

General Updates

Finances \$

- If you haven't already, please complete your membership contribution of \$5,000 (501c3, tax deductible donation) – letter included below
- Contact Ryan Sanborn (Ryan.Sanborn@childrens.harvard.edu) for an invoice

Data Use Agreement

- The participating site agreement has been circulated to most sites
- If you have questions/status updates, contact (Christina.Anderson@childrens.harvard.edu)
- The agreement allows CORTICES to execute one agreement for ALL future retrospective studies through one central location

Website

- Check out our www.cortices.org!

General Updates (continued)

Fall Meeting Details!

- **When:** October 26th and 27th, 2018
- **Where:** Boston, MA
- Contact Max.Mangs@childrens.harvard.edu with questions

Study Proposal Form (SPF)

- The SPF is **required** for submission of CORTICES study ideas for 2019-2020
- Please submit to the CORTICES Research Committee (Keith Baldwin, Rachel Goldstein, Ying Li; contact information located on the form, at the end of this newsletter)
- The Committee will evaluate submissions by the October Meeting and will choose a subset for the CORTICES group to move forward with during the 2018-2019 year

CORTICES at POSNA

MSKI (Economic Burden)

Won Best Poster Award

Floating Knee

Presented on data compiled from 8 centers

VTE

Presented initial BCH data



Tier 2 MSKI

Status of Data Entry

- New variables were added to the REDCap and some variables were edited slightly
- **The REDCap is now ready for data entry**
- Please read the (SoP) for Data Entry, which was sent out to each institution
- Make sure to use the VODIS table in the original protocol to determine infection severity
- If REDCap asks if you would like to erase a current field, PRESS CANCEL

GOAL

- For each institution to have complete data on 50 patients in the database by September 1, 2018

VTE after Pediatric Orthopaedic Surgery

Status of Data Entry

- Primary aims of the study: determine the incidence of VTE in pediatric orthopedics and determine orthopedic-specific risk factors
- DUAs and IRB approval underway
- If you are able, please start identifying an eligible cohort at your institution
- Contact Ryan.Sanborn@childrens.harvard.edu with questions

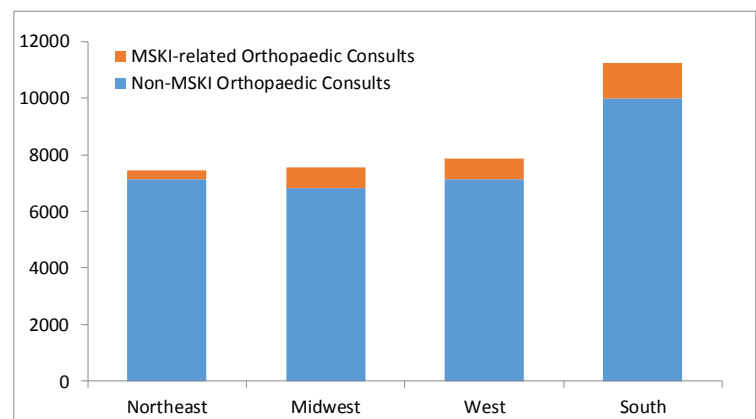
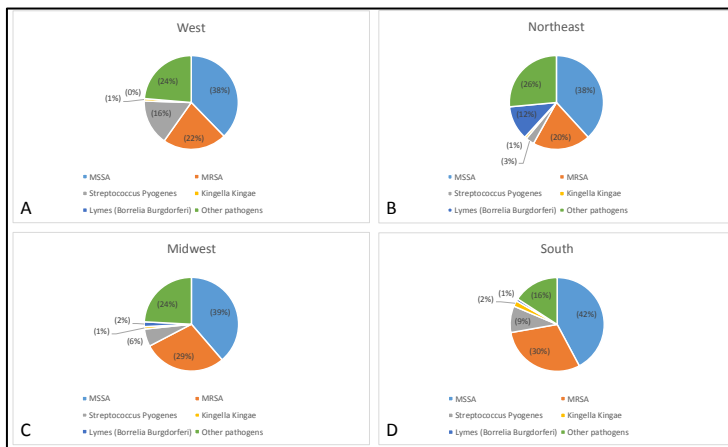
GOALS

- Begin data entry by August 1, 2018
- Have each center contribute at least 50 VTEs (non-orthopedic & orthopedic combined)

Infection Study Update

➤ Tier 1 Summary – Paper to be submitted shortly!

