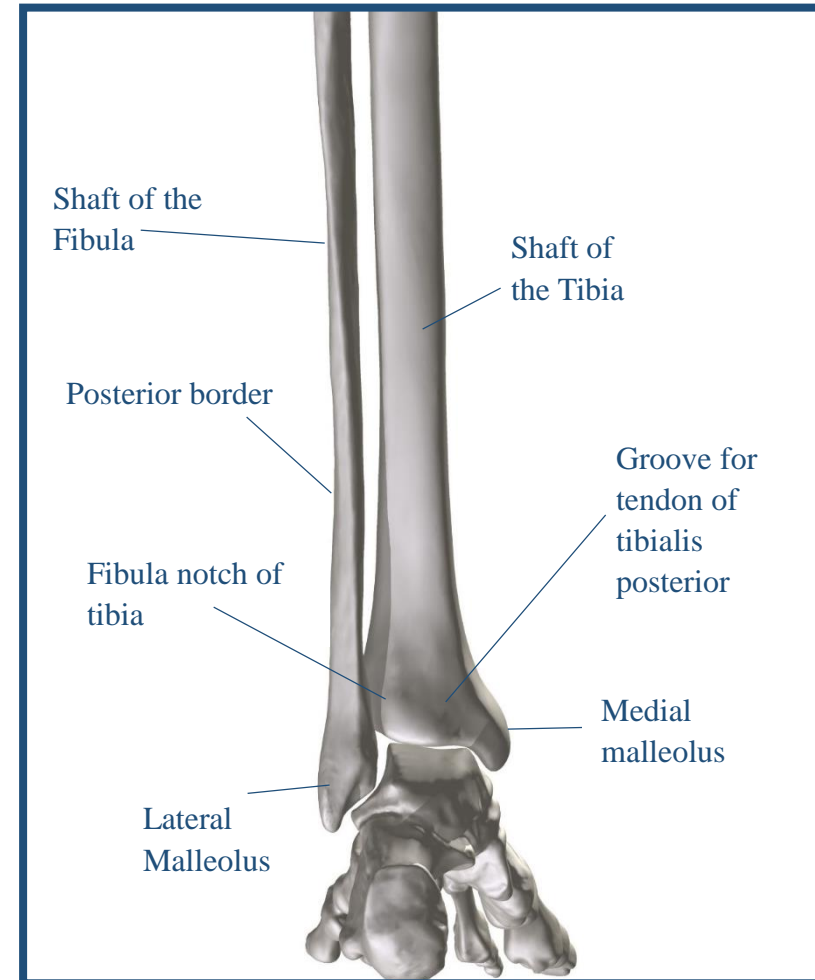
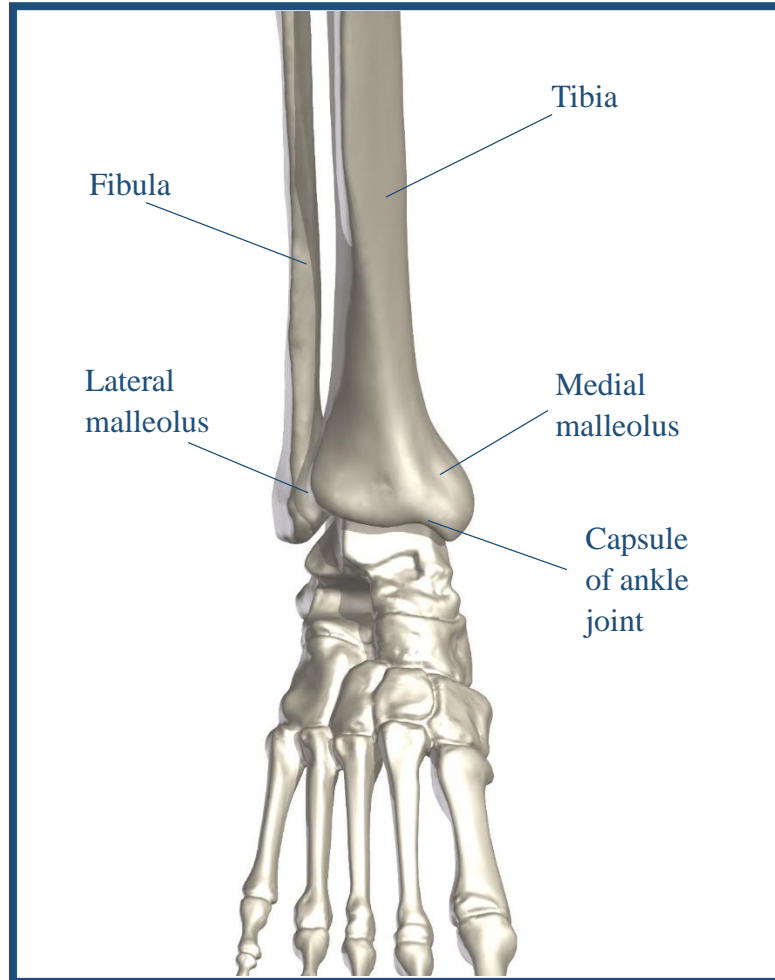
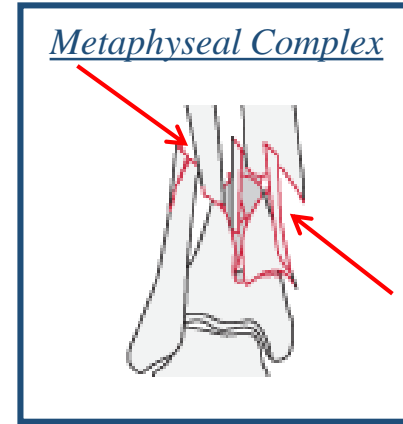
