using the Size Marking on the Distal Wings of the Tamp Guide



Figure 41

Removal of Tamp from Tibia

The Tamp Guide and Tamp Head should be removed from the proximal tibia by gentle retrograde impaction of the impaction plate with a mallet (*Figure 41*).

Note: Be sure to hold the Tamp Guide steady during both impaction and retro-impaction to avoid tilt or lift-off of the Tamp Guide. Off-axis impaction could compromise the integrity of the tibial preparation.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE

Patella Implant Options



STANDARD PATELLA

ADVANCED PATELLA

STANDARD PATELLA

Diameter (mm)	Thickness (mm)
26	5.1
29	6.1
32	7.2
35	8.5
38	10.0
41	11.0

ADVANCED PATELLA*

Diameter (mm)		Thickness (mm)
A/P	M/L	
26	30	6.1
29	33	7.1
32	37	8.2
35	40	10.0

*Special Order

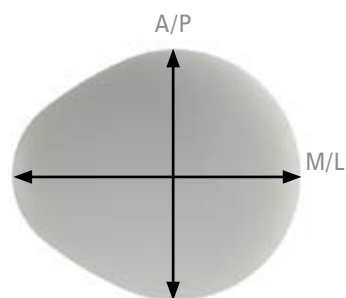




Figure 42a
Assembly of Patella Drill Guide to Patella Prep Handle for Standard Patella Prep



Figure 43a
Drill Holes for Standard Patella using the Appropriate Drill Guide



Figure 42b
Assembly of Patella Drill Guide to Patella Prep Handle for Advanced Patella Prep

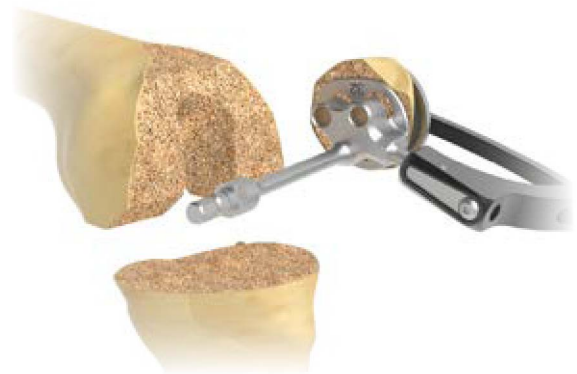


Figure 43b
Drill Holes for Advanced Patella using the Appropriate Drill Guide

PATELLA PREPARATION AND SIZING

For patella resection performed without a patella resection guide ("free hand"), the patella should be stabilized with large towel clips or similar instruments. The articular surface of the patella should be resected with an oscillating saw.

Instrument Assembly

When patella resection is complete, final determination of patella size (diameter) and hole preparation should be performed using the appropriate Drill Guide assembled to the Patella Prep Handle depending on the patella implant to be used (*Figures 42a and 42b*).

With the handle completely open, position the Drill Guide on the patella to assess the patellar diameter/bone coverage. The pattern and size of the Drill Guide holes are universal for all three-peg patella components. Clamp the patella and squeeze the handle to secure the position. Holes should be drilled through the Drill Guide depending on the patella implant to be used (*Figures 43a and 43b*). After the holes are drilled, remove the Prep Handle and Drill Guide from the patella. The appropriate size of trial prosthesis should be placed on the patella.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE



Figure 44a
Assemble Locking Tibial
Impactor to Modular Handle

Figure 44b
Assemble Locking Tibial Impactor
to Tibial Component



Figure 45
Place Tibial Component on Resected Tibial Bone

FINAL IMPLANTATION

Final Bone Preparation

Retractors should be placed to expose the joint. All tissue debris should be removed from resected bone surfaces. The bone trabeculae should be thoroughly cleansed with pulsed lavage.

Implantation of the Tibial Tray Component

Bone cement should be applied to the prosthesis and prepared bone surfaces when the cement has a viscosity low enough to promote good penetration into the trabecular bone.

Apply bone cement to the proximal tibia and the distal surface of the tibial tray component, including the keel, using either a cement gun or by manually pressurizing the cement. Assure that both the bone and the bone side of

the prosthesis are thoroughly coated with cement. When using the Truliant Fit Tray components, ensure that cement is pressed into the cement pockets. Care should be taken to limit the amount of cement placed on the posterior lateral corner of the implant to limit cement cleanup in the posterior capsule. Note that cement should be applied to a dry implant.

Next, assemble the Modular Handle to the Truliant Locking Tibial Impactor. Using this construct, introduce the tibial tray component into the prepared tibial by applying a constant downward force (*Figures 44a, 44b and 45*).

The extraneous cement must be removed from the borders of the tibial component, starting posteriorly and working around to the sides and front. All cement must be removed from the posterior capsular area of the knee.



Figure 46

Position the Femoral Component on the Distal Femur



Figure 47

Impact Final Femoral Component

Implantation of the Femoral Component

Note: For the porous femoral component application of bone cement is optional. Assemble the porous femoral component to the Locking Femoral Impactor and proceed to positioning the femoral component onto the distal femur.

With the femoral component assembled to the Locking Femoral Impactor, apply bone cement to the bone mating surfaces of the femoral component. Take care to apply only a thin layer of cement on the posterior surface of the prosthesis in order to avoid excessive cement extrusion posteriorly where it could be difficult to remove.

Using the Locking Femoral Impactor, position the femoral component onto the distal femur (Figure 46). Slight upward pressure should be applied to the Modular Impactor Handle as the component is being impacted to prevent the femoral component from going into flexion.

Final impaction of the femoral component is performed with the Truliant Non-locking Femoral Impactor assembled to the Modular Impactor Handle (Figure 47).

Care should be taken to remove all excess bone cement.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE



Figure 48

Clamp Patella Component onto Bone Using the Truliant Patella Prep Handle and Clamp Head



Figure 49a

Insert Tibial Implant Adaptor Plate into the Tibial Implant

Implantation of the Patella Component

Coat the resected patella surface and bone-mating surface of the patella component with cement. Align the pegs of the patella implant with the previously drilled peg holes in the patella bone and press the implant onto the patella.

Assemble the Truliant Patella Clamp Head to the Patella Prep Handle. Clamp the patella component onto the patella bone with the Patella Prep Handle and Clamp Head (*Figure 48*), avoiding excessive clamping pressure as it may damage the patella, especially when the bone is soft. Lock the handle using the ratcheting mechanism.

Polymerization of Cement

The Shim/Top assembly can be used when pressurizing the cement during polymerization. Insert the Truliant Tibial Implant Adaptor Plate into the tibial implant (*Figure 49a*). Then insert the Shim/Top assembly of the selected thickness into the joint space, onto the top surface of the Adaptor Plate (*Figure 49b*). Hold axial pressure across the joint during cement polymerization, avoiding either hyperextension or flexion which may cause the prosthesis to go into either flexion or extension.

This is important in every case, but especially in osteopenic bone. Avoid any movement of the prosthesis until the bone cement has completely polymerized.



Figure 49b

Insert the Shim/Top Assembly onto Top Surface of the Adaptor Plate



Figure 50

Introduce Polyethylene Insert

Installation of the Tibial Polyethylene Insert

After polymerization of the cement, introduce the polyethylene insert into the previously implanted tibial tray taking care that the posterior feet of the insert appropriately engage the undercuts of the posterior aspect of the metal tibial tray (Figure 50). Ensure that the tibial insert is not rotated relative to the tibial tray and that it is centered. This will allow the posterior feet to line up for proper engagement.

Be sure to check for any soft tissue or bony remnants that could interfere with implant assembly. Continue pushing the polyethylene insert back with two thumbs until the insert is fully engaged and the anterior gap between the tray and the insert is closed.

