



CENTER FOR ORTHOPEDIC EXCELLENCE

The Orthopedic Report

A Newsletter of Tallahassee Orthopedic Clinic

MAY/JUNE 2006

TOC Vitae

- American Orthopedic Foot and Ankle Society
- Clinical Orthopedist, Children's Medical Service, 1988-Present
- Certified Prosthetist and Orthotist
- Medical Director, Children's Special Olympics, State of Florida, 1992-Present
- Team Physician, Florida State University
- Team Physician, Florida A&M University
- Former Team Physician, L.A. Rams, L.A. Lakers, L.A. Dodgers, L.A. Kings, California Angels, USC Trojans and Tampa Bay Buccaneers
- American Orthopedic Society for Sports Medicine
- Herodius Society for Sports Medicine
- Faculty, FSU College of Medicine
- President, Florida Orthopedic Society, 2005
- Voted Best Orthopedic Practice in North Florida, 2004
- American College of Sports Medicine
- Florida Athletic Coaches Association
- Athletic Trainers Association of Florida's Sports Medicine Person of the Year, 1997
- Tallahassee Medical Liaison, British Olympic Association, 1993-1996
- American Academy of Orthopedic Surgeons
- Chairman, Orthopedic Service, Tallahassee Memorial Hospital
- Chief of Staff, Capital Regional Medical Center
- Board of Directors, Capital Regional Medical Center
- Local Area High School Team Physicians
- Director of Sports Medicine, Department of Orthopedic Surgery, Naval Medical Center

Restore Functionality to Your Hands and Feet

Experience, innovation and high-quality care are just a few of the things that distinguish Tallahassee Orthopedic Clinic as a world class leader of orthopedic medicine throughout the Southeastern United States. Known for the ability to successfully treat a full range of musculoskeletal conditions, patients have access to 18 physicians who have dedicated their careers to specializing and sub-specializing in the latest technology and medical care available. Patients do not need to go anywhere else in the country to find the level of sub-specialty expertise and experience available at TOC.

THE UPPER AND LOWER EXTREMITY

Orthopedics is the branch of medicine concerned with diseases, injuries and conditions of the body's muscles and skeleton, including the joints, ligaments, tendons and nerves. One area of sub-specialty care that is available at Tallahassee Orthopedic Clinic is that of the foot and hand.



Your hands and feet are the means by which you touch and discover your world. Because you rely on your extremities to do so much, they are often subject to injury and overuse. Both hands and feet are often affected by the normal wear and tear on joints that can result in

arthritis. Unfortunately these and other conditions compromise the way you're able to use your hands and feet. Treating orthopedic conditions of the hands and feet involves using cutting-edge technology and well-experienced physicians who are dedicated to the complexities involved.

Hand and upper extremity care addresses conditions such as arthritis, occupational injuries, lupus, nerve compression syndromes, scleroderma, simple and complex bone fractures within the hand and replantation of amputated fingers.



Similarly, foot and lower extremity care addresses conditions such as arthritis, diabetic/neuropathic foot, arthroscopic surgery of the foot and ankle, ligament reconstruction, ankle replacement, ankle fusions, fracture care and reconstructive procedures for things such as bunions or hammertoes.

Tallahassee Orthopedic Clinic is a leader in upper and lower extremity care and offers a complete range of services from consultation to treatment to rehabilitation. Doctors Donald Dewey and Andrew Borom are board certified, fellowship-trained and remarkably skilled physicians who pay careful attention to the intricate balance of the bones, muscles, joints and nerves in the hands and feet when treating patients at TOC.

Donald M. Dewey: Combining 'the best' of medicine and engineering to help patients

Our clinic has amazing physicians and staff, a state-of-the-art facility and a remarkably progressive attitude about orthopedics.



A Pensacola native, Donald M. Dewey has been with Tallahassee Orthopedic Clinic (TOC) since 1988. And like many other physicians at TOC, he has a wide and varied education which led him here.

Starting with a Biomedical Engineering degree from the University of Tennessee, Dr. Dewey has always been fascinated with analyzing and solving problems. It was during his engineering studies that he realized he wanted to be a physician. After doing masters coursework at UCLA, where he became certified to make artificial limbs, braces, prosthetics and orthotics, he decided to return to medical school at East Tennessee State University.

In 1983, he did a General Surgery Internship at the University of Kentucky, followed by an Orthopedic Surgery Residency at Shriners Hospital for Children in Lexington. He is also Fellowship trained in hand, ankle and foot. He says his engineering and technical background compliment his work in medicine. "It allows me to put the best of both worlds together. I continue to use both disciplines every single day here at TOC."

Currently Dr. Dewey divides his time between three major disciplines. He spends approximately one third of his time doing surgeries, primarily joint replacements on the hip and knee, another third on pediatric orthopedics and a final third on pediatric and adult foot and ankle reconstruction.

"I am fortunate that all three of these areas continue to fascinate and invigorate me."

