Sports Medicine Program
A MULTIDISCIPLINARY TEAM APPROACH TO THE TREATMENT OF SPORTS INJURIES

THE SPORTS MEDICINE PROGRAM AT THE NEBRASKA MEDICAL CENTER

No two sports injuries are alike, which is why The Nebraska Medical Center brought together physicians and professionals from across the The Nebraska Medical Center, UNMC Physicians, and the University of Nebraska Medical Center to create a sports medicine program that is equally as unique.

Eleven of the department’s orthopaedic surgeons participate on the sports medicine team. Our surgeons collaborate with physicians and medical professionals across 18 different specialties and sub-specialties to create a customized treatment and rehabilitation program for each patient.

“Two principles of our program are access and expertise,” said Program Coordinator Rusty McKune, ATC. “If you are an athlete, being seen in two weeks is not acceptable. Ideally, we would like the appointment to occur within 48 hours of that initial call. Our program is specifically designed to help guide patients to the physician who can best evaluate and treat their current condition.”

To request an appointment, patients, parents, or referring providers can call 800-922-0000 and ask to be seen by a physician on the sports medicine team.

Rusty McKune, program coordinator and a certified athletic trainer, will assess the situation and get the patient seen quickly by the most appropriate specialist for the patient’s injury.

The Sports Medicine Program has also worked closely with the Omaha Sports Commission, helping to ensure that some of our nation’s finest athletes received the highest level of care possible while competing in Omaha.

Most recently, the team staffed the medical coverage for the 2013 NORCECA Continental Volleyball Championships (read more below). Past events include the 2008 and 2012 U.S. Olympic Swim Trials, the 2013 U.S. Figure Skating Championships, and the 2013 National Age Group Short Track Speedskating Championships.

SPORTS MEDICINE PROGRAM PROVIDES COVERAGE FOR 2013 NORCECA CHAMPIONSHIPS

by Rusty McKune, ATC, program coordinator

The Ralston Arena was host to the 2013 NORCECA Continental Volleyball Championships, held September 16-21. Nine teams from North America, Central America, and the Caribbean participated in the event. Behind the scenes, The Nebraska Medical Center Sports Medicine Program, with individuals from seven health care professions representing the Medical Center, UNMC Physicians, and UNMC, worked to ensure the athletes were at their best during the competition. In all, 48 individuals provided more than 420 hours of service to the athletes. The care provided was a true example of professionals working on an interdisciplinary team to ensure that all medical needs of the athletes were met.
Message from the chair

The evolution of growth.

Recently, we have been talking a lot about growth. To our department, continuing to grow means constantly pushing ourselves to not only excel, but also evolve, in all aspects of our tripartite mission: patient care, research, and education. We strive to continuously elevate the level of care we are able to provide our patients. Whether that be through new and improved treatments, recruiting the most talented faculty to join our team of specialists, or widening our scope of availability through additional clinic locations, we are always growing.

This year, we saw our most recent efforts come to fruition through the expansion of our newly renovated clinic location at the Oakview Medical Building. In October, we celebrated all of the hard work that went into the renovation by hosting a combined Orthopaedics and Family Medicine open house. Approximately 100 physicians, physical therapists, and medical professionals toured the state-of-the-art facility and met physicians from both departments. We want to thank everyone who took time out of their busy schedules to come see the new space!

Research and education are two other facets of our department’s mission in which we perpetually strive to evolve. As with any academic facility, funding is one aspect that is paramount to the success of these programs. Thankfully, over the years alumni and friends of the department have shown amazing generosity through their continued financial support of our mission. We simply could not achieve our mission without them.

One of the more recent funding campaigns we have highlighted is the John F. Connolly Resident Excellence Fund, which supports both education and research within the department. I am excited to announce that the goal for the John F. Connolly Resident Excellence Fund has been reached! The department would like to extend our most sincere thanks to all of the individuals and organizations whose generous donations allowed us to not only reach, but exceed our goal.

The fund, which is designed to provide financial support for resident projects during their years in training, is essential to our ongoing mission to provide superior resident education. It will allow us to continue to provide important program elements such as the annual Resident Research Forum. The forum provides residents with an opportunity to present their research topics and receive guidance on their projects. Each forum also includes a visiting speaker. In 2006, the first forum was held, with Dr. Connolly himself as the featured speaker. You can read more about this year’s Resident Research Forum and visiting speaker, alumnus Dr. Ivan Tarkin (2005), on page 7.

Be sure to mark your calendars now for next year’s graduation celebration, which will be held June 27-28, 2014. We hope to see you there!

With the holiday season upon us, everyone at the Department of Orthopaedic Surgery and Rehabilitation wishes you and yours health and happiness in 2014!