DETAILED OPERATIVE TECHNIQUE

SURGICAL TECHNIQUE



Figure 51
Complete Tibial Component Assembly
using Tibial Insert Driver

The Truliant Tibial Insert Driver should be used to complete the assembly of the tibial components (*Figure 51*). A mallet should be used for final impaction of the tibial component.

The surgeon should check to be certain that the tibial insert is fully seated in the metal tibial tray.

FINAL CHECK AND CLOSURE

Final check includes the following:

1. Removal of any remaining extruded cement
2. Final assessment of:
 - ALIGNMENT
 - STABILITY
 - MOTION
 - PATELLA TRACKING

Closure

A standard closure technique preferred by the surgeon may be used.

INSTRUMENT LISTING

CATALOG NUMBER PART DESCRIPTION

02-029-11-1000 Truliant Femoral Intra-medullary Pilot Drill



02-029-11-1100 Truliant Femoral Intra-medullary Rod



02-029-11-1300 Truliant Modular T-Handle, Non-ratcheting



02-029-11-2100 Truliant Distal Femoral Link



02-029-11-2000 Truliant Distal Femoral Alignment Guide



02-029-11-8000 Truliant Distal Femoral Resection Guide



02-029-21-1100 Truliant Extra-Medullary Alignment Upright



02-029-21-1000 Truliant Ankle Clamp



02-029-21-8010 Truliant Tibial Resection Guide, Left

02-029-21-8020 Truliant Tibial Resection Guide, Right



INSTRUMENT LISTING

CATALOG NUMBER PART DESCRIPTION

02-029-21-4000 Truliant Adjustable Tibial Stylus



02-029-29-1100 Truliant Alignment Rod Handle



02-029-29-2000 Truliant Extra-medullary Alignment Rod/Coupler



02-029-29-2100 Truliant Extra-medullary Alignment Rod Extension



02-029-90-6000 Truliant Cut Line Predictor



02-029-90-2010 Truliant Spacer Block, 9 and 11mm

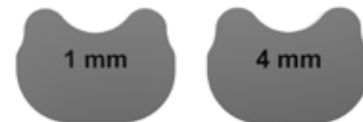
02-029-90-2020 Truliant Spacer Block, 13 and 15mm

02-029-90-2040 Truliant Spacer Block, 5 and 7mm



02-029-90-2100 Truliant Spacer Block Shim, 1mm

02-029-90-2120 Truliant Spacer Block Shim, 4mm



02-029-12-1200 Truliant Femoral A/P Sizer



02-029-13-8000* Truliant Femoral Finishing Guide, Size 0

02-029-13-8010 Truliant Femoral Finishing Guide, Size 1

02-029-13-8015 Truliant Femoral Finishing Guide, Size 1.5

02-029-13-8020 Truliant Femoral Finishing Guide, Size 2

02-029-13-8025 Truliant Femoral Finishing Guide, Size 2.5

02-029-13-8030 Truliant Femoral Finishing Guide, Size 3

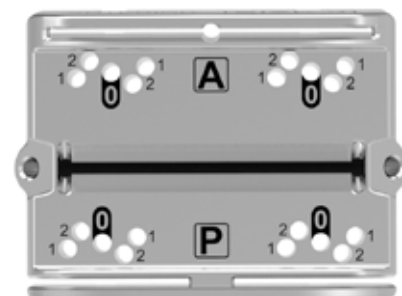
02-029-13-8035 Truliant Femoral Finishing Guide, Size 3.5

02-029-13-8040 Truliant Femoral Finishing Guide, Size 4

02-029-13-8045 Truliant Femoral Finishing Guide, Size 4.5

02-029-13-8050 Truliant Femoral Finishing Guide, Size 5

02-029-13-8060* Truliant Femoral Finishing Guide, Size 6



*Special Order Only

CATALOG NUMBER PART DESCRIPTION

02-029-15-1000* Truliant Femoral Trial, Size 0
 02-029-15-1010 Truliant Femoral Trial, Size 1
 02-029-15-1015 Truliant Femoral Trial, Size 1.5
 02-029-15-1020 Truliant Femoral Trial, Size 2
 02-029-15-1025 Truliant Femoral Trial, Size 2.5
 02-029-15-1030 Truliant Femoral Trial, Size 3
 02-029-15-1035 Truliant Femoral Trial, Size 3.5
 02-029-15-1040 Truliant Femoral Trial, Size 4
 02-029-15-1045 Truliant Femoral Trial, Size 4.5
 02-029-15-1050 Truliant Femoral Trial, Size 5
 02-029-15-1060* Truliant Femoral Trial, Size 6



02-029-90-1000 Truliant Universal Modular Handle



02-029-19-1000 Truliant Femoral Impactor, Locking



02-029-19-1100 Truliant Femoral Impactor, Non-locking



02-029-15-2000* Truliant PS Notch Guide, Size 0
 02-029-15-2010 Truliant PS Notch Guide, Size 1
 02-029-15-2015 Truliant PS Notch Guide, Size 1.5
 02-029-15-2020 Truliant PS Notch Guide, Size 2
 02-029-15-2025 Truliant PS Notch Guide, Size 2.5
 02-029-15-2030 Truliant PS Notch Guide, Size 3
 02-029-15-2035 Truliant PS Notch Guide, Size 3.5
 02-029-15-2040 Truliant PS Notch Guide, Size 4
 02-029-15-2045 Truliant PS Notch Guide, Size 4.5
 02-029-15-2050 Truliant PS Notch Guide, Size 5
 02-029-15-2060* Truliant PS Notch Guide, Size 6



**Special Order Only*

INSTRUMENT LISTING

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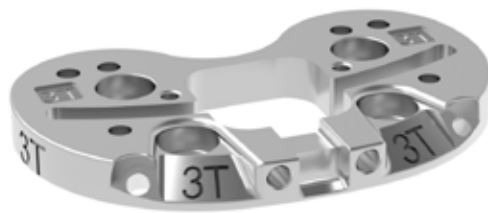
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02-029-15-3010	Truliant PS Notch Cutter, Size 1
02-029-15-3015	Truliant PS Notch Cutter, Size 1.5
02-029-15-3020	Truliant PS Notch Cutter, Size 2
02-029-15-3025	Truliant PS Notch Cutter, Size 2.5
02-029-15-3030	Truliant PS Notch Cutter, Size 3
02-029-15-3035	Truliant PS Notch Cutter, Size 3.5
02-029-15-3040	Truliant PS Notch Cutter, Size 4
02-029-15-3045	Truliant PS Notch Cutter, Size 4.5
02-029-15-3050	Truliant PS Notch Cutter, Size 5
02-029-15-3060*	Truliant PS Notch Cutter, Size 6



02-029-15-4000*	Truliant PS Cam Trial, Size 0
02-029-15-4010	Truliant PS Cam Trial, Size 1
02-029-15-4015	Truliant PS Cam Trial, Size 1.5
02-029-15-4020	Truliant PS Cam Trial, Size 2
02-029-15-4025	Truliant PS Cam Trial, Size 2.5
02-029-15-4030	Truliant PS Cam Trial, Size 3
02-029-15-4035	Truliant PS Cam Trial, Size 3.5
02-029-15-4040	Truliant PS Cam Trial, Size 4
02-029-15-4045	Truliant PS Cam Trial, Size 4.5
02-029-15-4050	Truliant PS Cam Trial, Size 5
02-029-15-4060*	Truliant PS Cam Trial, Size 6



02-029-25-1000	Truliant Baseplate Trial, Size 0T
02-029-25-1005	Truliant Baseplate Trial, Size 0.5T
02-029-25-1010	Truliant Baseplate Trial, Size 1T
02-029-25-1015	Truliant Baseplate Trial, Size 1.5T
02-029-25-1020	Truliant Baseplate Trial, Size 2T
02-029-25-1025	Truliant Baseplate Trial, Size 2.5T
02-029-25-1030	Truliant Baseplate Trial, Size 3T
02-029-25-1035	Truliant Baseplate Trial, Size 3.5T
02-029-25-1040	Truliant Baseplate Trial, Size 4T
02-029-25-1045	Truliant Baseplate Trial, Size 4.5T
02-029-25-1050	Truliant Baseplate Trial, Size 5T
02-029-25-1055	Truliant Baseplate Trial, Size 5.5T
02-029-25-1060	Truliant Baseplate Trial, Size 6T