Most notably, Dr. Dewey has a special place in his heart for children and works tirelessly to help make their lives better. In one case, a six-year-old child from Russia came to TOC with such a severe congenital deformity in his leg, ankle and foot that amputation was the only option. "The leg was too deformed to reconstruct and would not support his weight as it was." Dewey and his team put in a prosthesis immediately and now the child runs faster than most kids his age. "He's

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ORTHOTICS AND PROSTHETICS

Orthotists and Prosthetists are allied health professionals who provide comprehensive orthotic and prosthetic care. Located inside Tallahassee Orthopedic Clinic's main campus, the specialized Division of Orthotics & Prosthetics works as an integral part of TOC's rehabilitative team. "Our goal is to help return patients to the most productive and meaningful lives possible, at their highest levels of independence. And because we are located inside TOC, patients do not have to go elsewhere to get this care," says Director Eric Ramcharran.

PROSTHETIC SERVICES

A prosthesis is an artificial device to replace a missing part of the body.

Pre-Operative

Patient Consultation

Immediate Post-Operative

Rigid Dressings and Cast Changes

Upper Limb

Passive and Functional Systems
Myoelectrics (Utah Arm)
Cosmetic Prosthesis

Lower Limb

Endoskeletal (soft, cosmetic) Systems
Exoskeletal (high durability) Systems
Preparatory Prostheses
Silicone Self-Suspending Prostheses
Cat-Cam, NSNA Socket Designs
Ossur Flex-Foot™ Systems
Hydraulic Systems
Ultra Light Prostheses
Sports and Specialty Prostheses

ORTHOTIC SERVICES

An orthotic is a support or brace for weak or ineffective joints or muscles.

Cervical

Halo
S.O.M.I.
4 Poster Orthoses
Philadelphia Collars
Flexible Foam Collars
Custom Designed Cervical Systems

Spinal

Fitted Corsets
Chairback (Lumbo Sacral) Orthoses
Williams Flexion Orthoses
Taylor (Thoraco-Lumbar) Orthoses
Jewett Hyperextension Orthoses
Custom TLSO & LSO Body Jackets
Milwaukee Scoliosis Orthoses
Boston Scoliosis Systems

Fracture Orthoses

Tibial, Femoral, Humoral,
Ulnar, Radial

Lower Limb

Metal, Plastic, and Graphite Systems
Ankle Foot Orthoses (AFO's)
Knee, Ankle, Foot Orthoses (KAFO's)
Inhibitive Techniques

Knee Orthoses

Sports Injury Orthoses
Lenox Hill™, C.Ti.™
Don Joy Knee Orthoses
Rehabilitative Orthoses

Pediatric and Specialty Orthoses

Dynamic Ankle Foot Orthoses
Pavlik Harness Orthoses
Dennis-Brown Orthoses
Scott-Craig Orthoses
Reciprocating Gait Orthoses
Scottish Rite Orthoses
Post-Operative Hip Orthoses

Foot Orthoses
Insensitive Foot Supports
Accommodative/Corrective Inserts
Functional Foot Orthoses



Andrew Borom: Focus on Feet and Ankles

If you live in this area, you can't find higher quality or more diversified care by traveling anywhere else in the country.

Growing up in upstate New York, Andrew Borom always loved biology, nature and life sciences. So as a freshman attending the University of Virginia, majoring in pre-med seemed like a natural progression. But upon graduating from UVA with honors, Borom decided to try his hand in the business world and went to work as a stockbroker. When his love of biology and life sciences did not wane, he realized his true calling was medicine. He began reapplying for medical schools and, while he waited to enroll in medical school, he spent time doing HIV research in Maryland with the National Institute of Health.

Borom returned to the University of Virginia School of Medicine in 1990, where he had a life-changing revelation on Day One. "During my first day of Anatomy class, I had to dissect a shoulder. I knew right then that I was meant to be an orthopedic surgeon. The beauty and complexity of the human body as I saw it through that shoulder dissection sealed my fate."

Following medical school, Borom did a General Surgery internship at the University of Arizona and a residency in Orthopedic Surgery there as well. He followed this training by a prestigious fellowship in Foot and Ankle Surgery at the University of Texas Houston. Here he got to work with amazing and innovative leaders including Dr. Thomas Clanton, who was then president of the American Orthopedic Foot and Ankle Society and the lead foot and

ankle team physician for both the Houston Texans and Houston Astros.

As he focused on this specialty, he became enamored by the complexities and challenges. "My training was very extensive. Not only did I learn complete care of the musculoskeletal system but I also received the highest level of training available for the treatment of the foot and ankle," says Borom. At the end of his fellowship, he spent four months overseas working locum tenens as an Orthopedic Surgeon at Masterton Hospital in Masterton, New Zealand.