Kevin L. Garvin, M.D.
L. Thomas Hood, M.D., Professorship
Professor and Chair
Orthopaedic Surgery and Rehabilitation
Together, we did it! The department would like to thank our generous donors for helping us not only reach, but surpass our goal of $150,000 for the John F. Connolly Resident Excellence Fund!

The late Dr. John Connolly (chair of Orthopaedic Surgery 1974-1990) created a legacy in education at the Department of Orthopaedic Surgery and Rehabilitation. Through his leadership, Dr. Connolly elevated the standard of orthopaedic residency training in Nebraska.

In an effort to continue the legacy of resident research and education that Dr. Connolly fostered, a fund was created in his honor. The fund is designed to provide financial support for resident projects during their years in training, and help us to provide superior education and mentorship to each and every resident in our program.

With the help of department alumni and friends within the community who share our vision of making Nebraska the place for orthopaedic residency education, we have reached our goal!

Thank you for your vital support!

WE WOULD LIKE TO RECOGNIZE ALL INDIVIDUALS WHO HAVE DONATED TO THIS FUND SINCE ITS INCEPTION. THANK YOU FOR YOUR CONTINUED SUPPORT.

Mrs. Elizabeth Berentson
Mrs. Anne Connolly
Dr. & Mrs. Jeffrey P. Davick
Dr. & Mrs. James P. Devney
Dr. and Mrs. Paul J. Duwelius
Dr. Jeffrey M. Farber
Dr. and Mrs. Timothy C. Fitzgibbons
Dr. and Mrs. Roy J. Guse
Dr. and Mrs. James M. Hill
Dr. and Mrs. F. Stig Jacobsen
Dr. & Mrs. R. Michael Mendlick
Dr. and Mrs. Jeffrey S. Moore
Orthopaedic & Spine Specialists, P.C.
OSS Health
Drs. Lewis H. & Cynthia A. Oster
Dr. David A. & DuAnn Peterson
Ruth and Bill Scott
Dr. & Mrs. Michael J. Sicuranza
Significance Foundation
Dr. & Mrs. Samuel E. Smith
Dr. & Mrs. Wayne O. Southwick
Dr. Jeffrey and Mrs. Nancy Tiedeman
Anonymous

THE DEPARTMENT OF ORTHOPAEDIC SURGERY AND REHABILITATION WOULD LIKE TO THANK OUR GENEROUS DONORS FOR THEIR CONTINUED SUPPORT. IT IS BECAUSE OF SUCH EXTRAORDINARY ONGOING COMMITMENT THAT WE ARE ABLE TO ACHIEVE OUR MISSION OF STATE-OF-THE-ART PATIENT CARE, SUPERIOR EDUCATION, AND INNOVATIVE RESEARCH. THANK YOU.
Honor roll of contributors 2012-2013

The Department of Orthopaedic Surgery and Rehabilitation is extremely grateful for the continued support received from organizations and individuals each year. Some choose to support the department’s annual Development Fund, which is used primarily for resident education. Others prefer to put their contribution towards specific funds for scholarships, research, library resources, or laboratory equipment, for example.

The following honor roll lists the names of individuals and organizations that supported the department between July 1, 2012, and June 30, 2013.

$100,000 & up
Harold & Marian Andersen
Ms. Christina M. Hixson
Mrs. L. Thomas Hood
Lied Foundation Trust
Dr. Robert Volz

$10,000 - $99,999
Dr. Chris Cornett
Dr. Mark Dietrich
Dr. and Mrs. Paul J. Duwelius
Dr. Paul Esposito
Dr. Kevin Garvin
Dr. Brian Hasley
Dr. M. Layne Jenson

$1,000 - 4,999
Dr. Miguel Daccarett
Fidelity Charitable Gift Fund
Dr. & Mrs. Kirk D. Green

$1,000 - 4,999 (cont.)
Dr. Curtis Hartman
Dr. Beau Konigsberg
Dr. Sean McGarry
Dr. & Mrs. R. Michael Mendlick
Dr. Matthew Mormino
Dr. David A. & DuAnn Peterson
Dr. Lori Reed
Dr. Susan Scherl
James & Joanne Scott-Miller
Dr. & Mrs. Michael J. Sicuranza
Dr. & Mrs. Samuel E. Smith
Dr. Robert J. Tait

$0 - 999
Dr. and Mrs. Timothy C. Fitzgibbons
Jean A. Lewandowski, Ed.D.
Orthopaedic & Spine Specialists, P.C.
OSS Health

The above names are listed alphabetically within each category. If you have questions or corrections to this honor roll, please contact Meg Johnson with the University of Nebraska Foundation’s Omaha office at 2285 South 67th Street, Suite 200, Omaha, NE, 68106, or via phone at 402-502-4107.
WALL OF HONOR

The Wall of Honor was installed in 2003 to permanently recognize the individuals and organizations who contributed $100,000 or more in support of the mission of the Department of Orthopaedic Surgery and Rehabilitation. A series of brushed metal plaques feature the names and etched portraits of these generous donors. The department’s logo and a brief history of Nebraska’s orthopaedic program are also featured.