*Special Order Only

CATALOG NUMBER PART DESCRIPTION

02-029-25-2609*	Truliant Tibial Insert Trial Shim, Size 0, 9mm
02-029-25-2610*	Truliant Tibial Insert Trial Shim, Size 0, 10mm
02-029-25-2611*	Truliant Tibial Insert Trial Shim, Size 0, 11mm
02-029-25-2612*	Truliant Tibial Insert Trial Shim, Size 0, 12mm
02-029-25-2613*	Truliant Tibial Insert Trial Shim, Size 0, 13mm
02-029-25-2615*	Truliant Tibial Insert Trial Shim, Size 0, 15mm
02-029-25-2617*	Truliant Tibial Insert Trial Shim, Size 0, 17mm
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02-029-25-2710	Truliant Tibial Insert Trial Shim, Size 1-2.5, 10mm
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02-029-25-2712	Truliant Tibial Insert Trial Shim, Size 1-2.5, 12mm
02-029-25-2713	Truliant Tibial Insert Trial Shim, Size 1-2.5, 13mm
02-029-25-2715	Truliant Tibial Insert Trial Shim, Size 1-2.5, 15mm
02-029-25-2717	Truliant Tibial Insert Trial Shim, Size 1-2.5, 17mm
02-029-25-2719	Truliant Tibial Insert Trial Shim, Size 1-2.5, 19mm
02-029-25-2809	Truliant Tibial Insert Trial Shim, Size 3-4.5, 9mm
02-029-25-2810	Truliant Tibial Insert Trial Shim, Size 3-4.5, 10mm
02-029-25-2811	Truliant Tibial Insert Trial Shim, Size 3-4.5, 11mm
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02-029-25-2911	Truliant Tibial Insert Trial Shim, Size 5-6, 11mm
02-029-25-2912	Truliant Tibial Insert Trial Shim, Size 5-6, 12mm
02-029-25-2913	Truliant Tibial Insert Trial Shim, Size 5-6, 13mm
02-029-25-2915	Truliant Tibial Insert Trial Shim, Size 5-6, 15mm
02-029-25-2917	Truliant Tibial Insert Trial Shim, Size 5-6, 17mm
02-029-25-2919	Truliant Tibial Insert Trial Shim, Size 5-6, 19mm



02-029-25-3100*	Truliant Tibial Insert Trial Top, CR Neutral, Size 0
02-029-25-3110	Truliant Tibial Insert Trial Top, CR Neutral, Size 1
02-029-25-3115	Truliant Tibial Insert Trial Top, CR Neutral, Size 1.5
02-029-25-3120	Truliant Tibial Insert Trial Top, CR Neutral, Size 2
02-029-25-3125	Truliant Tibial Insert Trial Top, CR Neutral, Size 2.5
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02-029-25-3145	Truliant Tibial Insert Trial Top, CR Neutral, Size 4.5
02-029-25-3150	Truliant Tibial Insert Trial Top, CR Neutral, Size 5
02-029-25-3160*	Truliant Tibial Insert Trial Top, CR Neutral, Size 6



**Special Order Only*

INSTRUMENT LISTING

CATALOG NUMBER PART DESCRIPTION

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02-029-25-3210	Truliant Tibial Insert Trial Top, CR Slope+, Size 1
02-029-25-3215	Truliant Tibial Insert Trial Top, CR Slope+, Size 1.5
02-029-25-3220	Truliant Tibial Insert Trial Top, CR Slope+, Size 2
02-029-25-3225	Truliant Tibial Insert Trial Top, CR Slope+, Size 2.5
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02-029-25-3235	Truliant Tibial Insert Trial Top, CR Slope+, Size 3.5
02-029-25-3240	Truliant Tibial Insert Trial Top, CR Slope+, Size 4
02-029-25-3245	Truliant Tibial Insert Trial Top, CR Slope+, Size 4.5
02-029-25-3250	Truliant Tibial Insert Trial Top, CR Slope+, Size 5
02-029-25-3260*	Truliant Tibial Insert Trial Top, CR Slope+, Size 6



02-029-25-3300*	Truliant Tibial Insert Trial Top, CR Slope++, Size 0
02-029-25-3310	Truliant Tibial Insert Trial Top, CR Slope++, Size 1
02-029-25-3315	Truliant Tibial Insert Trial Top, CR Slope++, Size 1.5
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02-029-25-3435	Truliant Tibial Insert Trial Top, CRC, Size 3.5
02-029-25-3440	Truliant Tibial Insert Trial Top, CRC, Size 4
02-029-25-3445	Truliant Tibial Insert Trial Top, CRC, Size 4.5
02-029-25-3450	Truliant Tibial Insert Trial Top, CRC, Size 5
02-029-25-3460*	Truliant Tibial Insert Trial Top, CRC, Size 6



02-029-25-3500*	Truliant Tibial Insert Trial Top, PS, Size 0
02-029-25-3510	Truliant Tibial Insert Trial Top, PS, Size 1
02-029-25-3515	Truliant Tibial Insert Trial Top, PS, Size 1.5
02-029-25-3520	Truliant Tibial Insert Trial Top, PS, Size 2
02-029-25-3525	Truliant Tibial Insert Trial Top, PS, Size 2.5
02-029-25-3530	Truliant Tibial Insert Trial Top, PS, Size 3
02-029-25-3535	Truliant Tibial Insert Trial Top, PS, Size 3.5
02-029-25-3540	Truliant Tibial Insert Trial Top, PS, Size 4
02-029-25-3545	Truliant Tibial Insert Trial Top, PS, Size 4.5
02-029-25-3550	Truliant Tibial Insert Trial Top, PS, Size 5
02-029-25-3560*	Truliant Tibial Insert Trial Top, PS, Size 6



*Special Order Only

CATALOG NUMBER PART DESCRIPTION

02-029-25-3600* Truliant Tibial Insert Trial Top, PSC, Size 0
 02-029-25-3610 Truliant Tibial Insert Trial Top, PSC, Size 1
 02-029-25-3615 Truliant Tibial Insert Trial Top, PSC, Size 1.5
 02-029-25-3620 Truliant Tibial Insert Trial Top, PSC, Size 2
 02-029-25-3625 Truliant Tibial Insert Trial Top, PSC, Size 2.5
 02-029-25-3630 Truliant Tibial Insert Trial Top, PSC, Size 3
 02-029-25-3635 Truliant Tibial Insert Trial Top, PSC, Size 3.5
 02-029-25-3640 Truliant Tibial Insert Trial Top, PSC, Size 4
 02-029-25-3645 Truliant Tibial Insert Trial Top, PSC, Size 4.5
 02-029-25-3650 Truliant Tibial Insert Trial Top, PSC, Size 5
 02-029-25-3660* Truliant Tibial Insert Trial Top, PSC, Size 6



02-029-29-1000 Truliant Tibial Trial Handle



02-029-19-2000 Truliant CR Femoral Peg Drill



02-029-90-4100 Truliant Headed Pin Puller/Driver



02-029-22-1000 Truliant Tibial Pilot Drill Guide



02-029-22-1100 Truliant Tibial Pilot Drill



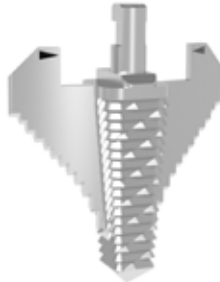
02-029-22-1200 Truliant Tibial Pilot Drill Stop