In fact, Borom is one of the few physicians with such an in-depth level of specialized training in Northwest Florida. He is a member of the American Orthopedic Foot and Ankle Society, the American Academy of Orthopedic Surgeons, the

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LENGTHENING A LEG

A foot and ankle specialist at Tallahassee Orthopedic Clinic sees patients of all ages and conditions. "We see a lot of trauma – fractures; sports injuries, such as sprains and ruptured Achilles tendons; arthritis and other congenital problems," says Dr. Andrew Borom, who sees an average of 150 patients a week and has 40-50 operative cases a month.

One case in particular still holds a special place in his heart – a patient who had been stricken with polio as a young child. The patient came in with a severe limp because one leg was 1 1/2 inches shorter than the other and because the toes were stuck in a toes down position, which meant there was virtually no use of the toes whatsoever on that foot.

Borom was able to operate on the patient using a technique known as the Ilizarov method invented by the late Professor Gavriil Ilizarov, a Russian surgeon who worked in Siberia in the 1960s. "This is a limb-correction

process which can actually reshape injured or deformed limbs through minimally invasive surgery," explains Borom.

An external fixator is built before the surgery to match the deformity, and then attached to the limb through the bone by thin steel wires and titanium pins. The technique actually relies on the body's ability to heal itself because, postoperatively, the fixator is gradually adjusted to slowly reshape the bone and help correct length or deformity. As the new bone tissue forms it helps fill in the gaps and ultimately assumes the strength of the original bone.

"In this particular case, the patient's leg was lengthened by an inch and a half over a six-month period. As a physician, that is so rewarding. But for patients, that kind of result changes lives and gives people hope like none other."



Donald M. Dewey (continued)

also one of the brightest students at his elementary school.”

Another child close to Dewey’s heart is another six-year-old boy, this one from the Caribbean. Missing one of the bones in his leg, the youngster had only walked on his knees when he came to TOC. “This child told me all he ever wanted to do was stand up.” And a few days after his surgery, the young child did just that, walking over to Dr. Dewey and giving him a giant hug. “You never get tired of making that kind of difference to a child. We’ve worked on children from China, Vietnam, Russia, the Caribbean, Haiti, Cuba ... all over the world,” says Dewey smiling warmly.

In fact, this is the 15th year Tallahassee Orthopedic Clinic will throw its annual kids’ holiday party. Last year more than 200 children, all former patients, came to the party. “It’s like a big reunion for these folks,” says Dewey, who dresses up in costume each year for the annual gathering.

Feeling blessed and fortunate to be a part of TOC, Dewey says they are like a big family. “This community

is beautiful, the people are friendly, our clinic has amazing physicians and staff, a state-of-the-art facility and a remarkably progressive attitude about orthopedics. I can’t imagine working anywhere else.”

Dewey served as Chairman of the Department of Orthopedics at Tallahassee Memorial Regional Medical Center from 1988-1991 and is a Fellow with the American Academy of Orthopedic Surgeons as well as an instructor with the Tallahassee Family Practice Residency Program. He is also a member of the American Medical Association, the American Academy of Orthotists and Prosthetists, the American Board for Certification in Prosthetics and Orthotics, the Florida Medical Association, the American Academy of Foot and Ankle Surgery, the American College of Surgeons, the Capital Regional Medical Center Board of Trustees and the Medical Director for the Florida Special Olympics.

Andrew Borom (continued)

Arizona Medical Society, Florida Orthopedic Society, Florida Medical Association and the Western Orthopedic Association.

“I came to Tallahassee Orthopedic Clinic because of the emphasis we place on sub-specialties and our progressive attitude toward incorporating new technology. This is a really forward-thinking group of professionals and there is no

denying that the physicians here are trained at the best institutes in the country,” says Borom. “The level at which each specialist and sub-specialist is trained positions us as a real industry leader. If you live in this area, you can’t find higher quality or more diversified care by traveling any where else in the country.”

Tallahassee Orthopedic Clinic Division of Orthotics & Prosthetics

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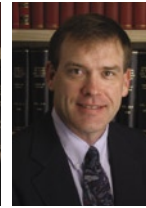
Dr. Wingo



Dr. Dewey



Dr. Jordan



Dr. Fahey



Dr. Berg



Dr. Rolle



Dr. Thompson



Dr. Jaggears



Dr. Wong



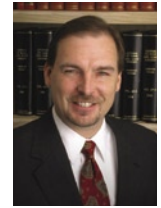
Dr. R. Bellamy



Dr. D. Bellamy



Dr. Borom



Dr. Park



Dr. Stowers



Dr. Alexander

PHYSICIAN ASSISTANTS

Don Beeman	Steve Judge
Mike Bertagnolli	Scott Krueger
Meg Cureton	Joel Ledford
Tom Cureton	Brian Parker
Jim Franklin	Shannon Roney
Mel Gaston	Mark Thiele

NURSE PRACTITIONERS

Judi Bosse	Amy Pontello
Jill David	Mary Strange

Fellowship Trained In:

Joint Reconstruction • Sports Medicine
Knee, Foot and Ankle • Spine • Hand • Upper Extremity

Satellite Offices Located In:

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And Bainbridge, GA

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