

## ROCK Updates

### Annual ROCK Meeting Recap

- **MRI Classification** – reviewed classification system with Andy Zbojniec and Eric Wall and discussed features of imaging with reliable agreement. Future classification systems for 3T MRI, elbow, and talus.
- **PT protocols** – reviewed and finalized standard preop/postop protocols presented by Mark Paterno.
- **Demo of imaging portal** – Cincinnati Children's presented imaging portal that will facilitate reliability research and deidentified image storage.
- **First annual ROCK speech** – Thanks to Carl Nissen for presenting on the management of PF disorders and reminding all of us about the distinction between serving as a surgeon and a father.
- **Research presentations** – Thanks to Drs. Olstad, Carlson, Ellerman, Kessler, Weiss, and Ganley for presenting on a variety of novel research projects involving veterinary, imaging, epidemiological, and genetic approaches to studying osteochondritis dissecans.

### Industry/Financial Update

1. **Allosource** – Reviewed final contract and preparing to sign off with CEO, Tom Cycota. Commitment for 50K per year (in 25K installments every 6 months) for a duration of 3 years.
2. **Breg/Bledsoe** – Putting together contract of 50K in 25K installments for ROCK to review.
3. **Össur** – Still working out the details of putting together a proposal for ROCK but highly interested in collaborative research with our group.
4. **MRI Imaging Reliability Study** – Grant application submitted January 2016 to fund MRI classification study.

### Future Directions

- **ROCK elbow expansion (ROCKET)** – Carl Nissen is gathering capitellar OCD cases (full set of x-rays, MRIs, and arthroscopy pictures for each case) to help create a reliable and valid classification system.
- **Genetics** – Dr. Ganley and Dr. Carey are working with their research teams and IRBs to modify the existing prospective cohort to allow genetic samples to be sent from all ROCK sites to the Center for Applied Genomics at CHOP for sequencing.

## Upcoming Events

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

POSNA Annual Meeting: April 27-30, 2016

AOSSM Annual Meeting: July 7-10, 2016



The American Orthopaedic Society for Sports Medicine



# ROCK Website Updates ([www.kneeocd.org](http://www.kneeocd.org))

## Case of the Month

Surgeon: Dr. Bradley Nelson

Institution: University of Minnesota, Minneapolis, MN

- Powerpoint of past cases available at <http://kneeocd.org/category/case-discussion/>
- Upcoming cases – March 2016: CHOP, April 2016: Cincinnati; May 2016: Rocky Mountain; June 2016: Team Ortho; July 2016: San Diego (Rady Children's); August 2016: St. Luke's Intermountain

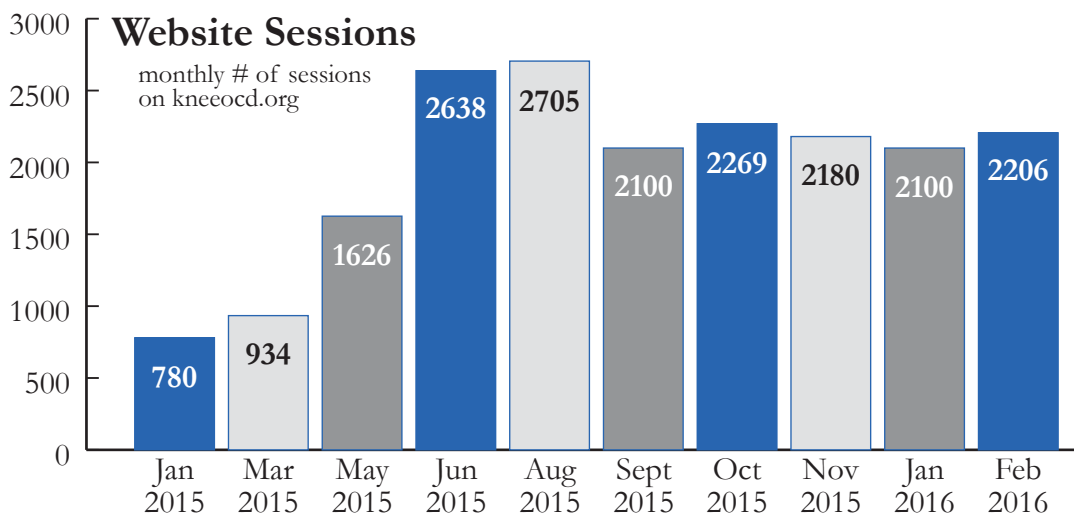
## Website Activity

### Traffic Updates

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

### Sites before kneeocd.org on google search

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



## Journal Club

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

- PDFs available on the ROCK website

### Classification and assessment of juvenile osteochondritis dissecans knee lesions

Tyler J. Uppstrom, Elizabeth B. Gausden, Daniel W. Green

Curr Opin Pediatr. 2016 Feb; 28(1):60-7.

