

ROCK Updates

AAOS Meeting Recap

- The MRI classification is finalized, so team at Cincinnati Children's is developing a system that will allow each ROCK member to upload radiographic images that can be de-identified and stored in the online portal.
- All ROCK members will be added as authors on publications, but placement of authors will depend on contribution. Currently working on a standard proposal for ROCK members to initiate new research ideas.
- Discussed potential outreach efforts via patient-centered handouts and cards directing patients to ROCK website.
- Evan set up each member with a personalized individual login to the ROCK website to access secured cases, patient stories, etc. If you need login info, contact Evan (Evan.Bannister@uphs.upenn.edu).

Penn Cartilage Symposium Recap

- Dr. Carey served as the Co-Director for Penn's annual Cartilage Symposium, which brought together orthopaedic surgeons, basic scientists, and other providers to discuss the latest techniques and innovations in cartilage repair.
- Dr. Lars Peterson served as the keynote speaker for the event, offering his perspective on cartilage and osteochondral injuries with a focus on Autologous Chondrocyte Implantation (ACI). Drs. Hui, Polousky, and Shea also presented at the event, discussing everything from stem cells to challenging surgical cases to quality, cost, and value of cell-based therapies.

Research Coordinator Conference Call

- ROCK research coordinators had their first conference call to discuss the prospective cohort and randomized controlled trial, emphasize the importance of follow-up, and address any questions regarding enrollment, patient tracking, RC turnover, etc. If you do not have an RC, email Eileen (storeye@email.chop.edu) for meeting minutes.

Industry/Financial Update

1. **Allosource** – Commitment for 50K per year (in 25K installments every 6 months) for 3 years.
2. **Vericel** – Agreed to provide corporate sponsorship – 25K in 2016 pending.

Future Directions

- **ROCK elbow expansion (ROCKET)** – Carl Nissen has collected several capitellar OCD cases, but needs more cases (full set of x-rays, MRIs, arthroscopy pictures for each case) to establish classification systems. He is also working with Don Bae (BCH) to create forms for REDCap and to allow for a series of validation steps similar to those for the knee.
- **International** – Dr. Ganley and Dr. Wall are developing a strategy for international involvement, which includes recruiting from South America and initiating a journal club that can facilitate discussions with international colleagues across time zones.
- **Form changes** – The prospective cohort forms are undergoing changes to incorporate features requested by industry support, genetic samples, and all focal cartilage defects. Please email Evan (Evan.Bannister@uphs.upenn.edu) with any other suggestions for form changes.

Upcoming Events

<http://kneecd.org/rock-members/calendar/>



AOSSM

ROCK AOSSM Meeting
July 8, 2016 || 2:30 - 5 PM
Colorado Springs, CO
The Broadmoor Hall D

Case of the Month

Surgeons: Dr. Jay Albright, Dr. Stephanie Mayer, Dr. Jason Rhodes

Institution: Colorado Children's Hospital, Aurora, CO

- Powerpoint of past cases available at <http://kneeocd.org/category/case-discussion/>