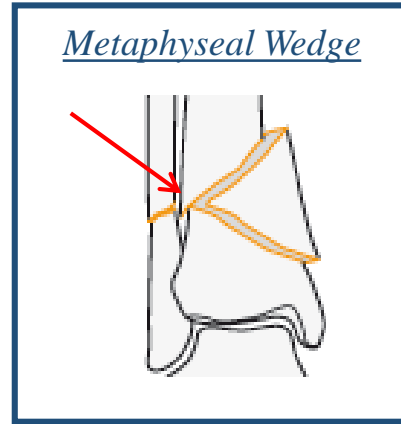
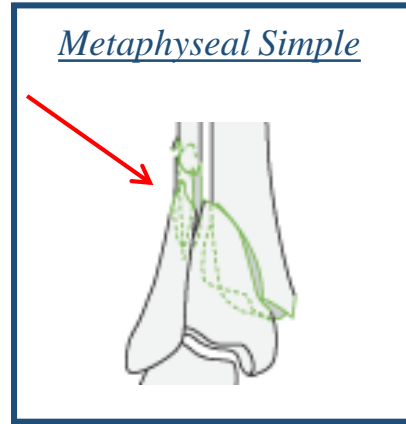
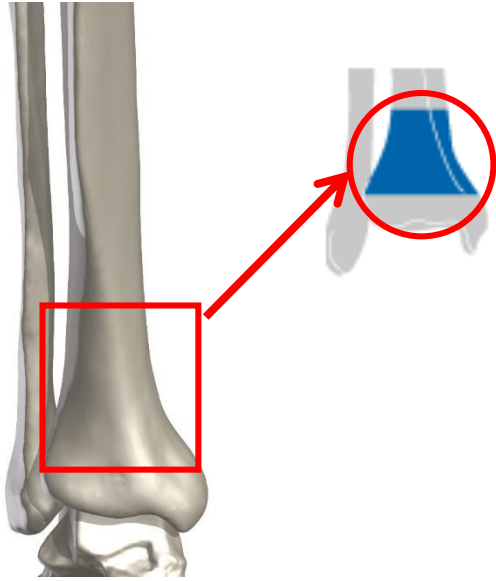


