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CONSULT INSTRUCTIONS FOR USE PRIOR TO USING GUIDES

PROCEDURE A: TIBIA CUTTING GUIDE



1. Confirm the work order number and patient information on the **Tibia Cutting Guide** are correct.



3. Ensure adequate dissection has been performed to accommodate the 0.5mm soft tissue tolerance of the **Tibia Cutting Guide**. Place the **Tibia Cutting Guide** in the best fit location. Visually confirm the Guide is seated evenly around its' perimeter.



2. Press fit the **Fluoroscopic Insert** into the **Tibia Cutting Guide**. Press fit a **Reciprocating Saw Blade** into the tibia axis blade mount with the teeth facing the posterior.



4. Place pins through the Parallel Pin Holes of the **Tibia Cutting Guide** for initial fixation of the device.

To ensure successful surgery in the event of device malfunction, have a tray of standard Exactech Vantage Total Ankle Arthroplasty instrumentation available at the time of surgery. Switch to standard Exactech Vantage Total Ankle Arthroplasty instrumentation if the device is dropped in the surgical suite.

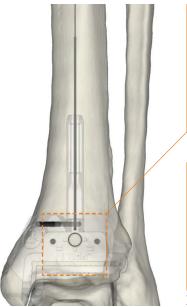
Note: Determining the best fit location may require applying pressure from multiple vectors and/or with two hands. Use the case report for visual reference of correct guide placement.



PROCEDURE A: TIBIA CUTTING GUIDE



Place the oblique fixation Pin.



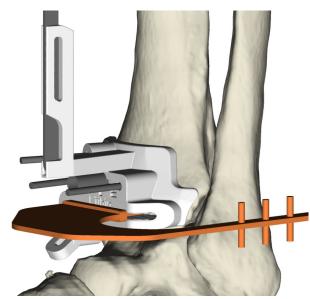


Correct Alignment

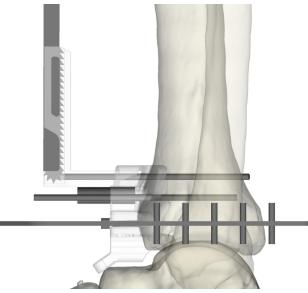


Incorrect Alignment

6. Take an anterior fluoroscopic image to confirm placement of the guide matches the virtual surgical plan. Use the Fluoroscopic Insert to aid in view alignment.



7. Insert the Angel Wing into the slot of the **Tibia** Cutting Guide. The Angel Wing should sit flush against the anterior surface of the guide.



8. Take a lateral fluoroscopic image to confirm the height and location of the tibia cut match the virtual surgical plan. Remove the Angel Wing and **Reciprocating Saw Blade** from the guide.

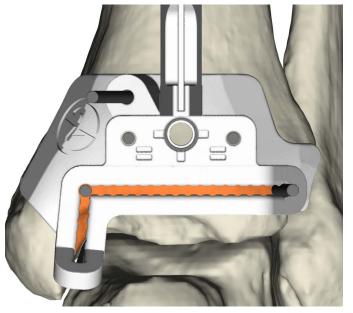




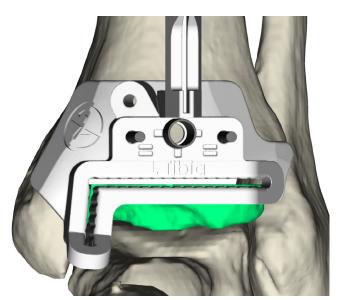
PROCEDURE A: TIBIA CUTTING GUIDE



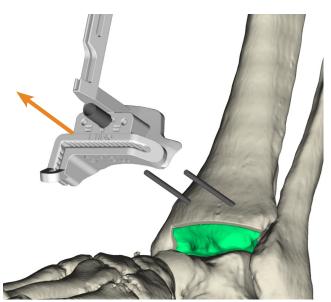
9. Place the medial and lateral resection limit Pins.



10. Cut the distal tibia using an oscillating saw, taking care not to penetrate through the posterior capsule where the neurovascular bundle is located. A reciprocating saw may be used to cut the bone along the medial malleolus. A portion of the anterior lateral tibia may remain after the initial cut. This should be cleared to make room for the anterior flange of the tibial component.