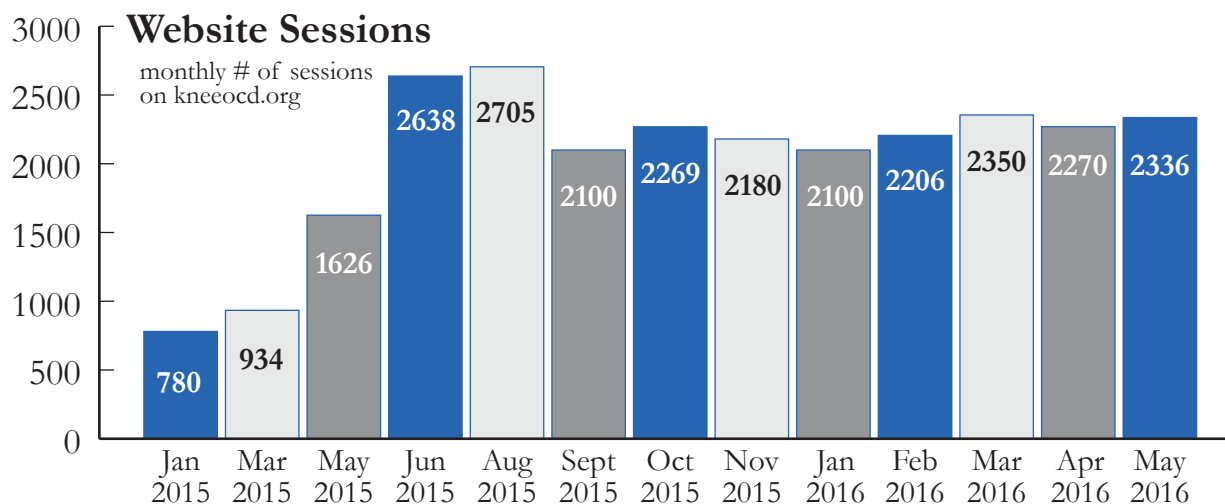
Website Activity

Traffic Updates

- 2,336 sessions (Mar=2,206; Jan=2,100; Nov=2,180; Oct=2,269; Sept=2,100; Aug=2,705; June=2,638)
- 1.53 pages/session (Mar=1.75; Jan=1.7; Nov=1.7; Oct=1.57; Sept=1.5; Aug=1.3; June=1.4)
- 70% new sessions (Mar=66%; Jan=72%; Nov=70%; Oct=76%; Sept=72%; Aug=87%)

Sites before kneeocd.org on google search

- 'knee ocd' = 15 (Mar=19; Jan=21; Nov=20; Oct=20; Sept=21; Aug=17)
- 'Osteochondritis dissecans' = 28 (Mar=45; Jan=45; Nov=60; Oct=50; Sept=39; Aug=40)
- 'knee osteochondritis dissecans' = 26 (Mar=21; Jan=26; Nov=23; Oct=25; Sept=22; Aug=36)
- 'osteochondritis dissecans of the knee' = 28 (Mar=20; Jan=28; Nov=27; Oct=29; Sept=26; Aug=25)



Recent ROCK Publications

<http://kneeocd.org/rock-members/literature-review/>

Novel Arthroscopic Classification of Osteochondritis Dissecans of the Knee: A Multicenter Reliability Study.

Carey JL, Wall EJ, Grimm NL, Ganley TJ, Edmonds EW, Anderson AF, Polousky J, Murnaghan ML, Nissen CW, Weiss J, Lyon RM, Chambers HG; Research in OsteoChondritis of the Knee (ROCK) Group. Am J Sports Med. 2016 Apr 6. [Epub ahead of print].

The Incidence of Surgery in Osteochondritis Dissecans in Children and Adolescents.

Weiss JM, Nikizad H, Shea KG, Gyurdzhyan S, Jacobs JC, Cannamela PC, Kessler JI. Orthop J Sports Med. 2016 Mar 16;4(3).

Magnetic Resonance Imaging of Osteochondritis Dissecans: Validation Study for the ICRS Classification System.

Ellermann JM, Donald B, Rohr S, Takahashi T, Tompkins M, Nelson B, Crawford A, Rud C, Macalena J. Acad Radiol. 2016 Jun;23(6):724-9.

Prospective Cohort/RCT Update

PC Enrollment

Site	# Enrolled
Connecticut Children's Med Ctr	51
Children's Hospital of Philadelphia	47
St. Luke's Intermountain	34
Texas Scottish Rite Hospital	33
Medical College of Wisconsin	25
Cincinnati Children's Hospital	25
Rady Children's Hospital	20
Tennessee Orthopaedic Alliance	18
Hospital for Special Surgery	12
Washington Univ St. Louis	10
Penn	7
University of MN/TRIA	2
Children's Mercy Kansas City	2
Boston Children's Hospital	0
Kaiser Permanente	0
Children's Ortho of Atlanta	0
Children's National Health System	0
Cleveland Clinic	0
Colorado Children's Hospital	0
Andrews Institute Children's Health	0
Hospital for Sick Children	0
University of Gothenburg	0
Asklepios Clinic St. Georg Hamburg	0
National University Health System	0

If you have any questions, please contact ROCK@uphs.upenn.edu If you are IRB approved and a Data Sharing Agreement has been fully executed, please begin enrolling and sending data to Penn. If you are IRB approved but pending Data Sharing Agreement finalization, please begin enrolling, but hold off on sending forms.