02-029-22-2000 Truliant Tibial Tamp Guide












02-029-22-2100 Truliant Tibial Tamp Head, Cemented



**Special Order Only*

INSTRUMENT LISTING

CATALOG NUMBER PART DESCRIPTION

02-029-90-5000	Truliant Caliper	
02-029-32-1000	Truliant Patella Prep Handle	
02-029-32-2026	Truliant Patella Drill Guide, 26mm	
02-029-32-2029	Truliant Patella Drill Guide, 29mm	
02-029-32-2032	Truliant Patella Drill Guide, 32mm	
02-029-32-2035	Truliant Patella Drill Guide, 35mm	
02-029-32-2038	Truliant Patella Drill Guide, 38mm	
02-029-32-2041	Truliant Patella Drill Guide, 41mm	
02-029-32-3126*	Advanced Patella Drill Guide, 26mm	
02-029-32-3129*	Advanced Patella Drill Guide, 29mm	
02-029-32-3132*	Advanced Patella Drill Guide, 32mm	
02-029-32-3135*	Advanced Patella Drill Guide, 35mm	
02-029-32-4000	Truliant Patella Drill, 3-peg, Zimmer Hudson	
02-029-35-1026	3-Peg Patella Trial, 26mm	
02-029-35-1029	3-Peg Patella Trial, 29mm	
02-029-35-1032	3-Peg Patella Trial, 32mm	
02-029-35-1035	3-Peg Patella Trial, 35mm	
02-029-35-1038	3-Peg Patella Trial, 38mm	
02-029-35-1041	3-Peg Patella Trial, 41mm	
02-029-35-2026*	Advanced Patella Trial, 26mm	
02-029-35-2029*	Advanced Patella Trial, 29mm	
02-029-35-2032*	Advanced Patella Trial, 32mm	
02-029-35-2035*	Advanced Patella Trial, 35mm	
02-029-90-3000	Truliant Slap Hammer	
02-029-19-1200	Truliant Femoral Trial Extractor	

*Special Order Only

CATALOG NUMBER PART DESCRIPTION

02-029-29-3200 Truliant Tibial Impactor, Locking



02-029-25-4000* Truliant Tibial Implant Adaptor Plate, Size 0
 02-029-25-4010 Truliant Tibial Implant Adaptor Plate, Size 1
 02-029-25-4015 Truliant Tibial Implant Adaptor Plate, Size 1.5
 02-029-25-4020 Truliant Tibial Implant Adaptor Plate, Size 2
 02-029-25-4025 Truliant Tibial Implant Adaptor Plate, Size 2.5
 02-029-25-4030 Truliant Tibial Implant Adaptor Plate, Size 3
 02-029-25-4035 Truliant Tibial Implant Adaptor Plate, Size 3.5
 02-029-25-4040 Truliant Tibial Implant Adaptor Plate, Size 4
 02-029-25-4045 Truliant Tibial Implant Adaptor Plate, Size 4.5
 02-029-25-4050 Truliant Tibial Implant Adaptor Plate, Size 5
 02-029-25-4060* Truliant Tibial Implant Adaptor Plate, Size 6