11. Leaving the parallel **Pins** fixated to the tibia, remove all other **Pins** from the tibia bone.



12. Remove the **Tibia Cutting Guide** by sliding it off the parallel **Pins**. Remove any generated debris with lavage.



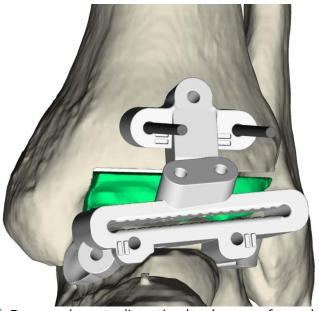


PROCEDURE B1: TALUS CUTTING GUIDE

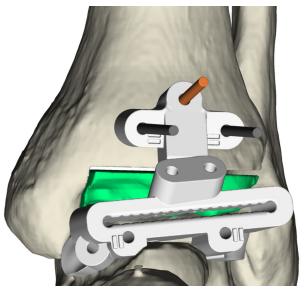
If case is a Flat Cut Talus, proceed to Procedure B2.



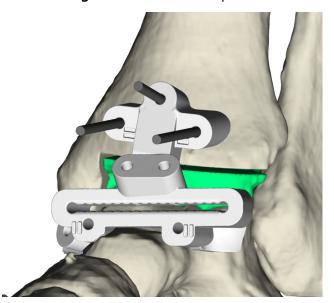
1. Confirm the work order number and patient information on the **Talus Cutting Guide** are correct.



2. Ensure adequate dissection has been performed to accommodate the 0.5mm soft tissue tolerance of the Talus Cutting Guide. Slide the tibia interface of the Talus Cutting Guide over the tibia parallel Pins.



3. Ensure the guide is fully seated on the tibia, and place the tibia oblique fixation **Pin**.



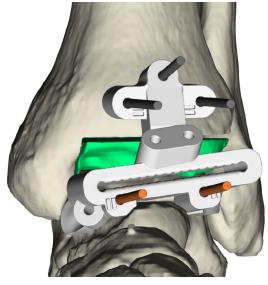
4. While rotating the foot as necessary, place the **Talus Cutting Guide** in the best fit location. Visually confirm the Guide is seated evenly around its' perimeter.

Note: Determining the best fit location may require applying pressure from multiple vectors and/or with two hands. Use the case report for visual reference of correct guide placement.





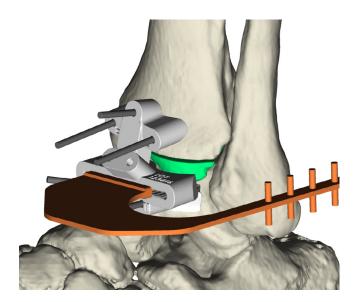
PROCEDURE B1: TALUS CUTTING GUIDE



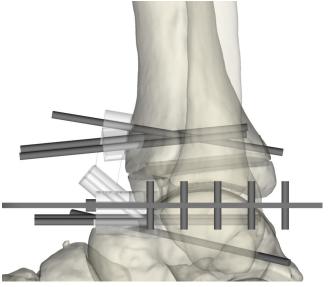
5. Place pins through the parallel **Pin** holes of the **Talus Cutting Guide.**



6. Place the talus oblique fixation **Pin**.



7. Insert the Angel Wing into the slot of the **Talus Cutting Guide**. The **Angel Wing** should sit flush against the anterior surface of the guide.

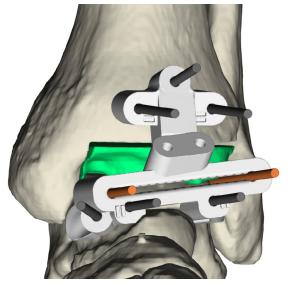


8. Take a lateral fluoroscopic image to confirm the height and location of the talus cut match the virtual surgical plan. Remove the **Angel Wing**.