# Fibonacci Lower Extremity Plate Reference

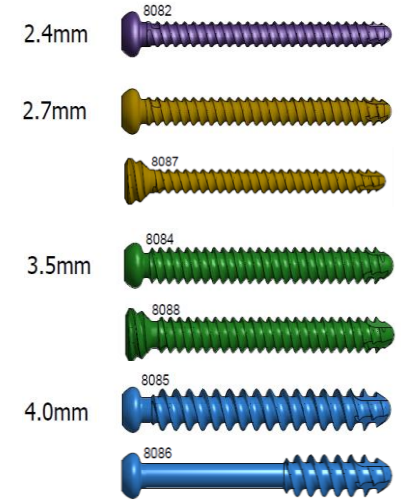
# Distal Tibia and Fibula Anatomy



# Fracture Type: Extra Articular



## Plate Screws



## Non-Plate Screws



## Plates:

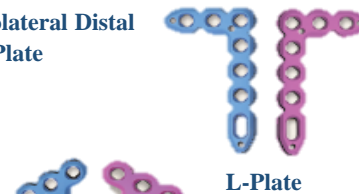
Posterior Distal Tibia Plate



Medial Pilon Plate



Anterolateral Distal Tibia Plate



Oblique T-Plate



L-Plate

Anterior Distal Tibia Plate



Straight Plate

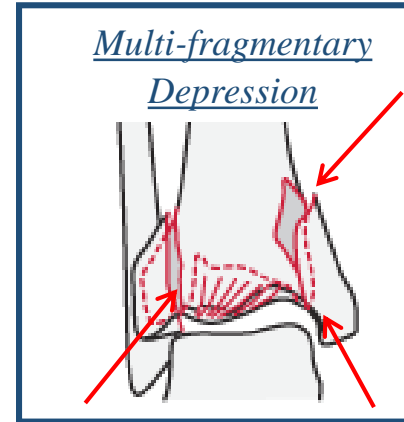
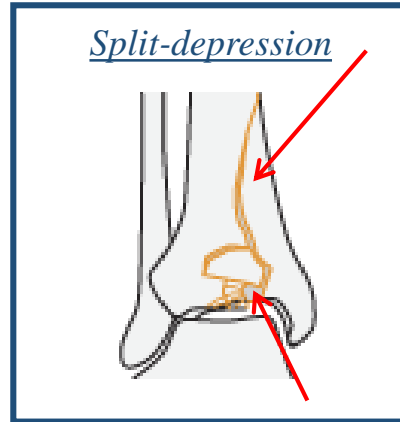
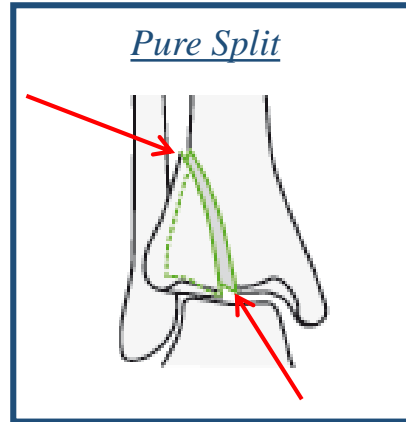
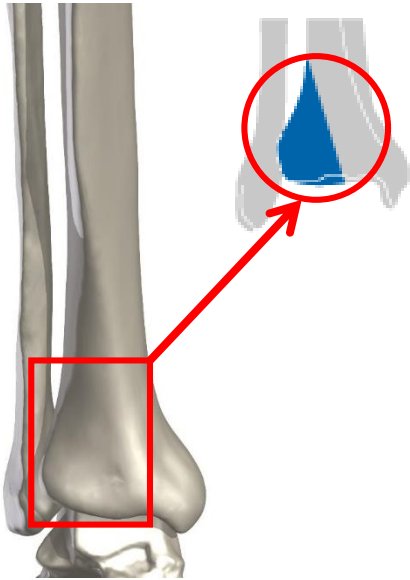