02-029-39-1000 Truliant Patella Clamp Head



02-029-29-3300 Truliant Tibial Insert Driver



02-029-29-3000 Truliant Tibial Impactor, Non-locking, Small

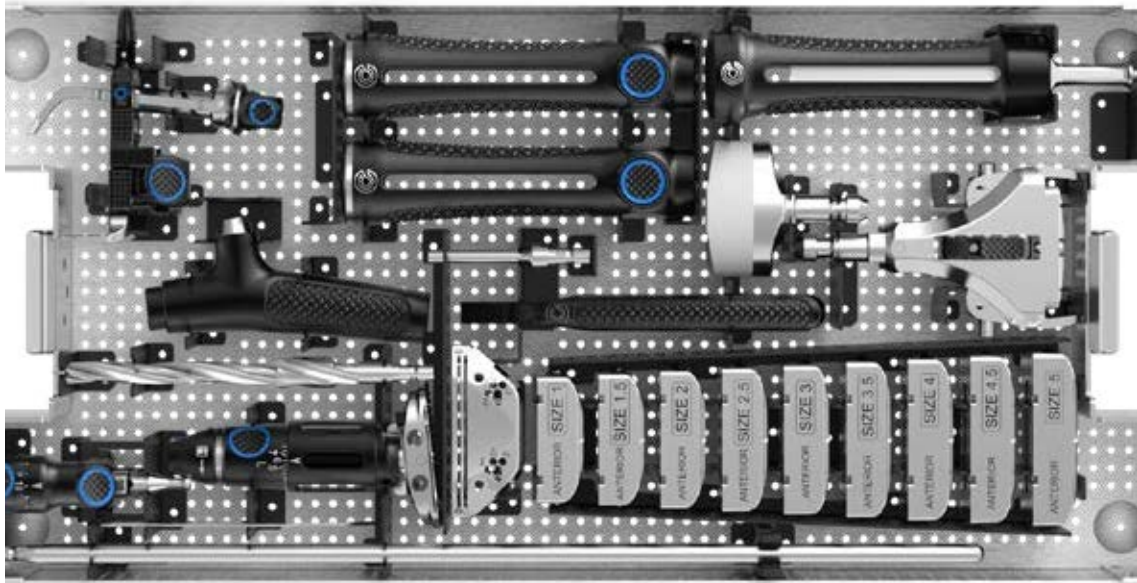


02-029-90-4000 Truliant Pin Puller



**Special Order Only*

TRAY LAYOUTS

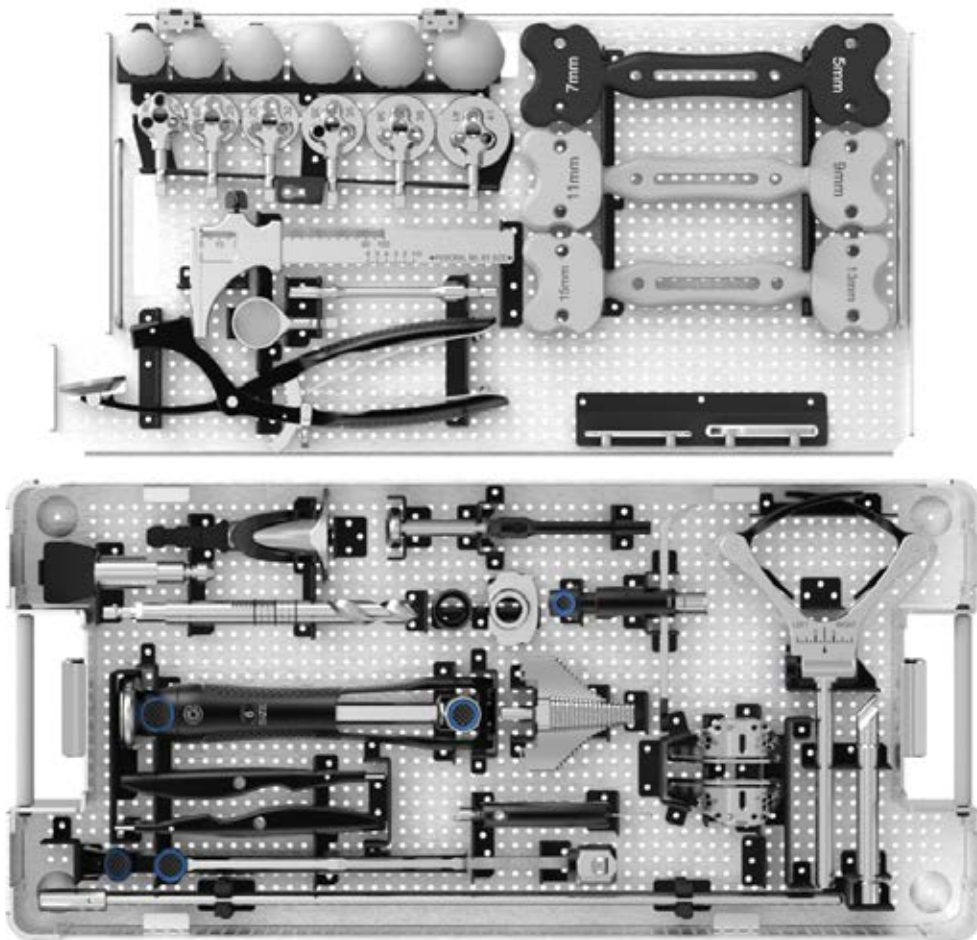


**Special Order Only*

KIT-271A Truliant Femoral Prep Instrument Tray

Item	Item Description	Qty
02-029-11-2000	Varus/Valgus Alignment Guide	1
02-029-11-2100	Distal Link	1
02-029-11-8000	Distal Femoral Cut Block	1
02-029-11-1000	Im Pilot Drill	1
02-029-11-1100	Im Rod	1
02-029-11-1300	Modular T-Handle	1
02-029-12-1200	A/P Sizer	1
02-029-19-1000	Locking Femoral Impactor	1
02-029-19-1100	Non-Locking Femoral Impactor	1
02-029-90-1000	Modular Handle	2
02-029-90-4000	Pin Puller	1
02-029-90-6000	Angel Wing	1
02-029-13-8010	Size 1, 4-in-1 Block	1
02-029-13-8015	Size 1.5, 4-in-1 Block	1
02-029-13-8020	Size 2, 4-in-1 Block	1
02-029-13-8025	Size 2.5, 4-in-1 Block	1
02-029-13-8030	Size 3, 4-in-1 Block	1
02-029-13-8035	Size 3.5, 4-in-1 Block	1
02-029-13-8040	Size 4, 4-in-1 Block	1
02-029-13-8045	Size 4.5, 4-in-1 Block	1
02-029-13-8050	Size 5, 4-in-1 Block	1
02-029-90-3000	Slaphammer	1
10-321-00-0001	Instrument Tray Lid, Full	1
02-029-01-0010	Truliant Femoral Prep Inst Tray	1

TRAY LAYOUTS



KIT-271B Truliant Tibial/Patella Prep Instrument Tray

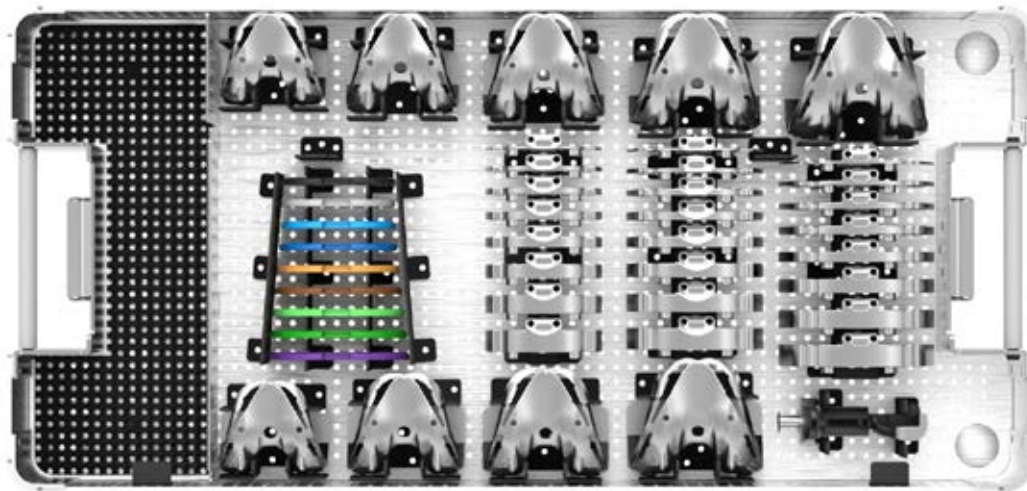
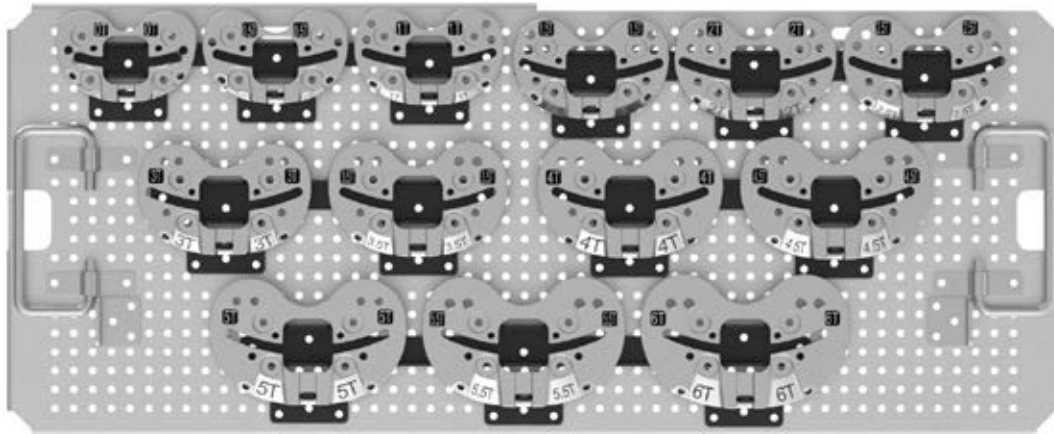
Item	Item Description	Qty
02-029-90-2010	Spacer Block, 9/11	1
02-029-90-2020	Spacer Block, 13/15	1
02-029-90-2040	Spacer Block, 5/7	1
02-029-90-2100	1mm Shim for Spacer Blocks	1
02-029-90-2120	4mm Shim for Spacer Blocks	1
02-029-90-4100	Syringe Pin Puller	1
02-029-21-1000	Ankle Clamp	1
02-029-21-1100	EM Alignment Guide	1
02-029-21-4000	Tibial Stylus	1
02-029-21-8010	Tibial Cut Block, Left	1
02-029-21-8020	Tibial Cut Block, Right	1
02-029-22-1100	14mm Tibial Pilot Drill	1

**Special Order Only*

KIT-271B Truliant Tibial/Patella Prep Instrument Tray (cont.)

02-029-22-1000	Tibial Pilot Drill Guide	1
02-029-22-1200	Pilot Drill Stopper	1
02-029-22-2000	Tamp Guide	1
02-029-22-2100	Tamp Head	1
02-029-29-3200	Tibial Locking Impactor	1
02-029-29-1000	Tibial Trial Handle	2
02-029-32-2026	Patella Drill Guide, 26mm	1
02-029-32-2029	Patella Drill Guide, 29mm	1
02-029-32-2032	Patella Drill Guide, 32mm	1
02-029-32-2035	Patella Drill Guide, 35mm	1
02-029-32-2038	Patella Drill Guide, 38mm	1
02-029-32-2041	Patella Drill Guide, 41mm	1
02-029-32-1000	Patella Clamp	1
02-029-32-4000	Patella Drill, 3 Peg	1
02-029-39-1000	Patelar Compression Head	1
02-029-90-5000	Caliper	1
02-029-35-1026	3 Peg Patella Trial, 26mm	1
02-029-35-1029	3 Peg Patella Trial, 29mm	1
02-029-35-1032	3 Peg Patella Trial, 32mm	1
02-029-35-1035	3 Peg Patella Trial, 35mm	1
02-029-35-1038	3 Peg Patella Trial, 38mm	1
02-029-35-1041	3 Peg Patella Trial, 41mm	1
02-029-29-2000	Drop Rod	1
02-029-29-2100	Drop Rod Extension	1
02-029-29-1100	Drop Rod Handle	1
02-029-29-3300	Tibial Insert Driver	1
02-029-29-3000	Tibial Non Locking Impactor	1
10-321-00-0001	Instrument Tray Lid, Full	1
02-029-01-0020	Truliant Tibial Prep Instrument Tray, Lower	1
02-029-01-0021	Truliant Tibial Prep Instrument Tray, Upper	1