THE HISTORY

French physician and professor Nicholas de Bois Andry introduced the term orthopaedics (“ortho,” straight and “pais,” child) in a 1741 text. One of his illustrations, a crooked tree tied to a straight stake, has been adopted as the symbol of orthopaedics.

Rooted in the art and science of the specialty’s origin, the University of Nebraska Department of Orthopaedic Surgery and Rehabilitation has its own storied history. Pioneers of orthopaedics in Nebraska, Dr. H. Winnette Orr of Lincoln (1877-1956) and Dr. Robert Schrock (1884 - 1960) were innovators in the treatment of orthopaedic problems in children and adults, and early presidents of the American Orthopaedic Association (1937) and American Academy of Orthopaedic Surgeons (1941), respectively.

In 1968, contemporary Omaha orthopaedic surgeons established the University of Nebraska’s orthopaedic resident education program. Today, the department is thriving as it grows toward excellence in education, scientific exploration, and humanitarian practice of orthopaedic surgery and rehabilitation.

New additions to Wall of Honor

HAROLD AND MARIAN ANDERSEN, AND DR. ROBERT G. VOLZ, ARE THE MOST RECENT ADDITIONS TO THE DEPARTMENT’S WALL OF HONOR, WHICH PERMANENTLY RECOGNIZES CONTRIBUTORS OF $100,000 OR MORE.

HAROLD AND MARIAN ANDERSEN ANDERSEN LECTURESHIP FOR ORTHOPAEDIC SURGERY

Harold and Marian Andersen have been long-time supporters of the department and the University of Nebraska system as alumni, donors, and community advocates. The Andersens generously established a new lectureship in 2012, to help the department bring a non-orthopaedic speaker to the resident graduation ceremonies each year. The lectureship will focus on “non-scientific issues that enhance the education, diverse interests, and community involvement of faculty and residents in the Department of Orthopaedic Surgery and Rehabilitation.”

ROBERT G. VOLZ, M.D. CHAIR OF BIOMECHANICS

Dr. Robert Volz is a distinguished alum of the UNMC College of Medicine, long-time friend of the Department of Orthopaedic Surgery and Rehabilitation, and renowned orthopaedic surgeon. In 2012, he established the Volz Chair of Biomechanics, which will support an annual salary stipend, as well as scholarly research and creative activities. This future gift will leave a remarkable legacy to the department.

(The above contributions were featured in the Fall 2012 issue of Breaking News.)
Visiting Speakers expand resident education

Providing a well-rounded educational experience for our residents means bringing in visiting speakers who can share their expertise on a variety of topics. Annual contributions to the department’s Development Fund allow us to continue to bring guest speakers who offer new and innovative ideas in surgical techniques, research topics, and patient care.

LISTED BELOW ARE THE VISITNG SPEAKERS WHO PRESENTED IN THE DEPARTMENT FROM SEPTEMBER TO NOVEMBER 2013.

SEPTEMBER
4 Kody Moffatt, M.D., Children’s Physicians, Bellevue, NE “Concussions”

OCTOBER
18 Andrew Dudley, Ph.D., UNMC Genetics, Cell Biology & Anatomy, Omaha, NE “Structure and Biomechanics of Articular Cartilage”

NOVEMBER
22 Ivan Tarkin, M.D., University of Pittsburgh, Pittsburgh, PA “Innovations in Pelvic Trauma Reconstruction”

Orthopaedic Surgery faculty participation at AAOS Annual Meeting

The 2014 American Academy of Orthopaedic Surgeons Annual Meeting will be held at the Morial Convention Center in New Orleans, Louisiana, March 11-15th. Department faculty will present podium and poster presentations, give instructional course lectures, and present and moderate specialty day sessions.

PODIUM PRESENTATIONS

**Teusink, M;** Pappou, I; Schwartz, D; Frankle, M: Podium Presentation: Results of Closed Management of Acute Dislocation Following Reverse Shoulder Arthroplasty.

Schwartz, D; Cottrell, B; **Teusink, M;** Clark, R; Downes, K; Frankle, M: Podium Presentation: Factors That Predict Postoperative Motion in Patients Treated with Reverse Shoulder Arthroplasty.

