Visualize the future of accuracy in anatomic ACL and PCL reconstruction

* 510(k) pending
Because accurate anatomic placement of the graft is essential for successful reconstruction.

Use of the ACUFEX® DIRECTOR APPLICATION Anatomic Guide has been shown to result in more anatomic, more consistent cruciate ligament tunnel placement.

Real-time visualization enables more anatomic ACL accuracy

- Gain insight of the anatomy of the insertion site on femur and tibia
- Overcome skeletal variation among patients
- Evaluate anatomic accuracy of tunnel placement before, during and after a procedure
- Achieve placement accuracy of 1–2 mm
- Facilitate optimal patient outcomes

Intraoperative feedback data can be used to

- Refine tunnel location before drilling
- Achieve anatomic accuracy
- Enable optimal patient outcome

Postoperative feedback data can be used to

- Evaluate repair
- Update/enhance patient record
- Train others visually

System is easy to use, versatile and intuitive

- Adapts seamlessly to various patients, procedures and ORs
More anatomic, more consistent surgeries through fluoroscopy – allowing surgeons to reproducibly define the geometric insertion points of the anteromedial and posterolateral bundles independently of the size and shape of the knee.

Selectable overlay options support a variety of procedures

**Customizable Femoral Grid Overlay**
- Single-bundle ACL
- Single-bundle PCL
- Double-bundle ACL
- Double-bundle PCL

**Single-bundle**
- Single-bundle ACL Femoral
- Single-bundle ACL Tibial
- Single-bundle PCL Femoral

**Double-bundle**
- Double-bundle ACL Femoral
- Double-bundle ACL Tibial
- Double-bundle PCL Femoral

**TECHNIQUE EXAMPLE**

Customizable single-bundle ACL femoral grid overlay option – Radiographic quadrant method adapted from Bernard and Hertel.

Mark intended femoral tunnel location with microfracture awl

Capture lateral x-ray image from C-arm

Use touchscreen or mouse to select the three key anatomic landmarks on the condyle e.g.
- Blumensaat’s line – anterior
- Blumensaat’s line – posterior
- Notch on condyle

ACUFEX DIRECTOR APPLICATION
Anatomic Guide automatically generates overlay
References
2 UPMC Cadaver Study ongoing
3 Zantop T, et al. Tunnel positioning of anteromedial and posterolateral bundles in anatomic anterior cruciate ligament reconstruction: Anatomic and radiographic findings

Related articles

Ordering Information
ACUFEX™ DIRECTOR APPLICATION Anatomic Guide
Reference #  Description
72203260  ACUFEX Director Application, Anatomic Guide System*

System Includes:
72203204  ACUFEX Director Application touchpanel, software and keyboard tray
72203203  Adjustable height rolling monitor stand

* 510(k) pending

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