

# ROCK

Research in OsteoChondritis of the Knee

-Newsletter-

Volume 11 | | October 2015

## Upcoming Events and Meetings

[www.kneeocd.org/rock-members/calendar/](http://www.kneeocd.org/rock-members/calendar/)

- **Sunday 11/1/15:** PRISM 2016 Annual Meeting Abstract Deadline
- **Tuesday 11/3/15:** AOSSM 2016 Annual Meeting Abstract Deadline, 12 PM (noon) CT
- **Tuesday 11/10/15:** ROCK Journal Club Meeting, 9 PM EST, 1 (877)621-0220, code 780631
- **Monday 11/17/15:** ROCK BOD Meeting, Conference Call
- **January 26-28, 2016:** ROCK Meeting, San Diego, CA  
**\*\*Get your hotel reservations for the ROCK Meeting in San Diego ASAP, to take advantage of the ROOM BLOCK**
- **January 28-30, 2016:** PRISM Meeting, San Diego, CA

## ROCK Updates

1. **Imaging Classification Committee:** The imaging committee has completed the MRI classification system. Next steps to include: 1. Final Review by Image Classification Group 2. Dissemination to all members for review. 3. ROCK Group Review at annual meeting, Jan 2016
2. **Research Funding.**
  - a. Allosource. Committed 50K/year for 3 years for unrestricted educational grant
  - b. BREG - Positive response from the Clinical Review Committee, will make final decision and inform ROCK by Oct 26, 2015
  - c. OSSUR considering support for Prospective Cohort to study to look at outcomes for unloader braces for OCD treatment
  - d. MRI Imaging Reliability Study. Radiologic Society of North American – Grant application may be submitted Jan, 2016, to fund MRI Classification study. Special Thanks to Jutta Ellerman, Greg Myer, Peter Cannamela, for work on this project
3. **Image Storage.** Cincinnati Childrens is working to develop a portal, both for reliability research, and for de-identified image storage. Expect more details by Jan, 2016. This may allow us to complete the MRI reliability study at lower cost and offer excellent storage and review for the images from the prospective cohort.

## In This Issue

PAGE 1-2

UPCOMING EVENTS AND MEETINGS

ROCK UPDATES

PAGE 3

STUDY UPDATES:  
IRB STATUS  
&  
ENROLLMENT NUMBERS

PAGE 4

ROCK WEBSITE  
UPDATES

JOURNAL CLUB

# ROCK Updates Continued

4. **ROCK Journal Club** – Check the ROCK Website for articles. Tuesday, November 10<sup>th</sup>
5. **ROCK HOME Page**. Please designate ROCK Website as your home page on your browser. This will increase our web ranking for OCD as a search topic, and increase the chances of patients finding this website when searching for OCD. Those who do so will be eligible for the Jim Carey “Chick-Fil-A Play of the Day Award” at the annual meeting.
6. **ROCK talus/Elbow Expansion**. Discussion about this expansion are scheduled for Oct 28. For members with strong interest in these areas, please contact Carl Nissen.
7. **REDCAP**. We will continue to use our Teleform/Optiform based program, but are also looking more closely at REDCAP. A task force will review REDCAP, and develop recommendations for the BOD, and will be reviewed with general ROCK membership at annual meeting
8. **IRB Approvals**. Several of our newest centers have IRB approval. We look forward to adding new sites for the RCT Trans-articular/Retro-articular Drilling, and for the Prospective Cohort.
9. **ROCK Study Group Contact List** – Now available on the website at <http://kneeoed.org/rock-members/rock-studies/>
10. **Publications:**
  - a. **ROCK Arthroscopy Classification** under revisions for AJSM – Great Work – Jim Carey and all the others who have worked on this project.
  - b. **ROCK OCD Treatment Variation** – Ben Heyworth will circulate a draft for member review in the next 2 weeks and plan to submit to AJSM.
  - c. **OCD Adult – Kaiser Database** – Thanks to Jen Weiss, Jeff Kessler, Jake Jacobs and Peter Cannamela for ongoing work on this. Soon to be submitted to AJSM, in final revision stage now.
  - d. **OCD Progression to Surgery** – TO be submitted to OJSM. Great work by Jen, Jeff, Jake and Peter.
  - e. **OCD Healing Sequence**. Continued efforts by Eric Wall, Greg Myer and Others – Peter Fabricant helped greatly with his review, and feedback on stats/analysis. Revised manuscript and is almost ready for submission, and Eric will send out a draft very soon for member review.

