Clinical Trials Program:

Orthopaedic Surgery
Clinical Trials Team: 2 Faculty, 6 Staff

Faculty
Joe Hart, PhD, ATC
Wendy Novicoff, PhD

Admin
Sarah Spangler

Full Time
Kaitlyn Shank, MEd, ATC

½ Time
Stephan Bodkin, MEd, ATC

Full Time
Brian Urbani, MS, CCRC

½ Time
Rachel Koldenhoven, MEd, ATC

Full Time
Eric McVey, MEd

½ Time
Revay Corbett, MS, ATC

Spine
Hand & Upper Extremity

Pediatrics

Trauma
Adult Reconstruction

Foot & Ankle

Sports Medicine
Clinical Trials Growth: IRB protocols

- IRB-HSR protocols by Department (SOM)*

**Total Number Active Protocols**

- **Normalized to Faculty size**

**Ortho: 67 active protocols (4/2017)**
- 72 active protocols (8/2016)
- 66 active protocols (3/2015)

*GRAPHS SHOW TOP 10 ONLY*
Clinical Research Enrollments

Patients Enrolled

Cumulative Patient Enrollment

University of Virginia Orthopaedic Surgery
Clinical Trials Program Success

• Investment & Buy-in

• The Patient Experience
  – Merge with existing clinical flow
  – Manage scheduling
  – Handle problems with professionalism

• Leverage Healthsystem Resources
  – Clinical Research Units
  – Clinical Trials Office
  – CRISP

• COLLABORATIONS
Medial Knee Unloading Implant

Case 1
VAS: pre=8, post=1.5

Case 2
VAS pre=8.5, postop=6.5

Knee Abduction Moment Pre/Postop

Stance Phase (%)

Preop
Postop
Contralateral

Knee Abduction Moment Pre/Postop

Stance Phase (%)

Preop
Postop
Contralateral

University of Virginia Orthopaedic Surgery
LEAP results
Abstracts.....Manuscripts.....Grants

ACLR Pass Rate by Test

- Timed Hop
- Triple Hop
- Crossover Hop
- Single Hop
- IK Flexion Torque
- IM Flexion Torque
- IKDC
- IM Extension Torque
- IK Extension Torque

Percentage Pass Rates, %

10% or less
11-20%
21% or more
19 y/o Female
MOI: cheerleading
Injury: Left Knee
DOI: November
DOS: January
(M&L menisc)

Muscle Volumes – ACL patients
Future Direction / Priorities

✓ Staff Development
  – Training/Mentoring: monthly meetings, CCRC exam, Clinic Presence

✓ Ortho Clinical Trials Rate Card
  – Approved → moving toward implementation

☑ Patient Reported Outcomes database
  – PROMIS – EPIC – MyChart

☑ Clinical & Translational Research Growth