doi: 10.1097/MOP.0000000000000308



# Prospective Cohort Update

## PC IRB Status

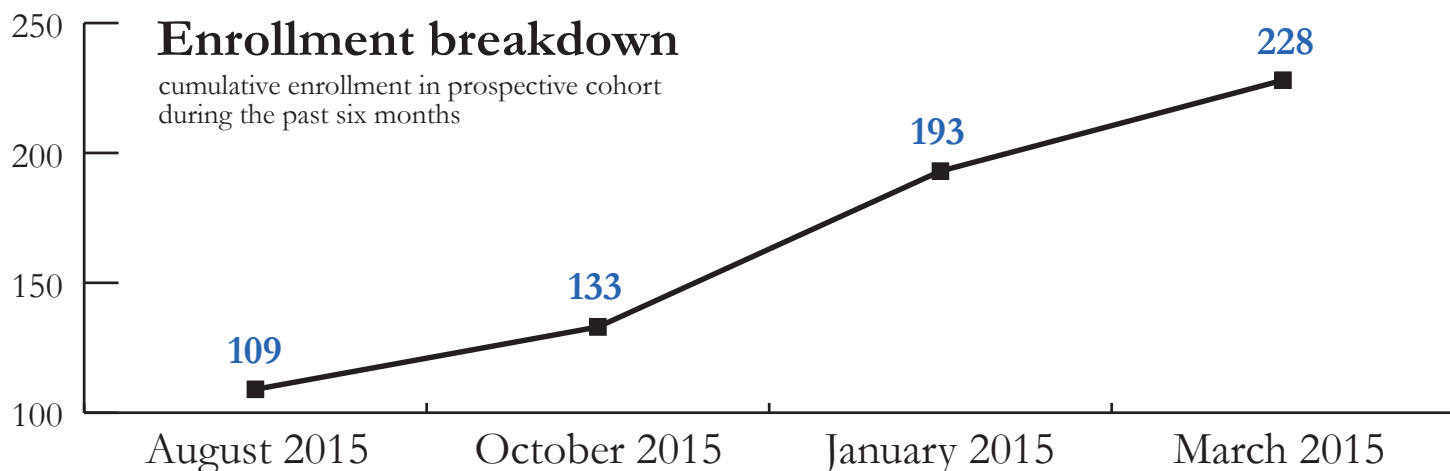
Site	Status
Connecticut Children's Med Ctr	Approved
St. Luke's Intermountain	Approved
Tennessee Orthopaedic Alliance	Approved (Pending DUA)
Rady Children's Hospital	Approved
Rocky Mountain	Approved
Medical College of Wisconsin	Approved
Washington Univ St. Louis	Approved
Children's Hospital of Philadelphia	Approved
Penn	Approved
Cincinnati Children's Hospital	Approved
Boston Children's Hospital	Approved
Kaiser Permanente	Approved (Pending DUA)
Hospital for Special Surgery	Approved
Children's Ortho of Atlanta	Approved
University of MN/TRIA	Approved (Pending DUA)
Texas Scottish Rite Hospital	Approved (Pending DUA)
Children's National Health System	Approved
Children's Mercy Kansas City	Approved
Cleveland Clinic	Approved
Hospital for Sick Children	Submitted (Pending DUA)
Andrews Institute Children's Health	Submitting
Colorado Children's Hospital	Submitting
University of Gothenburg	Unknown
Asklepios Clinic St. Georg Hamburg	Unknown
National University Health System	Unknown

## PC Enrollment

Rank	Site	# Enrolled
1	Connecticut Children's Med Ctr	49
2	Children's Hospital of Philadelphia	36
3	St. Luke's Intermountain	27
4	Medical College of Wisconsin	25
5	Tennessee Orthopaedic Alliance	17
6	Rady Children's Hospital	17
7	Texas Scottish Rite Hospital	16
8	Cincinnati Children's Hospital	12
9	Rocky Mountain	11
10	Washington Univ St. Louis	10
11	Penn	6
12	University of MN/TRIA	2
13	Boston Children's Hospital	0
14	Kaiser Permanente	0
15	Hospital for Special Surgery	0
16	Children's Ortho of Atlanta	0
17	Children's National Health System	0
18	Children's Mercy Kansas City	0
19	Cleveland Clinic	0
20	Hospital for Sick Children	0
21	Andrews Institute Children's Health	0
22	Colorado Children's Hospital	0
23	University of Gothenburg	0
24	Asklepios Clinic St. Georg Hamburg	0
25	National University Health System	0