Simon, P; Virani, N; Diaz, M; **Teusink, M;** Santoni, B; Frankle, M: Podium Presentation: The Relationship Between the Subchondral Bone Density Distribution and Glenoid Depth: An In-Vivo Pilot Study of Male Total Shoulder Arthroplasty Subjects.

**Hartman, C;** Hewlett, A; Antoniak, D; **Konigsberg, B; Garvin, K:** Podium Presentation (Paper 489): Sonication for the Enhanced Diagnosis of Prosthetic Joint Infection

POSTER PRESENTATIONS

**Teusink, M;** Cottrell, B; Otto, R; Frankle, M: Poster presentation: What is the Effect of Postoperative Scapula Fractures on Outcomes Following Reverse Shoulder Arthroplasty?

Cabezas, A; Gutierrez, S; **Teusink, M;** Santoni, B; Schwartz, D; Frankle, M: Poster Presentation: Quantification of Existing Glenohumeral Relationships in Patients Undergoing Reverse Shoulder Arthroplasty.

**Garvin, K:** The Anteversion is not What I Expected (presenter), AAOS Symposium: How Do I Get Out of this Jam? Dealing with Intraoperative and Early Postoperative Challenges in Primary THA.
2013 Resident Research Forum

The department welcomed alumnus Dr. Ivan Tarkin (Class of 2005) as the guest speaker for the 2013 Resident Research Forum, held Friday, November 22nd. Dr. Tarkin is an associate professor at the University of Pittsburgh School of Medicine, and chief of the Division of Orthopaedic Traumatology.

Dr. Tarkin received his medical degree at the State University of New York at Buffalo School of Medicine. He then completed his orthopaedic residency at the University of Nebraska Medical Center/Creighton University Medical Center, followed by a trauma fellowship at the Twin Cities Orthopaedic Trauma Fellowship in Minneapolis/St. Paul. Dr. Tarkin is certified by the American Board of Orthopaedic Surgery. His research focus is on improving protocols for care of patients with high energy musculoskeletal injuries.

The forum took place in the Durham Research Center, Room 1006, from 7:30 a.m. to noon. It featured brief presentations by the orthopaedic residents (PGY II-V), followed by a closing presentation by Dr. Tarkin titled, “Innovations in Pelvic Trauma Reconstruction.”

The resident research forum is an annual event, designed to help residents plan their research projects and provide direction during their final year of residency.

Mark your calendar!

March 11-15, 2014
American Academy of Orthopaedic Surgeons Annual Meeting
Morial Convention Center
New Orleans, Louisiana

June 27-28, 2014
Nebraska Orthopaedic Residency Program Graduation Ceremonies


INSTRUCTIONAL COURSE LECTURES

Garvin, K: Prevention and Management of Infection and Wound Complications (presenter), ICL: Preventing Hospital Readmissions and Limiting the Complications Associated with Total Hip Arthroplasty (moderator).

Garvin, K: Complex Cases, ICL: Complex Primary Total Hip Arthroplasty: A Case-Based Approach (presenter).

Cornett, C: ICL: Pathophysiology of Cervical Spondylotic Myelopathy (presenter).

Scherl, S: ICL: Problems and Procedures in Pediatric Trauma: Case Based Learning (presenter).


MODERATOR

Garvin, K: Session title: “Adult Reconstruction Hip III: Complications” (Moderator).

SPECIALTY DAY

Garvin, K: Education Chair, Hip Society Specialty Day.

Garvin, K: Optimizing Wound Management to Prevent and Treat Infection (presenter), Symposium III, Hip Society Specialty Day.


Publications, Presentations, and Honors

Department faculty members present many lectures, seminars, and courses at both local and regional, as well as national and international meetings. They also serve in leadership positions and offices for local, state, national and international organizations. Here are some of our faculty and staff’s presentations and publications, awards and achievements, offices held, and other professional activities from August-October 2013.

PUBLICATIONS: (Peer-reviewed)
Jacobs, J.; King, T.; Kipple, JH; Berven, SH; Burt, DB; Caskey, PM; Elderkin, PA; Esposito, PW; Gall, EP; Goldring, S; Pollak, AN; Sandberg, CI; Templeton, KJ; Beyond the Decade: Strategic Priorities to Reduce the Burden of Musculoskeletal Disease. The Journal of Bone and Joint Surgery, 95(17): e125(1-6), September 4, 2013.
Ryder, JH; McGarry, SW; Wang, J.: Calcaneal Acrometastasis from Urothelial Carcinoma of the Uterus: A Case Report and Literature Review. Clinical Interventions in Aging. 8:395-399, online April 2013.

BOOK CHAPTERS AND REVIEWS

AWARDS AND ACHIEVEMENTS:
Daccarett, M.: Faculty Diversity Award:
$50,000, University of Nebraska Academic Affairs, Omaha, NE, July 2012-June 2014.