TRAY LAYOUTS



KIT-271C Truliant Universal Trials Instrument Tray

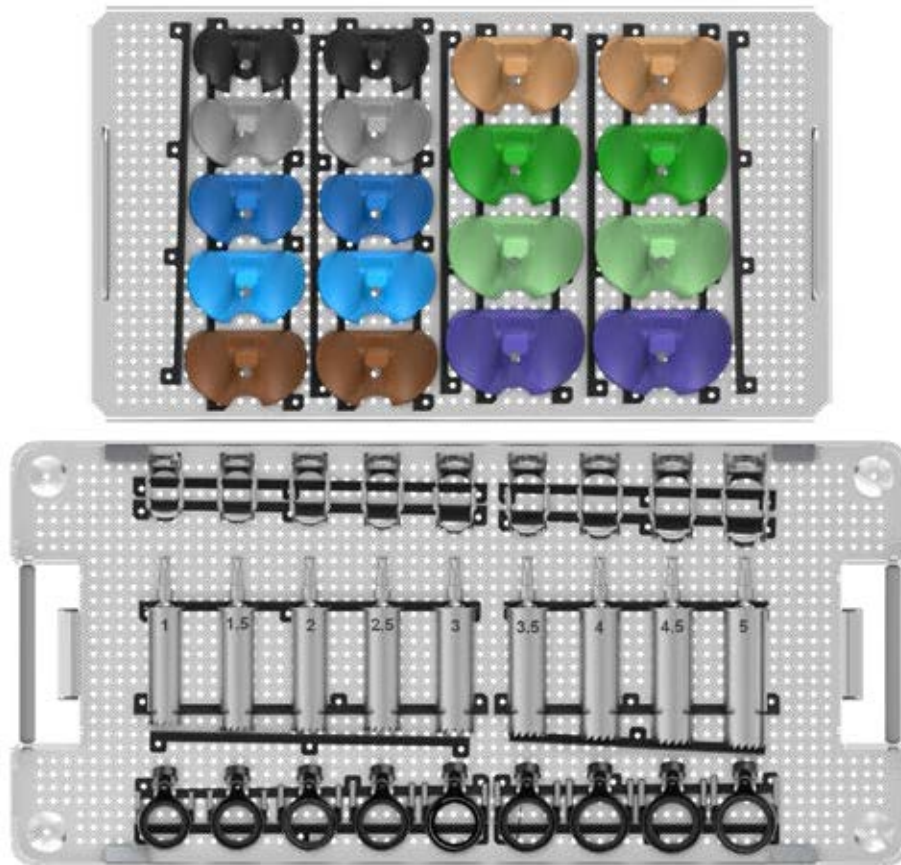
Item	Item Description	Qty
02-029-15-1010	Modular Femoral Trial, Size 1	1
02-029-15-1015	Modular Femoral Trial, Size 1.5	1
02-029-15-1020	Modular Femoral Trial, Size 2	1
02-029-15-1025	Modular Femoral Trial, Size 2.5	1
02-029-15-1030	Modular Femoral Trial, Size 3	1
02-029-15-1035	Modular Femoral Trial, Size 3.5	1
02-029-15-1040	Modular Femoral Trial, Size 4	1
02-029-15-1045	Modular Femoral Trial, Size 4.5	1
02-029-15-1050	Modular Femoral Trial, Size 5	1
02-029-25-1005	Tray Trial, Size 0.5	1
02-029-25-1010	Tray Trial, Size 1	1
02-029-25-1015	Tray Trial, Size 1.5	1

**Special Order Only*

KIT-271C Truliant Universal Trials Instrument Tray (cont.)

02-029-25-1020	Tray Trial, Size 2	1
02-029-25-1025	Tray Trial, Size 2.5	1
02-029-25-1030	Tray Trial, Size 3	1
02-029-25-1035	Tray Trial, Size 3.5	1
02-029-25-1040	Tray Trial, Size 4	1
02-029-25-1045	Tray Trial, Size 4.5	1
02-029-25-1050	Tray Trial, Size 5	1
02-029-25-1055	Tray Trial, Size 5.5	1
02-029-25-4010	Tibial Trial/Implant Adaptor Plate, Size 1	1
02-029-25-4015	Tibial Trial/Implant Adaptor Plate, Size 1.5	1
02-029-25-4020	Tibial Trial/Implant Adaptor Plate, Size 2	1
02-029-25-4025	Tibial Trial/Implant Adaptor Plate, Size 2.5	1
02-029-25-4030	Tibial Trial/Implant Adaptor Plate, Size 3	1
02-029-25-4035	Tibial Trial/Implant Adaptor Plate, Size 3.5	1
02-029-25-4040	Tibial Trial/Implant Adaptor Plate, Size 4	1
02-029-25-4045	Tibial Trial/Implant Adaptor Plate, Size 4.5	1
02-029-25-4050	Tibial Trial/Implant Adaptor Plate, Size 5	1
02-029-25-2709	Truliant Tibial Insert Trial Shim, Size 1-2.5, 9mm	1
02-029-25-2710	Truliant Tibial Insert Trial Shim, Size 1-2.5, 10mm	1
02-029-25-2711	Truliant Tibial Insert Trial Shim, Size 1-2.5, 11mm	1
02-029-25-2712	Truliant Tibial Insert Trial Shim, Size 1-2.5, 12mm	1
02-029-25-2713	Truliant Tibial Insert Trial Shim, Size 1-2.5, 13mm	1
02-029-25-2715	Truliant Tibial Insert Trial Shim, Size 1-2.5, 15mm	1
02-029-25-2717	Truliant Tibial Insert Trial Shim, Size 1-2.5, 17mm	1
02-029-25-2719	Truliant Tibial Insert Trial Shim, Size 1-2.5, 19mm	1
02-029-25-2809	Truliant Tibial Insert Trial Shim, Size 3-4.5, 9mm	1
02-029-25-2810	Truliant Tibial Insert Trial Shim, Size 3-4.5, 10mm	1
02-029-25-2811	Truliant Tibial Insert Trial Shim, Size 3-4.5, 11mm	1
02-029-25-2812	Truliant Tibial Insert Trial Shim, Size 3-4.5, 12mm	1
02-029-25-2813	Truliant Tibial Insert Trial Shim, Size 3-4.5, 13mm	1
02-029-25-2815	Truliant Tibial Insert Trial Shim, Size 3-4.5, 15mm	1
02-029-25-2817	Truliant Tibial Insert Trial Shim, Size 3-4.5, 17mm	1
02-029-25-2819	Truliant Tibial Insert Trial Shim, Size 3-4.5, 19mm	1
02-029-25-2909	Truliant Tibial Insert Trial Shim, Size 5-6, 9mm	1
02-029-25-2910	Truliant Tibial Insert Trial Shim, Size 5-6, 10mm	1
02-029-25-2911	Truliant Tibial Insert Trial Shim, Size 5-6, 11mm	1
02-029-25-2912	Truliant Tibial Insert Trial Shim, Size 5-6, 12mm	1
02-029-25-2913	Truliant Tibial Insert Trial Shim, Size 5-6, 13mm	1
02-029-25-2915	Truliant Tibial Insert Trial Shim, Size 5-6, 15mm	1
02-029-25-2917	Truliant Tibial Insert Trial Shim, Size 5-6, 17mm	1
02-029-25-2919	Truliant Tibial Insert Trial Shim, Size 5-6, 19mm	1
02-029-19-1200	Femoral Trial Extractor	1
10-321-00-0001	Instrument Tray Lid, Full	1
02-029-01-0030	Truliant Common Trial Instrument Tray, Lower	1
02-029-01-0031	Truliant Common Trial Instrument Tray, Upper	1