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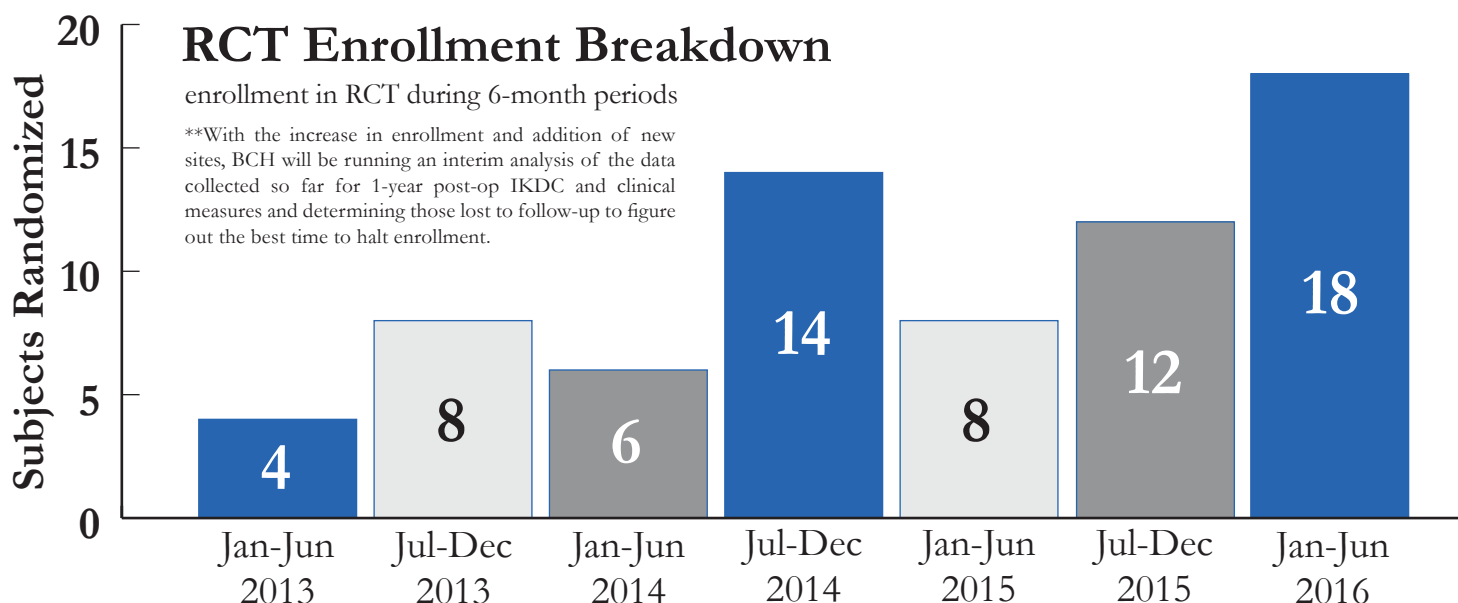
RCT Enrollment

If you have questions, contact Kyna Donohue at BCH: Kyna.Donohue@childrens.harvard.edu || 857-218-3272

Site	Surgeon	# in RCT	# in past month
Boston Children's Hospital	Heyworth	19	2
Children's Hospital of Philadelphia	Ganley	10	1
Rady Children's Hospital	Edmonds	8	0
Connecticut Children's Medical Ctr	Nissen	6	0
St. Luke's Intermountain	Shea	5	0
Medical College of Wisconsin	Lyon	5	1
Cincinnati Children's Hospital	Wall	4	0
Hospital for Sick Children	Murnaghan	2	0
Rady Children's Hospital	Chambers	2	0
Connecticut Children's Medical Ctr	Milewski	2	1
Hospital for Special Surgery	Green	1	0
Kaiser Permanente	Weiss	1	0
Boston Children's Hospital	Kocher	1	0
Tennessee Orthopaedic Alliance	Anderson	1	0
Rocky Mountain	Polousky	1	0
Washington University of St. Louis	Wright	1	0
Washington University of St. Louis	Nepple	1	0
Penn	Carey	0	0
		70	5