MEMBERSHIPS AND OFFICES HELD:
Cornett, C.: Physician Advisory Team Committee Member, The Nebraska Medical Center, Omaha, NE, 2013-present.
Daccarett, M.: Trauma Committee Member, University of Nebraska Medical Center, Omaha, NE, 2008-present.


Review Panel Member, Orthopedics, 2013-present.


Surgical Services Executive Committee Member, The Nebraska Medical Center, Omaha, NE, 2011-present.

Esposito, P.: Board of Directors, Physician Director, Children’s Specialty Physicians, February 2012-2015.

Osteogenesis Imperfecta Foundation

• Medical Advisory Council, July 2011-2014

• Scientific Meeting Committee, 2010-present

One World Health Center

• Executive Committee, March 2013-present

• Board of Directors, March 2008-present

Children’s Hospital & Medical Center

• Board of Directors, Advisory Board 2010-present

• Quality and Patient Safety Committee, 2008-present

• Medical Staff Committees

• Ethics Committee, Omaha, NE, Children’s Hospital, 2010-present

• Clinical Service Chief, Orthopaedic Surgery 2009-present

• Information Technology Oversight Committee, 2009-present

• Allied Health Committee, 2008-present

• Bylaws Committee, 2008-present

• Credentials Committee, 2008-present (Chair, 2011-present)

• Surgical Services Committee, 2008-present

• Focused Peer Review Committee, 2008-present

• Quality Safety Leadership Team, 2006-present

Metro Omaha Medical Society Foundation, Member, Board of Directors, 2010-present.

Reviewer, Clinical Orthopaedics and Clinical Research, 2010-present.

U.S. Bone and Joint Initiative

• Liaison representative of the American Academy of Pediatrics, 2009-present

• Chairman, Pediatric Specialty Group, 2013-present


Consultant Reviewer, PEDIATRICS, 2005-present.

Garvin, K.: The Hip Society

• Chair, Education Committee, 2013-2014

• Treasurer, 2013-2014

Member, Chancellor Search Committee, University of Nebraska Medical Center, 2013

Chair, Research Committee, The Knee Society, 2012-2015.

Member, Adult Reconstruction Hip Program Subcommittee, American Academy of Orthopaedic Surgeons, 2012-2014.

Member, Board of Directors (2nd term), Omaha Sports Commission, 2011-2014.


Member, Membership Committee, American Orthopaedic Association, 2010-2013

UNMC Physicians

• Executive Board, 2000-present

• Finance Committee, 2012-present

Editorial Board Member, Techniques in Knee Surgery, 2002-present

Consultant Reviewer, Journal of Bone and Joint Surgery, 1990-present

Consultant Reviewer, European Journal of Epidemiology, 1995-present.


International Society of Technology in Arthroplasty (ISTA)

• Director, Scientific Review and Information Technology, September 2011-present.

• Member, Board of Directors, 2005-present


Basic Science Education Committee (BSEC), The Orthopaedic Research Society, 2011-present.

Reviewer, Journal of Clinical Orthopaedics and Related Research (CORR), July 2010-present.

Appointed to the Editorial Board for the Journal Advances in Orthopaedics, June 2010-present.

Reviewer of abstracts (Re-appointment), Orthopaedic Research Society, August 2009-present.


Editorial Board Member, Journal of Engineering in Medicine, IMechE Part H, 2009-present.


International Standards Organization (ISO)

• Chair, Expert Group revising knee wear testing standards, 2002-present

• Member, United States Delegation to Committee SC 150 (Medical Devices), 2002-present

American Society of Testing and Materials (ASTM)

• Co-Chair, Knee Wear Testing Standards Committee, ASTM International, 2002-present

• Chair, Ankle Replacement Testing Standards Committee, ASTM International, 2000-present

Hartman, C.: Member, UNMC Graduate Faculty, May 2013-present.

Member, Membership Committee, Metro Omaha Medical Society, April 2012-present.


UNMC College of Medicine

• M2 ICE Course Instructor, September 2009-present.

• M3 Course Instructor September 2009-present.

Hasley, B.: Medical Director of the Pediatric Orthopaedic Clinics of the Children’s Speciality Physicians, Children’s Hospital & Medical Center, Omaha, NE, May 2013-present.

Konigsberg, B.: ONE-Team (TNMC/UNMC/UNMC-P)

• Member, Physician Engagement Group, June 2012-2015.

• Future Care Delivery Committee, July 2013-present.

• Member, Physician Compensation Committee, July 2013-present.

UNMC College of Medicine

• Member, Medical Student Admissions Committee, June 2011–December 2014.

• Instructor, M1 ICE Course, August 2010-2013.

