Overview

- Collaborations
- AAOS 2012
- KPHC update
- Registry updates
  - Total Joint
  - ACL
  - Spine
  - Shoulder Replacement
  - Hip Fracture

Collaborations

- Norway Registry Collaboration
- International Consortium of Orthopedic Registries
  - JBJS Supplement 6 articles
  - 3 TJR projects
- FDA Collaboration
  - Mobile versus fixed TKAs
  - THA bearing surface
- Data Extraction and Longitudinal Time Analysis (DELTA)
- AHRQ imputation strategies
### Podium Presentations

### Posters
- Dillon M, Burke M, Takayanagi M, Ake C, Yian E. Shoulder Arthroplasty in Patients 59 Years of Age and Younger.

### AAOS KP Ortho Registry Reception
Friday, February 10, 2012, 6-8 pm
Parc 55
55 Cyril Magnin St.

### KPHC IT Update
- SmartForms Live in SCAL!!
- Operative KPHC forms next
Total Joint Registry
Largest in U.S. > 136,000

Participation - Knee

Infection Risk Calculator: Knee
http://implantregistries.kp.org/Registries/Risk_Calculator.htm
Patient Reported Outcomes

Hip: https://www.mykpvoice.org/R.aspx?a=273&i=1
Knee: https://www.mykpvoice.org/R.aspx?a=276&i=1

- VR-12, VAS, UCLA Activity Index, HOOS/KOOS
- Pre-op and 6, 12, and 24 months post-op
- Downey, Orange County, Fresno, Oakland

Surgeon Profiles

Total Joint Registry
Quarterly Quality Report: Region & Medical Center

SPC charts for Infections, DVT, PE, LOS, readmission & revision rates


ACLR Registry

Over 16,000 ACLRs Registered—LARGEST in U.S.

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Patient Reported Outcomes: Knee Osteoarthritis Outcome Score
- Pre-op and 1, 2, and 5 year post-op at Baldwin Park, San Diego, Orange County since April 2010
- Overall >80% pre-op response rate in clinic
- 43% overall post-op response rate including clinic, snail mail (<40%), & email (50%)

Attrition Survey
- 2,277 (~17%) patients in the ACLRR who are no longer KP members
- Short questionnaire developed to determine if these patients have had a revision or re operation since leaving KP
- Email, snail mail, phone survey
ACLRR Publications 2011


Spine Registry Update

Scope:
To capture all spinal cases that implant BMP, pedicle screws, anterior cervical plates and/or total disc replacement using Opline data

Participating Regions: SCAL, NCAL, HI, NW

Volume: 9,611 cases

Next Steps:
Identify post-op complications
Capture level of spine, diagnosis, and procedure on all cases
Further clarification of implant usage by medical center and region
Identify local medical center leads

Shoulder Arthroplasty Registry

- 6,527 cases registered (2005 thru Q3 2011)
- Registry includes traumatic and elective cases
- Preop/Status SmartForm building initiated
- IRB pending for MAS, OH, and NW

Effect of Traumatic Indication and Implant Type on Symptomatic VTE Rates in Shoulder Arthroplasty poster at European Society for Surgery of the Shoulder and the Elbow Congress Sept 2011
Shoulder Arthroplasty Registry
Q2 2011 Final Participation - PreOp

Shoulder Arthroplasty Registry
Q2 2011 Final Participation - Operative

Hip Fracture Registry

- Data Source: Clarity, Claims
- NCAL, SCAL, CO, HI, OH, NW, MAS
- 12,614 cases
- Demographics, fracture type, fixation type, diagnosis, procedure (ICD-9, CPT-4) and outcomes
- Centralized x-ray review and Orthopedic Trauma Association (OTA) Proximal Femur Classification algorithm
- Quarterly infection control reports to begin Q1 2012
Areas of Focus for 2012

- Translating registry findings into clinical practice
- Quality reporting and monitoring
- Enhance & expand risk calculators
- Patient optimization
- KP Implant Registries Symposium
  - Sept 15th Huntington Beach Hyatt

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