- The Northeast had a significantly increased number of consults per year compared to the South, West, and Midwest
- MSKI Burden was found to be the highest in the South and lowest in the Northeast
- MSKI related consults accounted for 1.2 consultations/provider per month
- Blood/tissue cultures were positive in 36% of MSKI consultations



Study Proposal Form

CORTICES Study Group

Study Proposal Form – Please Complete All Fields

Today's Date:

Project Title:

Principle Investigator, Institution:

Clinical Questions and Specific Aims
1. Primary clinical question
2. Secondary clinical question (if applicable)
3. Specific aim(s) and hypothesis

Key Methodology
1. Prospective, retrospective, QI?
2. Inclusion criteria
3. Exclusion criteria

Outcome Measures

Literature Review
Please provide 2 to 5 resources relevant to your topic.

Submit this completed form to Keith Baldwin (baldwink@email.chop.edu), Rachel Goldstein (rgoldstein@chla.usc.edu), and Ying Li (yli.varban@gmail.com).

To Whom It May Concern:

The Children's OOrthopaedic Trauma and Infection Consortium for Evidence Based Study (**CORTICES**) is a multicenter pediatric orthopaedic trauma research group consisting of nineteen participating institutions across the United States. We aim to be at the forefront of pediatric trauma research by conducting multicenter studies that improve the quality, safety, and value of care delivered to children suffering from orthopaedic trauma and infection.

CORTICES had its first meeting in Las Vegas at the AAOS in 2015. Over the last three years we have been successful in securing a POSNA directed research grant (\$50,000) to investigate the regional variation and epidemiology of musculoskeletal infection across the United States. To date we have created a working database of over 9,000 pediatric musculoskeletal infections. The results of this research project will have significant impact across the field of pediatric orthopedics. We plan to begin presenting our results from this research over the next 6 months.

In order to help supplement the costs associated with running a multi-center research consortium and maintaining our research databases, we are asking each **CORTICES** institution to contribute a one-time \$5,000 membership fee. As **CORTICES** is currently in its infancy, all of our financial resources will be stored within the Children's Orthopaedic Surgery Foundation (COSF). COSF is a 501c3 organization, whose members include the orthopedic surgeons at Boston Children's Hospital. All contributions to **CORTICES** are tax-deductible and will be directed through COSF to the **CORTICES** research fund.

The Executive Committee of the Board of Directors (5 active members of **CORTICES** from 5 different institutions) will direct the financial distribution and initiatives of **CORTICES**. The first financial initiative of the group is the creation of a website at WWW.CORTICES.ORG, where all participating institutions will be recognized with hyperlinked information to each specific orthopaedic department. This website will also promote research organization, study recruitment support, and up-to-date information on study goal and progress. In addition, we plan to use these membership funds to supplement the salary of a data manager for our musculoskeletal infection database, as well as to help monitor future multi-center studies which we plan to begin this fall. Future decisions about funding will be made by the Board of Directors.

Please contact Ryan.Sanborn@childrens.harvard.edu if you would like an invoice, a copy of our W9, or have further questions.

Thank you for your time and consideration.

CORTICES Executive Committee

Scott Rosenfeld, Texas Children's Hospital
Jonathan Schoenecker, Monroe Carell Jr Children's Hospital at Vanderbilt
Benjamin Shore, Boston Children's Hospital
David Spence, Le Bonheur Children's Hospital
Salil Upasani, Rady Children's Hospital

CORTICES InstitutionsCorresponding Members

Ann & Robert H. Lurie Children's Hospital

Jay Janicki

Boston Children's Hospital

*Daniel Hedequist, Benton Heyworth, Travis Matheney,
Collin May, Benjamin Shore*

British Columbia Children's Hospital

Kishore Mulpuri

Children's Healthcare of Atlanta

Josh Murphy, Nicholas Fletcher

Children's Hospital Los Angeles

Rachel Goldstein

Children's Hospital of Philadelphia

Keith Baldwin

Cincinnati Children's Hospital

Jamie Rice Denning, Charles Mehlman

Colorado Children's Hospital

Sumeet Garg, Jason Stoneback

C.S. Mott Children's Hospital

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Gillette Children's Hospital

Andrew Georgiadis, Jennifer Laine, Walter Truong

Le Bonheur Children's Hospital

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Levine Children's Hospital

Brian Brighton

Monroe Carell Jr. Children's Hospital at Vanderbilt

Megan Mignemi, Jon Schoenecker

Nationwide Children's Hospital

Allan Beebe

Rady Children's Hospital

Salil Upasani, Kathleen Rickert

Seattle Children's Hospital

Antoinette Lindberg

St. Louis Children's Hospital

Mark Miller

Texas Children's Hospital

Jaclyn Hill, Scott Rosenfeld

Texas Scottish Rite Hospital for Children

Lawson Copley, Brandon Ramo, Anthony Riccio