Member, Membership Committee, Metro Omaha Medical Society, April 2012-present.

McGarry, S.: University of Nebraska Medical Center

• Elected to UNMC Faculty Senate, June 2013-May 2014.

BREAKING NEWS | 8
Continuing Education Committee, Member, October 2012-present.
Tissue Bank Review Committee, Member, 2006-present.
Musculoskeletal Transplant Foundation (MTF)
Memberships/Nominations Committee Member, February 2012-present.
Medical Board of Trustees, April 2006-present.

Consultant Reviewer, Clinical Orthopaedics and Related Research, March 2011-present.
Consultant Reviewer, Orthopaedics, February 2011-present.
Tumor Module Editor, Orthopaedics Hyperguide, February 2011-present.
Children’s Hospital of Omaha Bylaws Committee, Member, January 2008-present.
National Comprehensive Cancer Network (NCCN)
Soft Tissue Sarcoma Panel, July 2007-present.
Bone Cancer Panel, May 2006-present.

Mormino, M.: AO North America
Fellowship Advisory Board, 2011-present.
Faculty, 1997-present.
At-large Member to the UNMC Physicians Board of Directors, UNMC Physicians, July 2010-2013.

Reed, L.: Member, Public Relations Committee for the Orthopaedic Trauma Association, 2009-present.
Member, Ruth Jackson Orthopaedic Society, 2013-present.

Scheri, S.: American Orthopaedic Association
Member, Traveling Fellowship Committee, June 2012-present.
Chair, ASEAN Traveling Fellowship Subcommittee, June 2011-present.
Pediatric Orthopaedic Society of North America
Advocacy Committee, May 2013-present.
Program Committee, May 2013-present.
Children’s Hospital & Medical Center
Member, Executive Committee, 2012-present.
Member, Omaha Transfusion Committee, January 2010-present.
Member, Omaha Trauma Performance Improvement and Patient Safety Committee, 2009-present.

Esposito, P.: Tiny Bones Program, WiM. Patrick Foundation, December 2010-present.

PRESENTATIONS, INTERNATIONAL AND NATIONAL:

Haider, H; Santoni, B; Schwartz, D; Frankle, M: Factors That Predict Postoperative Motion in Patients Treated with Reverse Shoulder Arthroplasty. Presented at the 2013 Closed Meeting of the American Shoulder and Elbow Surgeons, Las Vegas, Nevada, October 15, 2013.

Namavar, F; Chakkalakal, D; Sabirianov, R; Miralami, R; Thiele, G; Sharp, J; Garvin, K: An Approach for Selecting Biocompatible Implant Materials: Dielectric Properties of Metal Oxides, 8th Pacific Rim International Congress on Advanced Materials and Processing, Waikoloa, HI, August 4-9, 2013.

Namavar, F; Rubinstein, A; Sabirianov, R; Sharp, J; Garvin, K: Smart Nanocrystalline Coatings for Orthopaedic Implant Devices, 8th Pacific Rim International Congress on Advanced Materials and Processing, Waikoloa, HI, August 4-9, 2013.

Konigsberg, B; Hess, R; Garvin, K; Hartman, C; Schwartz, D; Smith, L: Poster Presentation: Inter and Intra Observer Reliability of 2-D CT Scans for TKA Component Malrotation, 126th Annual Meeting of the American Orthopaedic Association, Denver, CO, June 2013.

PRESENTATIONS, REGIONAL AND LOCAL:
Scheri, S: Module Leader, Pediatric Module, Orthopaedic Trauma Association Resident’s Comprehensive Fracture Course 2.0, Scottsdale, AZ, October 9-11, 2013.
Daccarett, M: Trauma Case Presentation and Discussion, Resident Comprehensive Fracture Course at the Orthopaedic Trauma Association 2013 Annual Meeting, Scottsdale, AZ, October 9-11, 2013.
Daccarett, M: Provisional Stability and Damage Control in Orthopedic Surgery, Resident Comprehensive Fracture Course at the Orthopaedic Trauma Association 2013 Annual Meeting, Scottsdale, AZ, October 9-11, 2013.
Teusink, M: Shoulder Dislocations: Management Considerations, Nebraska Orthopaedic Hospital Fall Forum, Omaha, NE, October 2013.
Cornett, C: Today’s Spine Patient, A Nursing Perspective, Nebraska Orthopaedic Hospital Fall Forum, Omaha, NE, October 2013.
Cornett, C: Treatment Options for Today’s Spine Patient, Union Pacific Northern Region Safety Summit, Omaha, NE, October 2013.
Linda Kraut, the “glue” of pediatric orthopaedics, retires

In early October, the department received the unexpected announcement that Linda Kraut, longtime office associate for the pediatric orthopaedic faculty, was retiring. It was a sad day in the office.