Semi-tubular Plate

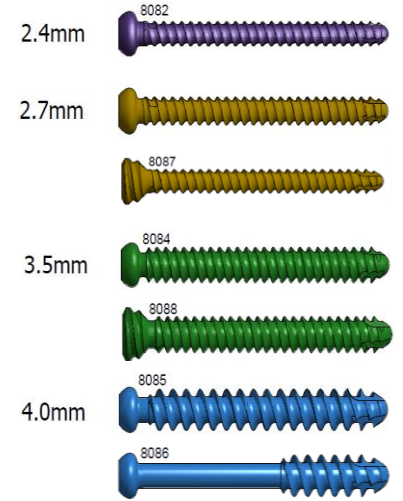
2 and 3-hole T-Plate



# Fracture Type: Partial Articular



## Plate Screws



## Non-Plate Screws



## Plates:

Posterior Distal Tibia Plate



Medial Pilon Plate



Anterolateral Distal Tibia Plate



Oblique T-Plate



L-Plate



Anterior Distal Tibia Plate



2 and 3-hole T-Plate



Straight Plate

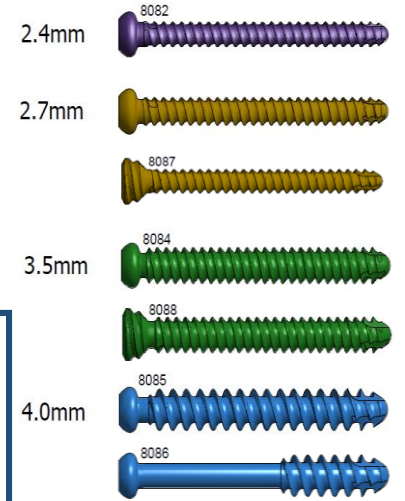


Semi-tubular Plate

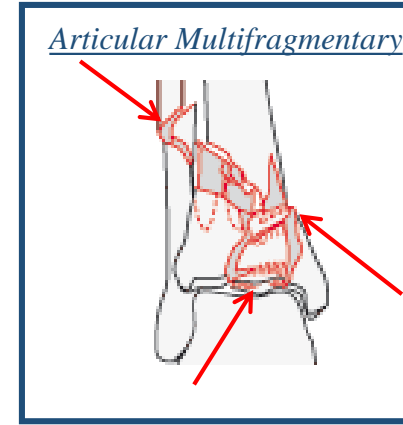
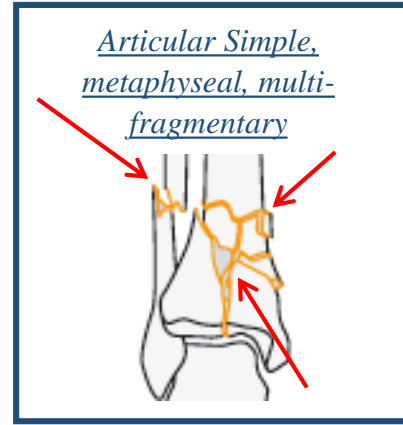
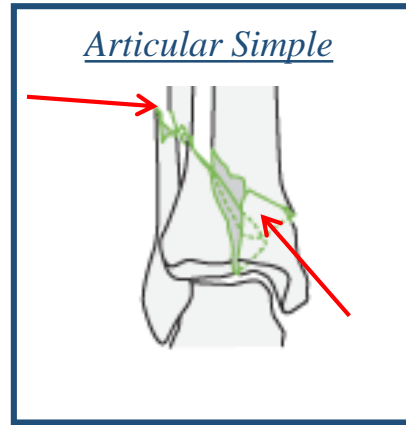
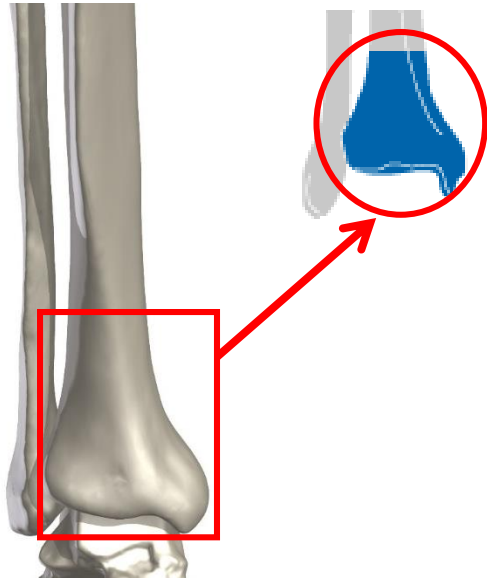


