

Arthroscopic Knee Models

Knee arthroscopic surgery is one of the most commonly practiced orthopedic exercises in sports medicine. In view of this fact, SYNBONE has developed a range of knee models dedicated to arthroscopic surgery training. These models are designed for anchoring exercise, ligament repair/replacement exercise and arthroscopic examination.

The features of SYNBONE arthroscopic knee models are as follows:

- The model can come with either an intact meniscus or with a meniscal defect
- The menisci can be sutured medially and laterally
- Anchors can be placed for an all inside suture technique/ triangulation
- Simulation of 3 types of meniscal defects namely: longitudinal, oblique, and radial tear
- Features joint capsule for more realistic knee anatomy
- The knee insert can be easily installed or removed from the re-usable foam coat with Velcro straps

Each model has a different structural combination. Please refer to the detailed article descriptions below.

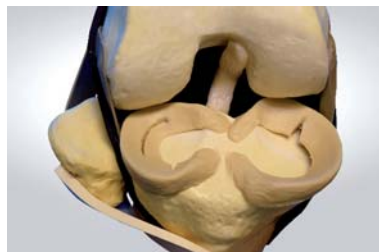
PR1211.1 Knee Ligament Meniscus Foam

Description	Right Knee with Femur, proximal Tibia, Patella, Ligaments and Menisci in foam coat	Fracture	Intact model
Dimensions	Overall length: 720 mm	Remarks	Model used for arthroscopic surgery, cruciate ligament repair/replacement.
Material	Cortical / soft cancellous bone		



PR1528.1 Knee Ligament Meniscus Foam

Description	Right Knee with Femur, proximal Tibia, Patella, Ligaments, PCL, defect menisci and foam coat	Fracture	Intact model with defect menisci longitudinal, oblique, and radial tear
Dimensions	Overall length: 720 mm	Remarks	Model used for arthroscopic surgery, cruciate ligament repair/replacement & menisci repair, single-use model
Material	Cortical / soft cancellous bone		



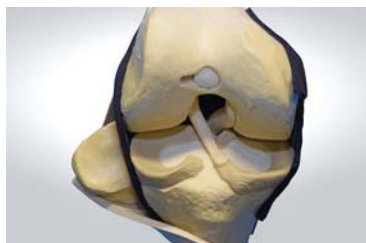
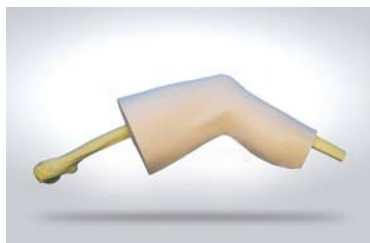
PRODUCT DETAILS

SYNBONE®

better education outcome

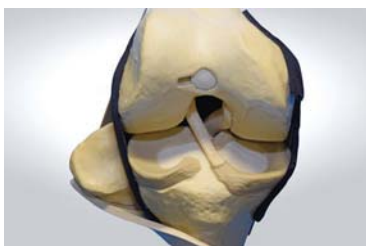
PR1524.1 Knee Arthroscopic Foam multiuse

Description	Right Knee with Femur, proximal Tibia, Patella, Ligaments, intact menisci, PCL, ACL, and foam coat multiuse	Fracture	Intact model
Dimensions	Overall length: 720 mm	Remarks	Model used for arthroscopic surgery, cruciate ligament repair/replacement. Replacement part is available PR1524.10 Knee Insert
Material	Cortical / soft cancellous bone		



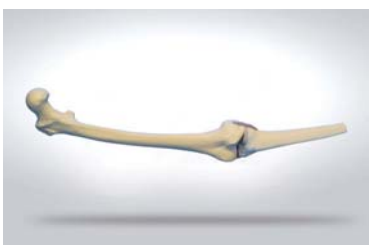
PR1524.10 Knee Insert

Description	Right Knee insert with Femur, proximal Tibia, Patella, Ligaments, intact menisci, PCL and ACL ligaments	Fracture	Intact model
Dimensions	Overall length: 720 mm	Remarks	Used for arthroscopic surgery. Replacement part for PR1524.1 Knee arthroscopic foam
Material	Cortical / soft cancellous bone		



PR1324 Knee Ligament Meniscus

Description	Right Knee with Femur, proximal Tibia, Patella, Ligaments and intact Menisci	Fracture	Intact model
Dimensions	Overall length: 720 mm	Remarks	Model used for menisci repair/replacement
Material	Cortical / soft cancellous bone		



Optional: a knee joint capsule can be added upon request

For suturing exercises, please see our Tibia Plateau models PR0930 and PR1016 described on product info "Menisci Suturing Exercise"

As details make the difference SYNSTONE is your preferred partner for better education outcome.

Customized solutions are also available, please contact us if you need another model definition.

SYNBONE worldwide contact information – sales@synbone.com