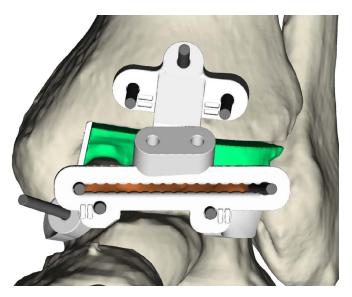




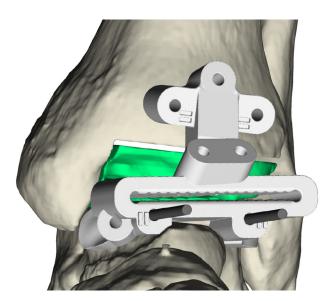
PROCEDURE B1: TALUS CUTTING GUIDE



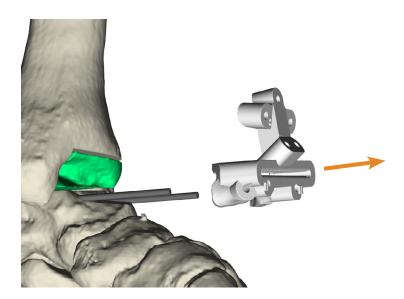
9. Place the medial and lateral resection limit Pins.



10. Perform the talar cut with the oscillating saw.



11. Leaving the talus parallel **Pins** fixated to the talus, remove all other **Pins** from both the talus and tibia.

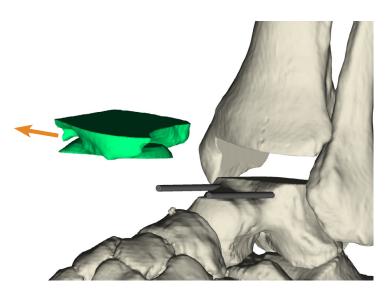


12. Remove the **Talus Cutting Guide** by sliding it off the talus parallel **Pins**.

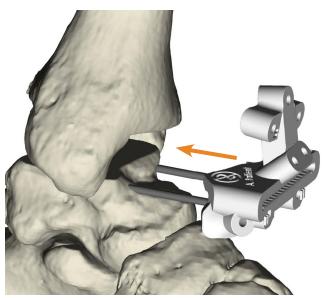




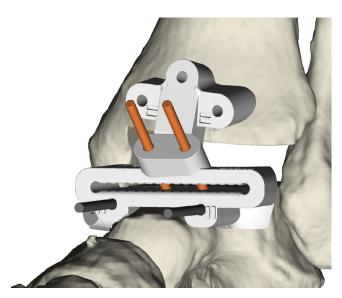
PROCEDURE B1: TALUS CUTTING GUIDE



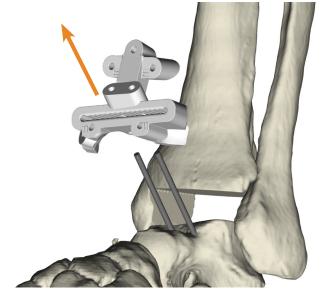
13. Remove resected anatomy from the joint space.



14. Replace the **Talus Cutting Guide** over the talus parallel **Pins**.



15. Ensure the **Talus Cutting Guide** is fully seated, and place the **Lollipop Pins**.



16. Remove the talus parallel **Pins**, and remove the **Talus Cutting Guide** by sliding it off the **Lollipop Pins**. Remove any generated debris with lavage.

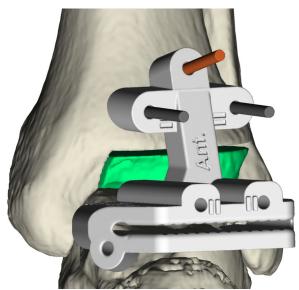
Complete remaining steps per Vantage
Ankle Fixed Bearing Operative Technique
721-00-30.
3D SYSTEMS



PROCEDURE B2: FLAT CUT TALUS CUTTING GUIDE



1. Confirm the work order number and patient information on the **Talus Cutting Guide** are correct.



3. Ensure the guide is fully seated on the tibia, and place the tibia oblique fixation **Pin**.



2. Ensure adequate dissection has been performed to accommodate the 0.5mm soft tissue tolerance of the Talus Cutting Guide. Slide the tibia interface of the Talus Cutting Guide over the tibia parallel Pins.



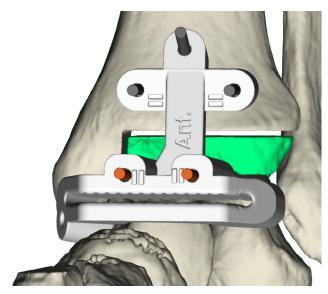
4. While rotating the foot as necessary, place the **Talus Cutting Guide** in the best fit location. Visually confirm the Guide is seated evenly around its' perimeter.