If you have any questions, please contact [ROCK@uphs.upenn.edu](mailto: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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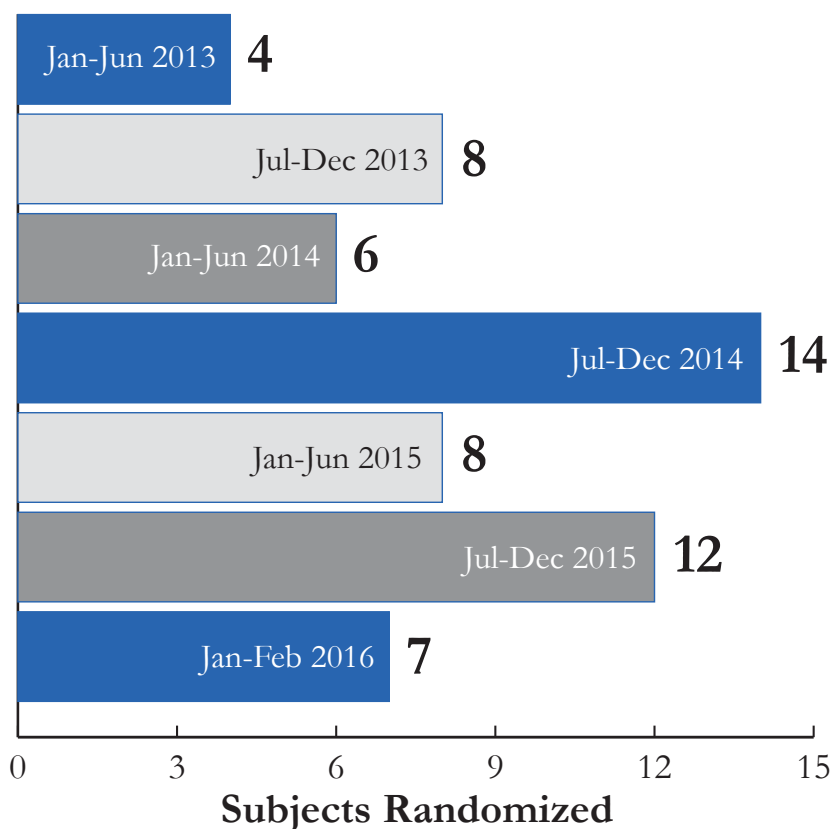
# Randomized Controlled Trial Update

## RCT IRB Status

Site	Status
Connecticut Children's Med Ctr	Approved
St. Luke's Intermountain	Approved
Tennessee Orthopaedic Alliance	Approved
Rady Children's Hospital	Approved
Rocky Mountain	Approved
Medical College of Wisconsin	Approved
Washington Univ St. Louis	Approved
Children's Hospital of Philadelphia	Approved
Penn	Approved
Cincinnati Children's Hospital	Approved
Boston Children's Hospital	Approved
Kaiser Permanente	Approved
Hospital for Special Surgery	Approved (Pending DUA)
Children's Ortho of Atlanta	Approved
University of MN/TRIA	Submission Pending
Texas Scottish Rite Hospital	Approved (Provisional)
Children's National Health System	Approved
Children's Mercy Kansas City	Unknown
Cleveland Clinic	Submitted
Hospital for Sick Children	Approved
Andrews Institute Children's Health	Submitting
Colorado Children's Hospital	Unknown
University of Gothenburg	Unknown
Asklepios Clinic St. Georg Hamburg	Unknown
National University Health System	Submitted

## Enrollment breakdown

enrollment in RCT during 6-month periods



## RCT Enrollment

Rank	Site	Surgeon	# in RCT	# in past month
1	Boston Children's Hospital	Heyworth	15	0
2	Children's Hospital of Philadelphia	Ganley	8	1
3	Rady Children's Hospital	Edmonds	7	1
3	Connecticut Children's Medical Ctr	Nissen	6	0
4	St. Luke's Intermountain	Shea	4	0
4	Cincinnati Children's Hospital	Wall	4	0
4	Medical College of Wisconsin	Lyon	4	0
5	Hospital for Sick Children	Murnaghan	2	0
6	Rady Children's Hospital	Chambers	1	0
6	Hospital for Special Surgery	Green	1	0
6	Kaiser Permanente	Weiss	1	0
6	Boston Children's Hospital	Kocher	1	0
6	Connecticut Children's Medical Ctr	Milewski	1	0
6	Tennessee Orthopaedic Alliance	Anderson	1	0
6	Rocky Mountain	Polousky	1	0
6	Washington University of St. Louis	Wright	1	0
6	Washington University of St. Louis	Nepple	1	0
7	Penn	Carey	0	0
			<b>59</b>	<b>2</b>

## 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 (because 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 course of 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 and clinic on it

If you have any questions, please contact Kyna Donohue at BCH: [Kyna.Donohue@childrens.harvard.edu](mailto:Kyna.Donohue@childrens.harvard.edu) || 857-218-3272