# Fracture Type: Complete Articular

## Plate Screws



## Non-Plate Screws



## Plates:

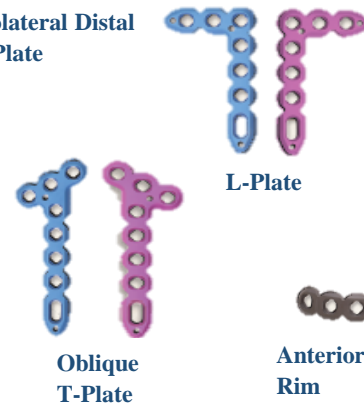
Posterior Distal Tibia Plate



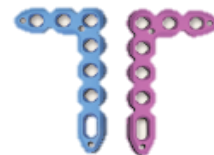
Medial Pilon Plate



Anterolateral Distal Tibia Plate



L-Plate



Anterior Cortical Rim



Anterior Distal Tibia Plate



2 and 3-hole T-Plate



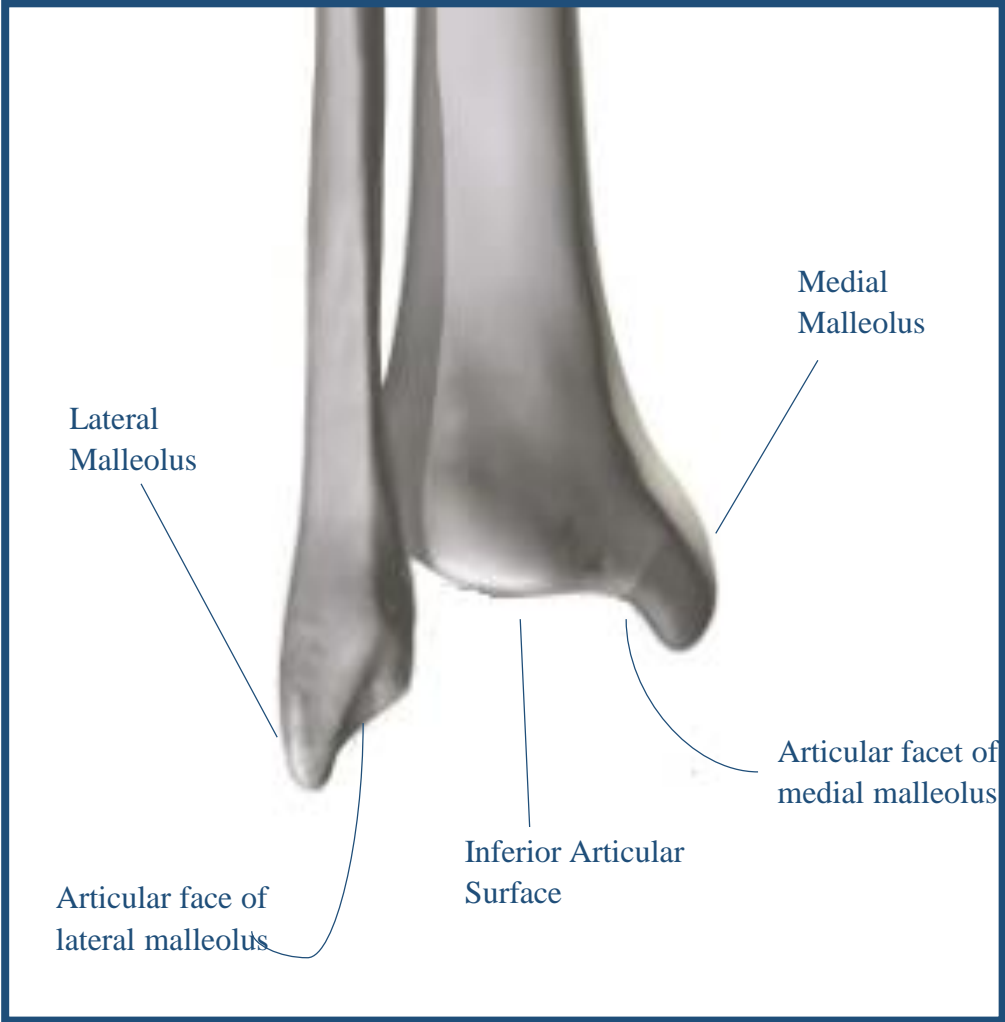
Straight Plate



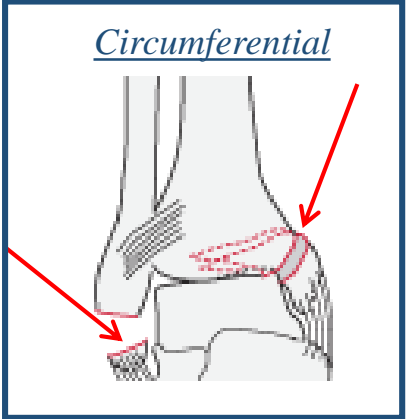
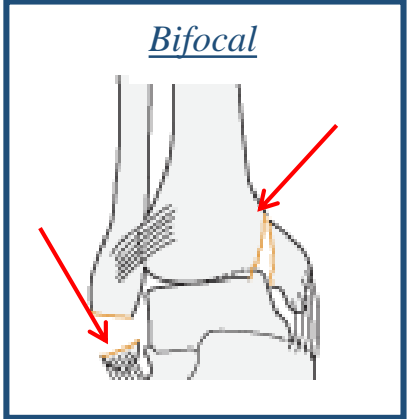
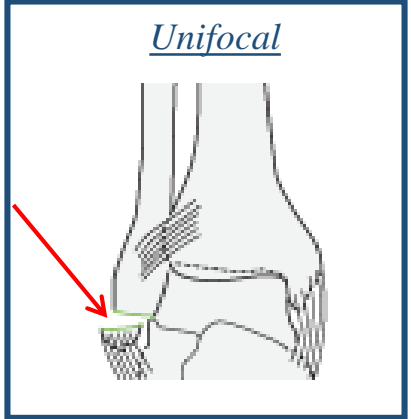
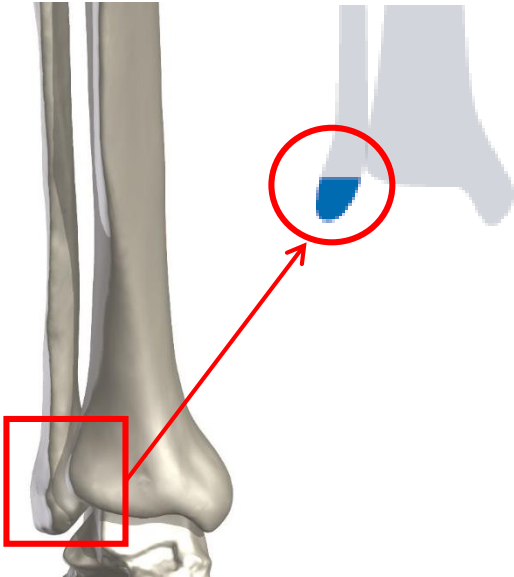
Semi-tubular Plate



# Malleolus



# Fracture Type: Infra-Syndesmotic



Plates:



**Posterior Distal Fibula Plate**

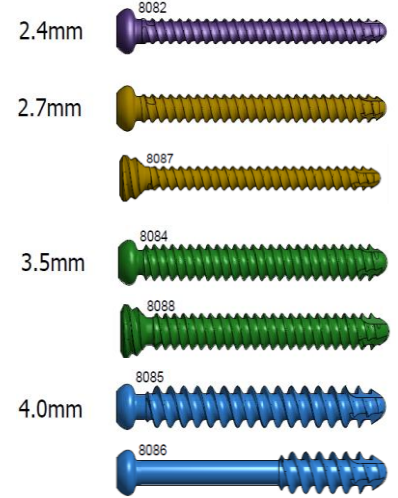


**Lateral Distal Fibula Plate**



**Distal Hook Plate**

### Plate Screws

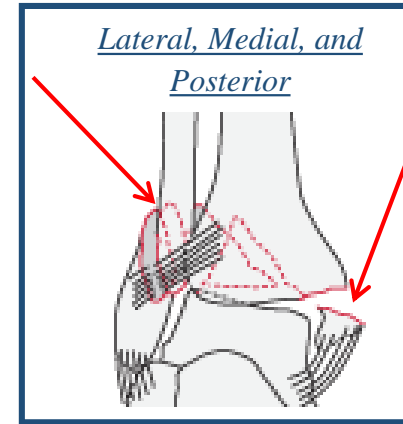
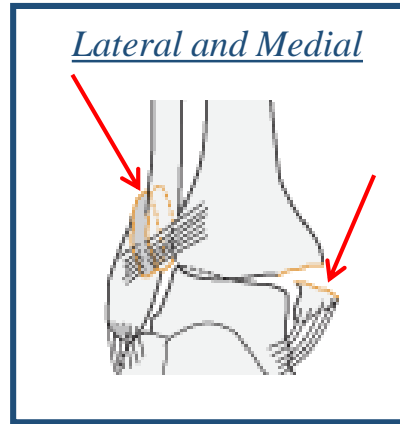
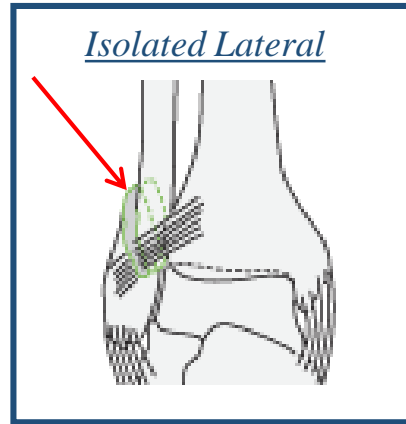
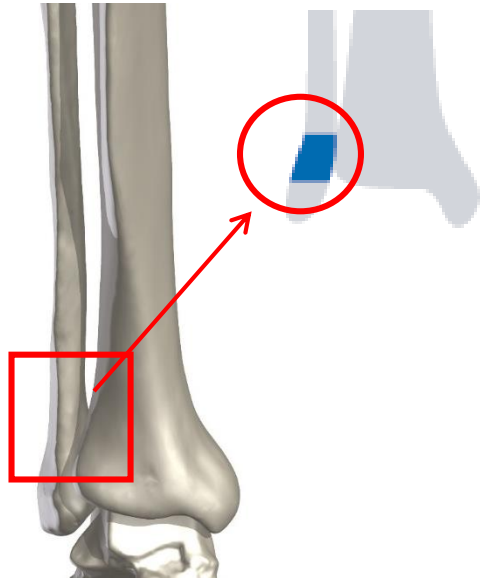


### Non-Plate Screws





# Fracture Type: Trans-Syndesmotic



Plates:



**Posterior  
Distal Fibula  
Plate**

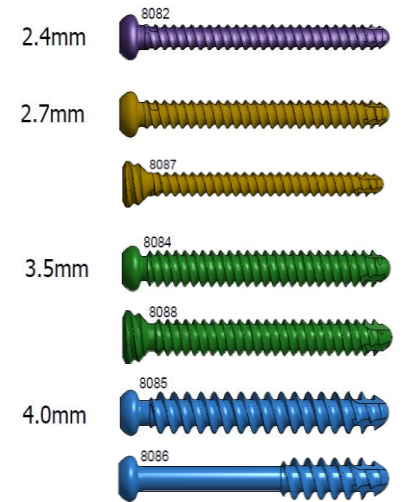


**Lateral Distal  
Fibula Plate**



**Distal Hook  
Plate**

Plate Screws

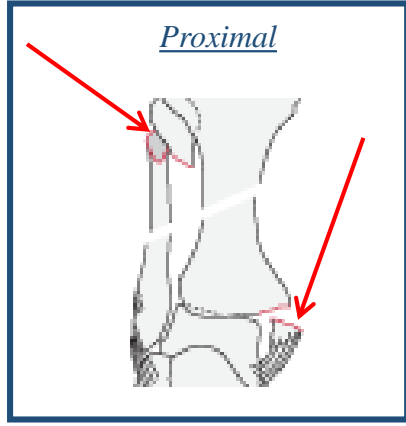
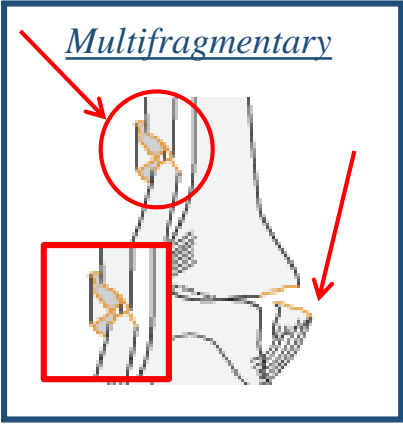
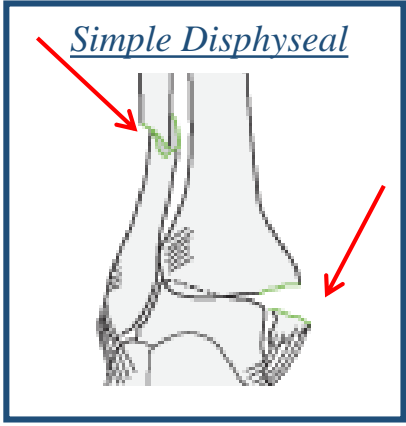
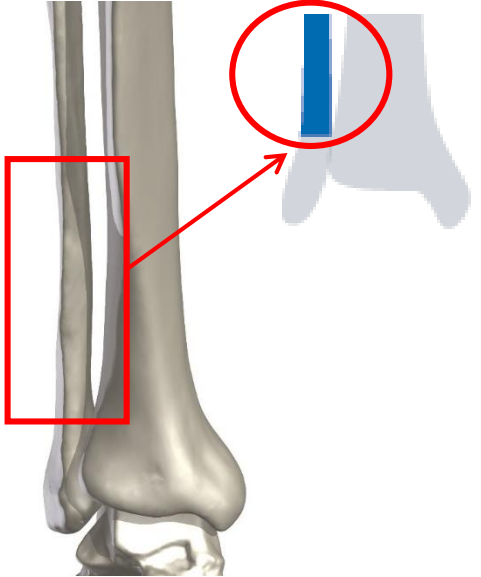


Non-Plate Screws





# Fracture Type: Supra-Syndesmotic



Plates:



**Posterior Distal Fibula Plate**

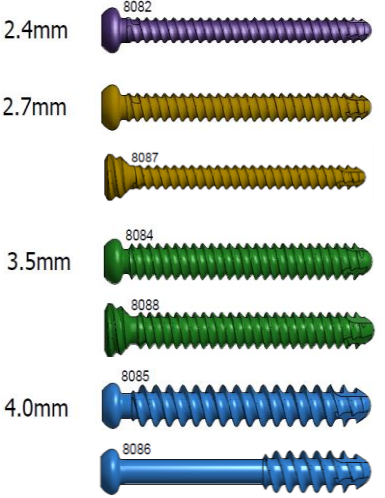


**Lateral Distal Fibula Plate**



**Distal Hook Plate**

Plate Screws



Non-Plate Screws



# Fibonacci Plate Layout

**AOS**  
ADVANCED ORTHOPAEDIC SOLUTIONS

*The Fibonacci sequence appears in human anatomy in connection with the growth of the hand...*

*Fibonacci*  
LOWER EXTREMITY PLATING SYSTEM

0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597, 2584, 4181, 6765, 10946, 17711, 28657, 46368, 75025, 121393

**Anterolateral Distal Tibia Plate**

**Lateral Distal Fibula Plate**

**Posterior Distal Fibula Plate**

**Medial Pilon Plate**

**Posterior Distal Plate**

**L-Plate**

**Oblique T-Plate**

**Semi-Tubular Plate**

**T-Plate 2-hole**

**T-Plate 3-hole**

**Straight Plate**

**Distal Hook Plate**

**Anterior Cortical Rim Plate**

*The Natural* Equation for Ankle Fixation

*The Golden Ratio of AOS*

Patents pending  
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