# IRB and Enrollment Updates

## PC IRB Status

| Site                              | Status                  |
|-----------------------------------|-------------------------|
| Connecticut Children's Med Ctr    | Approved                |
| St Lukes Intermountain            | Approved                |
| TOA                               | Approved (Pending DUA)  |
| Rady Children's Hospital          | Approved                |
| Rocky Mountain                    | Approved                |
| Medical College of Wisconsin      | Approved                |
| Washington U St Louis             | Approved                |
| CHOP                              | Approved                |
| Penn                              | Approved                |
| Cincinnati Children's Hospital    | Approved                |
| Boston Children's                 | Approved                |
| Kaiser Permanente                 | Approved (Pending DUA)  |
| Hospital for Special Surgery      | Submitted               |
| Children's Ortho of Atlanta       | Approved (Pending DUA)  |
| University of MN/TRIA             | Submitted               |
| Texas Scottish Rite Hospital      | Approved (Pending DUA)  |
| Children's National Health System | Approved (Pending DUA)  |
| Children's Mercy Kansas City      | Submitted               |
| Cleveland Clinic                  | Submitted               |
| Gothenburg                        | Unknown                 |
| Altona Children's Hospital        | Unknown                 |
| Hospital for Sick Children        | Submitted (Pending DUA) |
| National University Health System | Unknown                 |

## PC Enrollment

| Rank  | Site                              | # Enrolled |
|-------|-----------------------------------|------------|
| 1     | Connecticut Children's Med Ctr    | 27         |
| 2     | Medical College of Wisconsin      | 22         |
| 3     | St Lukes Intermountain            | 19         |
| 4     | TOA                               | 17         |
| 5     | CHOP                              | 15         |
| 6     | Rady Children's Hospital          | 12         |
| 7     | Rocky Mountain                    | 11         |
| 8     | Washington U St Louis             | 8          |
| 9     | Penn                              | 2          |
| 10    | Cincinnati Children's Hospital    | 0          |
| 10    | Boston Children's                 | 0          |
| 10    | Kaiser Permanente                 | 0          |
| 10    | Hospital for Special Surgery      | 0          |
| 10    | Children's Ortho of Atlanta       | 0          |
| 10    | University of MN/TRIA             | 0          |
| 10    | Texas Scottish Rite Hospital      | 0          |
| 10    | Children's National Health System | 0          |
| 10    | Children's Mercy Kansas City      | 0          |
| 10    | Cleveland Clinic                  | 0          |
| 10    | Gothenburg                        | 0          |
| 10    | Altona Children's Hospital        | 0          |
| 10    | Hospital for Sick Children        | 0          |
| 10    | National University Health System | 0          |
| Total |                                   | 133        |

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.

## RCT IRB Status

| Site                              | Status                 |
|-----------------------------------|------------------------|
| Connecticut Children's Med Ctr    | Approved               |
| St Lukes Intermountain            | Approved               |
| TOA                               | Approved               |
| Rady Children's Hospital          | Approved               |
| Rocky Mountain                    | Approved               |
| Medical College of Wisconsin      | Approved               |
| Washington U St Louis             | Approved               |
| CHOP                              | Approved               |
| Penn                              | Approved               |
| Cincinnati Children's Hospital    | Approved               |
| Boston Children's                 | Approved               |
| Kaiser Permanente                 | Approved               |
| Hospital for Special Surgery      | Submitted              |
| Children's Ortho of Atlanta       | Submission Pending     |
| 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                  | Submission Pending     |
| Gothenburg                        | Unknown                |
| Altona Children's Hospital        | Unknown                |
| Hospital for Sick Children        | Approved               |
| National University Health System | Submitted              |