After over 15 years of dedicated service to the department, Linda recently moved to Spirit Lake, Iowa, to care for her aging mother. She will be spending her days doing what she loves; enjoying time with her family, spoiling her grandchildren, and no doubt doing a lot of fishing!

FACULTY AND STAFF SHARE THEIR THOUGHTS ABOUT LINDA KRAUT:

- Paul Esposito, M.D., professor of orthopaedics and pediatrics:
Linda was a stabilizing influence for the pediatric orthopaedic section of the orthopaedic department for over 15 years, during which time she coordinated the academic efforts of our group. However, to say that she was an administrative assistant does not give justice to the various roles she took on, or the many problems she solved without complaint on a weekly basis. She always guaranteed that a smooth operation and coordination of care was provided, making the transition between clinical and academic practice seamless. She made the clinicians more articulate in their academic writings, ensured that anyone who called the office felt they were treated fairly and honestly, and always made sure the message was relayed to us.

Linda used her clever sense of humor to help us through busy days and keep things in perspective. She coordinated several generations of residents, supported several new partners in building their growing practices, and kept the more established faculty organized and on task. Her excellent ability to keep the entire operation running seamlessly had an incredibly calming influence on the group.

Her experience and gift of positive interaction allowed Linda to easily coordinate the pediatric orthopaedic activities between the University and Children’s Hospital. Linda was always able to make anyone she was interacting with believe that not only was the issue at hand important, so were they.

Linda is a very caring, professional, and delightful person who will be greatly missed. The department wishes her a future filled with fair weather and many a delightful sunrise on the lake.

- Rita Haverman, billing representative II:
As a fellow UNMC employee, I felt a special bond and friendship with Linda while working at the Pediatric Orthopaedic offices for 15 years. She brought a sense of calm and logic to the many speed bumps that occur in the course of running a busy doctor’s office. She will be hard to replace, as her extensive knowledge of the academic requirements of her job will require a person as special as she was. I will miss her terribly and wish her health, happiness, and love as she embarks on this new chapter of her life.

- Susan Siebler, business associate:
I’ve had the pleasure of working with Linda Kraut for the past 15 years. From the beginning, I was impressed with her professionalism, dedication, and quick wit. Linda was like a walking Rolodex – she knew everyone. She has certainly left some big shoes to fill!

- David Staiert, department administrator:
Linda was the “glue” of the pediatric orthopaedic section of our department. She kept the faculty informed, scheduled, and on task. She was invaluable to me in getting things done for this group of faculty and she always did it with a smile.

“LINDA WAS LIKE A WALKING ROLODEX - SHE KNEW EVERYONE.”
- Susan Siebler, Orthopaedic Surgery
EILEEN ROONEY, BA
Accounting/Office Associate

5 YEARS OF SERVICE
UNMC
September 2013

UNMC WELLNESS ADVOCATE AWARD:
Received April 2013 for her efforts to maintain a healthy lifestyle and promote wellness among others.

Continuing education and Grand Rounds

Continuing education seminars and Grand Rounds presentations by department faculty, current residents, and guest speakers are open to any interested participants. Please call the department at 402-559-4533 to check on possible updates to this schedule.

Orthopaedic Grand Rounds are held Mondays at 6:30 a.m. in Room 1005 of the Sorrell Center.

DECEMBER 2013

2 Regional Blocks for Upper and Lower Extremity Surgery - What Does the Literature Say? (Jennifer Ahlers, M.D., UNMC Department of Anesthesiology)

9 Radiographic Evaluation of Wear in THA (Khalid Azzam, M.D., HO V)

16 Role of a Statewide Trauma System in the Management of the Polytrauma Patient (Paul Schenarts, M.D., UNMC Department of General Surgery)

23 No Grand Rounds - Holiday

30 No Grand Rounds - Holiday

JANUARY 2014

6 Morbidity and Mortality Fall Quarter

13 Navigation in Total Joint Replacement (Curtis Hartman, M.D.)

20 Ankle Instability (Brent Hood, D.O., HO IV)

27 Direct Anterior THA (Beau Konigsberg, M.D.)

FEBRUARY 2014

3 Role of Simulation in Medical Education and Surgical Training (Paul Paulman, M.D., UNMC Assistant Dean for Clinical Skills and Quality)

Family Medicine Chairman, Dr. Michael Sitorius, and orthopaedic surgeon Dr. Beau Konigsberg, during the Family Medicine and Orthopaedics clinic Oakview Medical Center open house. Approximately 100 physicians, physical therapists, and medical professionals attended the event.