TRAY LAYOUTS



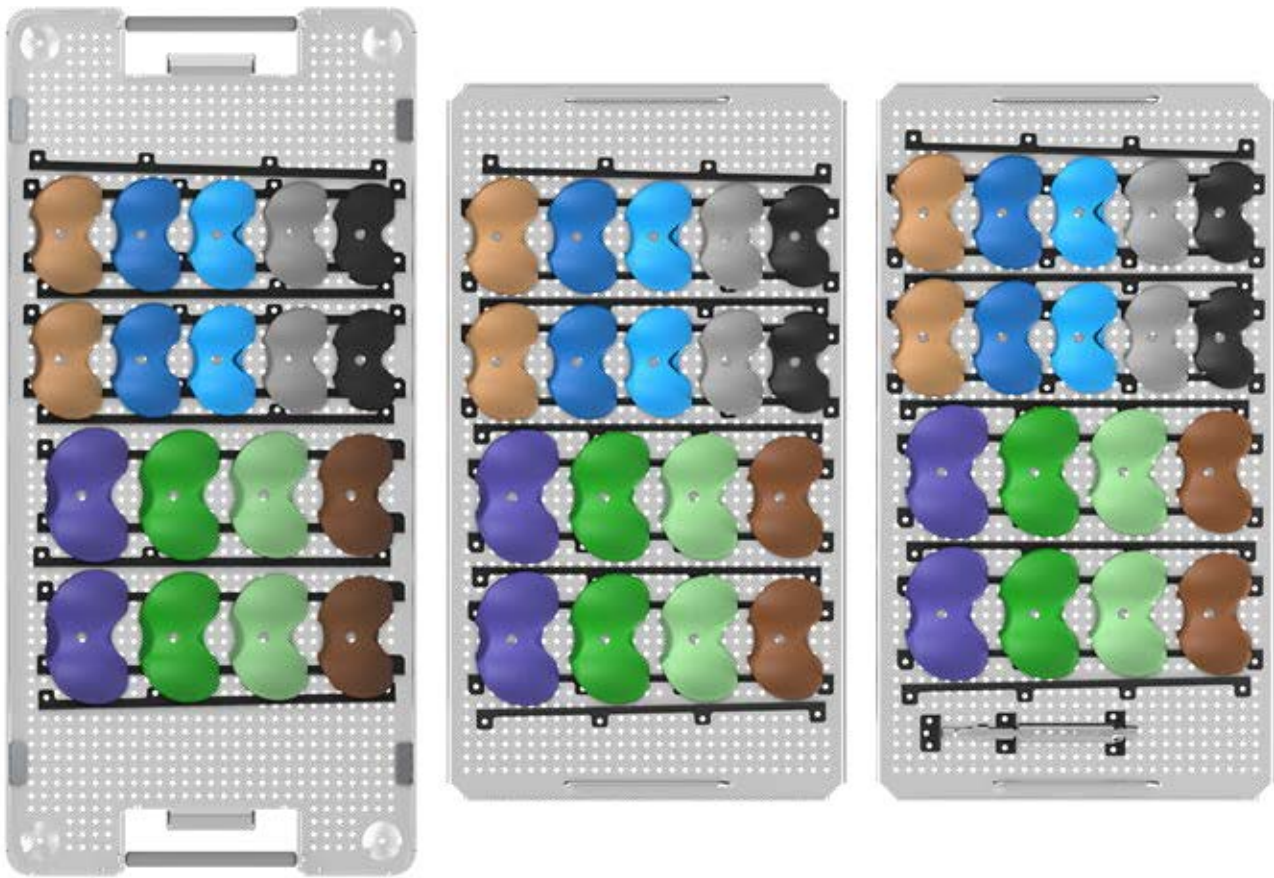
KIT-275PS Truliant PS Instrument Tray

Item	Item Description	Qty
02-029-15-2010	PS Modular Notch Guide, Size 1	1
02-029-15-2015	PS Modular Notch Guide, Size 1.5	1
02-029-15-2020	PS Modular Notch Guide, Size 2	1
02-029-15-2025	PS Modular Notch Guide, Size 2.5	1
02-029-15-2030	PS Modular Notch Guide, Size 3	1
02-029-15-2035	PS Modular Notch Guide, Size 3.5	1
02-029-15-2040	PS Modular Notch Guide, Size 4	1
02-029-15-2045	PS Modular Notch Guide, Size 4.5	1
02-029-15-2050	PS Modular Notch Guide, Size 5	1
02-029-15-3010	PS Notch Reamer, Size 1	1
02-029-15-3015	PS Notch Reamer, Size 1.5	1
02-029-15-3020	PS Notch Reamer, Size 2	1
02-029-15-3025	PS Notch Reamer, Size 2.5	1
02-029-15-3030	PS Notch Reamer, Size 3	1

KIT-275PS Truliant PS Instrument Tray (cont.)

02-029-15-3035	PS Notch Reamer, Size 3.5	1
02-029-15-3040	PS Notch Reamer, Size 4	1
02-029-15-3045	PS Notch Reamer, Size 4.5	1
02-029-15-3050	PS Notch Reamer, Size 5	1
02-029-15-4010	PS Box Trial, Size 1	1
02-029-15-4015	PS Box Trial, Size 1.5	1
02-029-15-4020	PS Box Trial, Size 2	1
02-029-15-4025	PS Box Trial, Size 2.5	1
02-029-15-4030	PS Box Trial, Size 3	1
02-029-15-4035	PS Box Trial, Size 3.5	1
02-029-15-4040	PS Box Trial, Size 4	1
02-029-15-4045	PS Box Trial, Size 4.5	1
02-029-15-4050	PS Box Trial, Size 5	1
02-029-25-3510	PS Size 1 Insert Trial Topper	2
02-029-25-3515	PS Size 1.5 Insert Trial Topper	2
02-029-25-3520	PS Size 2 Insert Trial Topper	2
02-029-25-3525	PS Size 2.5 Insert Trial Topper	2
02-029-25-3530	PS Size 3 Insert Trial Topper	2
02-029-25-3535	PS Size 3.5 Insert Trial Topper	2
02-029-25-3540	PS Size 4 Insert Trial Topper	2
02-029-25-3545	PS Size 4.5 Insert Trial Topper	2
02-029-25-3550	PS Size 5 Insert Trial Topper	2
10-321-00-0001	Instrument Tray Lid, Full	1
02-029-01-0040	Truliant PS Instrument Tray, Lower	1
02-029-01-0041	Truliant PS Instrument Tray, Upper	1

TRAY LAYOUTS



KIT-273CR Truliant CR Instrument Tray

Item	Item Description	Qty
02-029-25-3110	Tibial Insert Trial Topper, CR Neutral, Size 1	2
02-029-25-3115	Tibial Insert Trial Topper, CR Neutral, Size 1.5	2
02-029-25-3120	Tibial Insert Trial Topper, CR Neutral, Size 2	2
02-029-25-3125	Tibial Insert Trial Topper, CR Neutral, Size 2.5	2
02-029-25-3130	Tibial Insert Trial Topper, CR Neutral, Size 3	2
02-029-25-3135	Tibial Insert Trial Topper, CR Neutral, Size 3.5	2
02-029-25-3140	Tibial Insert Trial Topper, CR Neutral, Size 4	2
02-029-25-3145	Tibial Insert Trial Topper, CR Neutral, Size 4.5	2
02-029-25-3150	Tibial Insert Trial Topper, CR Neutral, Size 5	2
02-029-25-3210	Tibial Insert Trial Topper, CR Slope+, Size 1	2
02-029-25-3215	Tibial Insert Trial Topper, CR Slope+, Size 1.5	2
02-029-25-3220	Tibial Insert Trial Topper, CR Slope+, Size 2	2
02-029-25-3225	Tibial Insert Trial Topper, CR Slope+, Size 2.5	2
02-029-25-3230	Tibial Insert Trial Topper, CR Slope+, Size 3	2

KIT-273CR Truliant CR Instrument Tray (cont.)