## RCT Enrollment

| Rank  | Site                           | Surgeon   | # Randomized | Randomized within last month? |
|-------|--------------------------------|-----------|--------------|-------------------------------|
| 1     | Boston Children's Hospital     | Heyworth  | 13           | 1                             |
| 2     | Rady Children's Hospital       | Edmonds   | 6            | 2                             |
| 3     | Connecticut Children's Med Ctr | Nissen    | 5            | 0                             |
| 4     | St Lukes Intermountain         | Shea      | 4            | 0                             |
| 5     | Cincinnati Children's Hospital | Wall      | 3            | 0                             |
| 5     | Medical College of Wisconsin   | Lyon      | 3            | 0                             |
| 5     | CHOP                           | Ganley    | 3            | 1                             |
| 6     | Hospital for Sick Children     | Murnaghan | 2            | 0                             |
| 7     | Kaiser Permanente              | Weiss     | 1            | 0                             |
| 7     | Boston Children's Hospital     | Kocher    | 1            | 0                             |
| 7     | Connecticut Children's Med Ctr | Milewski  | 1            | 0                             |
| 7     | Tennessee Orthopaedic Alliance | Anderson  | 1            | 0                             |
| 7     | Rocky Mountain                 | Polousky  | 1            | 0                             |
| 7     | Washington U St Louis          | Wright    | 1            | 0                             |
| 7     | Washington U St Louis          | Nepple    | 1            | 0                             |
| 8     | Penn                           | Carey     | 0            | 0                             |
| 8     | Rady Children's Hospital       | Chambers  | 0            | 0                             |
| Total |                                |           | 46           | 4                             |

If you have any questions, please contact Kyna Donohue at Boston Children's Hospital

[Kyna.Donohue@childrens.harvard.edu](mailto:Kyna.Donohue@childrens.harvard.edu) || 857-218-3272)



Children's National  
Health System



The Children's Hospital of Philadelphia  
Hope lives here.



St. Luke's Sports Medicine  
THE HOSPITAL FOR SICK CHILDREN



Washington University in St. Louis  
SCHOOL OF MEDICINE



# ROCK Website Updates

[www.kneeocd.org](http://www.kneeocd.org)

*Note: All ROCK study documents are available in the 'ROCK MEMBERS' page under 'ROCK Studies'*

## Case of the Month

**PowerPoint of past cases  
available at**

<http://kneeocd.org/category/case-discussion/>

**Surgeon:** Dr. Daniel Green

**Institution:** Hospital for Special  
Surgery, New York City, NY

### Upcoming:

November 2015- Cleveland  
December 2015- Connecticut  
January 2016-LA Kaiser  
February 2016-Childrens of Wisconsin  
March 2016-CHOP  
April 2016-Cincinnati  
May 2016-Rocky Mountain  
June 2016- Tenn Ortho  
July 2016-San Diego  
August 2016 -St. Lukes Intermountain

## Traffic Updates

- **2,269 sessions** (September = 2,100; August = 2,705; June=2,638; May =1,626; March = 934; Jan. = 780)
- **1.57 page views per session** (October=1.5; August =1.3; June=1.4; May = 1.6; March = 2)
- **72% new sessions** (October=76%; August =87%; June=89%; May = 86%; March = 80 %)

## **# OF SITES APPEARING BEFORE Kneeocd.org, BASED ON GOOGLE SEARCHES:**

- **'knee ocd' = 20** (Sept=21; Aug=17)
- **'Osteochondritis dissecans'=50** (Sept=39; Aug=40)
- **'knee osteochondritis dissecans'=25** (Sept=22; Aug=36)
- **'osteochondritis dissecans of the knee' = 29** (Sept=26; Aug=25 )

**ROCK Study Group Contact list is now available  
(<http://kneeocd.org/rock-members/rock-studies/>)**

# Journal Club

<http://kneeocd.org/rock-members/literature-review/> (PDFs available on the ROCK website)

## Candidate Loci are Revealed by an Initial Genome-wide Association Study of Juvenile Osteochondritis Dissecans

Joseph L. Yellin, BA, Ashley Trocle, BAS, Struan F.A. Grant, PhD, Hakon Hakonarson, MD, PhD, Kevin G. Shea, MD, and Theodore J. Ganley, MD  
J Pediatr Orthop

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