Dr. Matthew Teusink, a shoulder and elbow surgeon who joined the department in August, took the opportunity for a “meet and greet” with physical therapists who attended the Family Medicine and Orthopaedics clinic Oakview Medical Center open house held October 3rd.
SPORTS MEDICINE PROGRAM PROVIDES CUSTOMIZED CARE FOR SPORTS INJURIES......PAGE 1

The Sports Medicine Program at the The Nebraska Medical Center features a multi-disciplinary team approach to the treatment of sports injuries.

JOHN F. CONNOLLY RESIDENT EXCELLENCE FUND GOAL HAS BEEN REACHED!........PAGE 3

With the help of our generous donors the department has not only reached, but exceeded, our goal for the John F. Connolly Resident Excellence Fund!

DONORS RECOGNIZED WITH PERMANENT PLAQUES ON WALL OF HONOR.............PAGE 5

Dr. Robert G. Volz, and Harold and Marian Andersen, are new additions to the department’s Wall of Honor, permanently recognizing contributors of $100,000 or more.
BACKGROUND

Femoroacetabular impingement (FAI) is a condition in which the bones of the hip are abnormally shaped. There is a mismatch between the shape of the proximal femur and the hip socket, or acetabulum. This mismatch in shape causes the bones to rub against each other and cause damage to the structures in and around the hip joint.

There are potentially two separate components of abnormal bony morphology. The first is an abnormal, aspherical shape of the proximal femur. The second is an overly deep hip socket, or bony overgrowth at the edge of the hip socket. Individuals with symptomatic femoroacetabular impingement can have either one, or both, of these types of abnormalities. A pincer-type impingement occurs because extra bone extends out over the normal rim of acetabulum. When this occurs, the acetabular labrum can be crushed underneath the prominent rim of the acetabulum. Cam-type impingement results when the femoral head is not round and cannot rotate smoothly inside the acetabulum. The aspherical femoral head will then grind into the cartilage inside the acetabulum, causing injury to the cartilage within the hip socket and the labrum.

It is not known how many people may have femoroacetabular impingement. Some people may live long and active lives with femoroacetabular impingement and never have any problems. When symptoms develop, however, it usually indicates that there is damage to the articular cartilage or the labrum, and the disease is likely to progress. Symptoms may include pain, stiffness, or mechanical symptoms. People with femoroacetabular impingement usually have pain in the groin area, although sometimes the pain may be located towards the outside part of the hip. Sharp or stabbing type pain may occur with twisting or turning maneuvers, and squatting. However, sometimes the pain is just a dull ache.

Treatment for femoroacetabular impingement includes activity modification and nonsteroidal anti-inflammatories. If symptoms continue to persist, surgical intervention may be warranted. To determine whether or not an individual has symptomatic femoroacetabular impingement, it is important to combine physical exam findings with imaging studies including x-rays, MRI scans, and CT scans, to further delineate the exact abnormal shape of the hip.

Surgical treatment for femoroacetabular impingement can include surgical hip dislocation or arthroscopic treatment. The goals of surgery are to repair damaged tissue (including a torn labrum), debride frayed or torn articular cartilage, and recontour the bones on both the acetabular side and femoral head side to prevent further impingement. Surgery can successfully reduce symptoms caused by impingement. In addition, correcting the impingement can prevent future damage to the hip joint. However, in some cases not all of the damage can be completely fixed by surgical intervention.

THE CASE

This patient is a 29-year-old male who had a greater than one-year history of bilateral hip pain. He was an avid runner and had been experiencing increasing pain with his exercise regimen and activities of daily living. Prior to evaluation in our clinic, he had undergone formal physical therapy with no relief of his symptoms and had been taking anti-inflammatories on a regular basis for several months.

His preoperative workup included plain radiographs and an MRI arthrogram. He had undergone formal physical therapy with no relief of his symptoms and had been taking anti-inflammatories on a regular basis for several months.

That his pain was truly coming from inside the hip joint. His radiographs demonstrated evidence of significant cam-type impingement (figures 1 and 2) and mild pincer-type impingement (figure 3).
We discussed the role for arthroscopic intervention to address his femoroacetabular impingement. His pre-operative MRI scan demonstrated significant labral and early chondral injury. He initially underwent hip arthroscopy to address his femoroacetabular impingement and chondral labral pathology on the left, and eight weeks later underwent surgery on the right for his symptomatic femoroacetabular impingement (figures 4, 5, and 6).

Approximately one year out from his first surgery, he is doing very well. The patient did undergo dedicated physical therapy for range-of-motion and strengthening exercises after each of his surgeries. He has been able to return to his running activities and activities of daily living with no significant hip complaints. While he had fairly significant early chondral delamination of the anterior-superior acetabular cartilage, I feel that his pain symptoms and function will be significantly improved for a number of years following this intervention.