Randomization

1. Call Kyna Donohue (office number 857-218-3272 or cell number 857-321-1497) or Greg Myer (cell number 513-404-4382). Details are also available on the ROCK Website.
2. Enroll and randomize yourself (option #1 may not be available without planning ahead)
 1. Enroll patient
 - <https://rockstudygroup.research.cchmc.org/auth/login>
 - Select 'Enroll patient' from the tab on top of the page
 - Enter site, Patient ID (only include last 3 digits and laterality)
 - Select 'Consented'
 - Prompted to enter eligibility criteria, including activity restriction and NWB
 2. Randomize Patient
 - <https://rockstudygroup.research.cchmc.org/auth/login>
 - Must use **SURGEON ACCOUNT** to randomize.
 - From login, select 'Patients' from tab on top of the page
 - Find the patient ID
 - Select corresponding blue 'Randomize Patient' button on the right side of the page



Committee Lists

Board of Directors

Allen Anderson
Jim Carey = ROCK President (2016-17)
Eric Edmonds
Ted Ganley = 2nd Vice President

Ben Heyworth
Matt Milewski
Greg Myer
Jeff Nepple
Carl Nissen = Treasurer

John Polousky = 1st Vice President
Kevin Shea = Ex-President (2010-16)
Eric Wall
Jen Weiss

Imaging/Classification

- **Greg Myer = Co-Chair**
- **Eric Wall = Co-Chair**
- **Andrew Zbojniec = Co-Chair**
- Don Bae
- Jutta Ellermann
- Peter Fabricant
- Ted Ganley
- Ben Heyworth
- Victor Ho Fung
- Tal Laor
- Matt Milewski
- Andrew Pennock
- John Polousky
- Suzanne Walters

Education/Media

- **Matt Milewski = Education Co-Chair**
- **John Polousky = Education Co-Chair**
- **Ben Heyworth = Media Co-Chair**
- **Jen Weiss = Media Co-Chair**
- Hank Chambers
- Roger Lyon
- Stephanie Mayer
- Lucas Murnaghan
- Carl Nissen
- Marc Tompkins

Membership/Bylaws

- **John Polousky = Co-Chair**
- **Ted Ganley = Co-Chair**
- Hank Chambers
- Henry Ellis
- Peter Fabricant
- Nate Grimm
- Kevin Latz
- Carl Nissen
- Paul Saluan
- Kevin Shea
- Phillip Wilson

PT/Non-Op

- **Greg Myer = Co-Chair**
- **Carl Nissen = Co-Chair**
- Mike Busch
- Lucas Murnaghan
- Mark Paterno
- Andrew Pennock
- Paul Saluan
- Cliff Willimon

International

- **Ted Ganley = Co-Chair**
- **Eric Wall = Co-Chair**
- Jay Albright
- James Hui Hoi Po
- Norbert Meenen
- Lars Peterson

Research/Publication

- **Allen Anderson = Co-Chair**
- **John Polousky = Co-Chair**
- Jim Carey
- Cathy Carlson
- Eric Edmonds
- Henry Ellis
- Peter Fabricant
- Nate Grimm
- Ben Heyworth
- Stephanie Mayer
- Greg Myer
- Jeff Nepple
- Kevin Shea
- Eric Wall
- Rick Wright

Financial/Industry

- **John Polousky = Co-Chair**
- **Carl Nissen = Co-Chair**
- Allen Anderson
- Mike Busch
- Eric Edmonds
- Dan Green
- Kevin Latz
- Kevin Shea
- Eric Wall
- Jen Weiss

All committees should meet before the next BOD meeting on June 7. Each committee will have to provide an update at the AOSSM meeting on July 8 in Colorado.

If you have any interest in joining one of these committees, please contact Jim Carey.

If you have not paid your dues/initiation fees, please do so immediately.