Note: Determining the best fit location may require applying pressure from multiple vectors and/or with two hands. Use the case report for visual reference of correct guide placement.

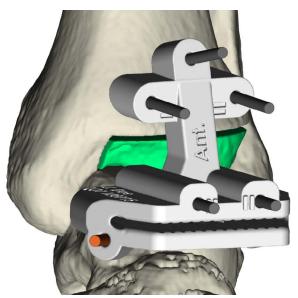




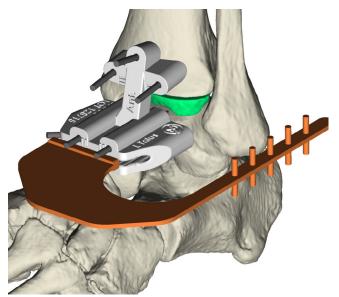
PROCEDURE B2: FLAT CUT TALUS CUTTING GUIDE



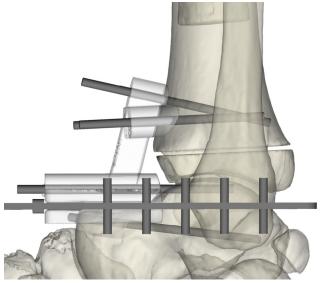
5. Place pins through the parallel **Pin** holes of the **Talus Cutting Guide.**



6. Place the talus oblique fixation **Pin**.



7. Insert the Angel Wing into the slot of the **Talus Cutting Guide**. The **Angel Wing** should sit flush against the anterior surface of the guide.

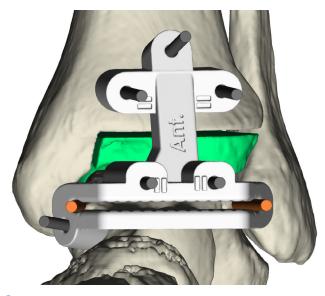


8. Take a lateral fluoroscopic image to confirm the height and location of the talus cut match the virtual surgical plan. Remove the **Angel Wing**.

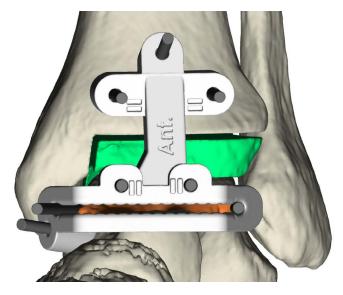




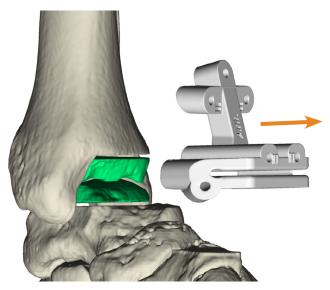
PROCEDURE B2: FLAT CUT TALUS CUTTING GUIDE



9. Place the medial and lateral resection limit **Pins**.



10. Perform the talar cut with the oscillating saw.



11. Remove all pins and the **Talus Cutting Guide**. Remove any generated debris with lavage.

Complete remaining steps per Vantage Flat Cut Talus - Fixed Bearing System Decoupled Cut Technique 00-0000057.







INSTRUMENT LISTING

	CATALOG NUMBER	PART DESCRIPTION
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351-10-14 Angel Wing

351-90-01 2.4mm x 3.5" Fluted Drill Bit

351-90-02 2.4mm x 2.5" Fluted Drill Bit

351-80-00 Talus Cutting Guide

351-80-10 Tibia Cutting Guide











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CONSULT INSTRUCTIONS FOR USE PRIOR TO USING GUIDES

INSTRUMENT LISTING

CATALOG NUMBER	PART DESCRIPTION

351-80-90 Anatomical Model



351-80-11 Fluoroscopic Insert



351-91-03 Reciprocating Saw Blade (Stryker^(R))
351-91-06 Reciprocating Saw Blade (Hall^(R))



351-01-01	Lollipop Guide - Size 1
351-01-02	Lollipop Guide - Size 2
351-01-03	Lollipop Guide - Size 3
351-01-04	Lollipop Guide - Size 4
351-01-05	Lollipop Guide - Size 5