02-029-25-3235	Tibial Insert Trial Topper, CR Slope+, Size 3.5	2
02-029-25-3240	Tibial Insert Trial Topper, CR Slope+, Size 4	2
02-029-25-3245	Tibial Insert Trial Topper, CR Slope+, Size 4.5	2
02-029-25-3250	Tibial Insert Trial Topper, CR Slope+, Size 5	2
02-029-25-3310	Tibial Insert Trial Topper, CR Slope++, Size 1	2
02-029-25-3315	Tibial Insert Trial Topper, CR Slope++, Size 1.5	2
02-029-25-3320	Tibial Insert Trial Topper, CR Slope++, Size 2	2
02-029-25-3325	Tibial Insert Trial Topper, CR Slope++, Size 2.5	2
02-029-25-3330	Tibial Insert Trial Topper, CR Slope++, Size 3	2
02-029-25-3335	Tibial Insert Trial Topper, CR Slope++, Size 3.5	2
02-029-25-3340	Tibial Insert Trial Topper, CR Slope++, Size 4	2
02-029-25-3345	Tibial Insert Trial Topper, CR Slope++, Size 4.5	2
02-029-25-3350	Tibial Insert Trial Topper, CR Slope++, Size 5	2
02-029-19-2000	CR Femoral Peg Drill	1
10-321-00-0001	Instrument Tray Lid, Full	1
02-029-01-0060	Truliant CR Instrument Tray, Lower	1
02-029-01-0061	Truliant CR Instrument Tray, Middle	1
02-029-01-0062	Truliant CR Instrument Tray, Upper	1

TRAY LAYOUTS

KIT-275PSC Truliant PSC Instrument Tray

Item	Item Description	Qty
02-029-25-3610	PSC Size 1, Insert Trial Topper	2
02-029-25-3615	PSC Size 1.5, Insert Trial Topper	2
02-029-25-3620	PSC Size 2, Insert Trial Topper	2
02-029-25-3625	PSC Size 2.5, Insert Trial Topper	2
02-029-25-3630	PSC Size 3, Insert Trial Topper	2
02-029-25-3635	PSC Size 3.5, Insert Trial Topper	2
02-029-25-3640	PSC Size 4, Insert Trial Topper	2
02-029-25-3645	PSC Size 4.5, Insert Trial Topper	2
02-029-25-3650	PSC Size 5, Insert Trial Topper	2
02-029-01-0050	Truliant PSC Instrument Tray, Lower	1
02-029-01-0051	Truliant PSC Instrument Tray, Upper	1
10-322-00-0001	Instrument Tray Lid, Half	1

KIT-273CRC Truliant CRC Instrument Tray

Item	Item Description	Qty
02-029-25-3410	Tibial Insert Trial Topper, CRC, Size 1	2
02-029-25-3415	Tibial Insert Trial Topper, CRC, Size 1.5	2
02-029-25-3420	Tibial Insert Trial Topper, CRC, Size 2	2
02-029-25-3425	Tibial Insert Trial Topper, CRC, Size 2.5	2
02-029-25-3430	Tibial Insert Trial Topper, CRC, Size 3	2
02-029-25-3435	Tibial Insert Trial Topper, CRC, Size 3.5	2
02-029-25-3440	Tibial Insert Trial Topper, CRC, Size 4	2
02-029-25-3445	Tibial Insert Trial Topper, CRC, Size 4.5	2
02-029-25-3450	Tibial Insert Trial Topper, CRC, Size 5	2
02-029-01-0070	Truliant CRC Instrument Tray, Lower	1
02-029-01-0071	Truliant CRC Instrument Tray, Upper	1
10-322-00-0001	Instrument Tray Lid, Half	1
02-029-19-2000	Truliant CR Femoral Peg Drill	1

OPT-271_0 Truliant Size 0 Instrument Tray

Item	Item Description	Qty
02-029-13-8000	DF 4-in-1 Cutting Block, Size 0	1
02-029-15-1000	Universal Femoral Trial, Size 0	1
02-029-25-1000	Tibial Baseplate Trial, 0T	1
02-029-25-2009	Tibial Insert Trial Shim, Size 0, 9mm	1
02-029-25-2010	Tibial Insert Trial Shim, Size 0, 10mm	1
02-029-25-2011	Tibial Insert Trial Shim, Size 0, 11mm	1
02-029-25-2012	Tibial Insert Trial Shim, Size 0, 12mm	1
02-029-25-2013	Tibial Insert Trial Shim, Size 0, 13mm	1
02-029-25-2015	Tibial Insert Trial Shim, Size 0, 15mm	1
02-029-25-2017	Tibial Insert Trial Shim, Size 0, 17mm	1
02-029-25-2019	Tibial Insert Trial Shim, Size 0, 19mm	1
02-029-25-3100	Tibial Insert Trial Topper, CR Neutral, Size 0	2
02-029-25-3200	Tibial Insert Trial Topper, CR Slope+, Size 0	2
02-029-25-3300	Tibial Insert Trial Topper, CR Slope++, Size 0	2
02-029-25-3400	Tibial Insert Trial Topper, CRC, Size 0	2
02-029-25-3500	Tibial Insert Trial Topper, PS, Size 0	2
02-029-25-3600	Tibial Insert Trial Topper, PSC, Size 0	2
02-029-25-4000	Tibial Trial/Implant Adaptor Plate, Size 0	1
02-029-15-2000	Modular PS Notch Guide, Size 0	1
02-029-15-3000	PS Notch Reamer, Size 0	1
02-029-15-4000	Modular PS Cam, Size 0	1

OPT-271_6 Truliant Size 6 Instrument Tray

Item	Item Description	Qty
02-029-13-8060	DF 4-in-1 Cutting Block, Size 6	1
02-029-15-1060	Universal Femoral Trial, Size 6	1
02-029-25-1060	Tibial Baseplate Trial, 6T	1
02-029-25-3160	Tibial Insert Trial Topper, CR Neutral, Sz 6	2
02-029-25-3260	Tibial Insert Trial Topper, CR Slope+, Sz 6	2
02-029-25-3360	Tibial Insert Trial Topper, CR Slope++, Sz 6	2
02-029-25-3460	Tibial Insert Trial Topper, CRC, Sz 6	2
02-029-25-3560	Tibial Insert Trial Topper, PS, Sz 6	2
02-029-25-3660	Tibial Insert Trial Topper, PSC, Sz 6	2
02-029-25-4060	Tibial Trial/Implant Adaptor Plate, Sz 6	1
02-029-15-2060	Modular PS Notch Guide , Size 6	1
02-029-15-3060	PS Notch Reamer, Size 6	1
02-029-15-4060	Modular PS Cam, Size 6	1

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For additional device information, refer to the Truliant Knee System—Instructions for Use for a device description, indications, contraindications, precautions and warnings. For further product information, please contact Customer Service, Exactech, Inc., 2320 NW 66th Court, Gainesville, Florida 32653-1630, USA. (352) 377-1140, (800) 392-2832 or FAX (352) 378-2617.

Exactech, as the manufacturer of this device, does not practice medicine, and is not responsible for recommending the appropriate surgical technique for use on a particular patient. These guidelines are intended to be solely informational and each surgeon must evaluate the appropriateness of these guidelines based on his or her personal medical training and experience. Prior to use of this system, the surgeon should refer to the product package insert for comprehensive warnings, precautions, indications for use, contraindications and adverse effects.

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EXACTECH, INC.
2320 NW 66TH COURT
GAINESVILLE, FL 32653
USA

+1 352.377.1140
+1 800.EXACTECH
+1 352.378.2617 FAX
www.exac.com