

**Dr.** Vermillion is board certified in Orthopaedic Surgery and has completed fellowship training in Joint Restoration. He is one of the only surgeons in Alaska that performs minimal incision total knee replacements (arthroplasty). He also has a strong background in Sports Medicine and this interest has led him to become one of the most experienced cartilage restoration surgeons in the nation. He is currently working to refine new techniques that utilize biotechnology to replace normal cartilage. He is also developing new techniques for limb alignment procedures that are essential in joint restoration.

**Dr.** Vermillion served in the military for over 21 years after graduating from West Point. Prior to going to medical school he served as an infantryman and was selected to be on the United States Modern Pentathlon Team. He knows what it is like to have injuries and always seeks to get patients back to their highest functional level possible.

**Sports Medicine**  
**Conservative Treatment**  
**Ligament/Tendon Repair**  
**Joint Restoration**  
**General Orthopedics including**  
**upper and lower extremities**

## Orthopaedic Research Clinic of Alaska

2741 DeBarr Road, Suite C-308

Anchorage, AK 99508

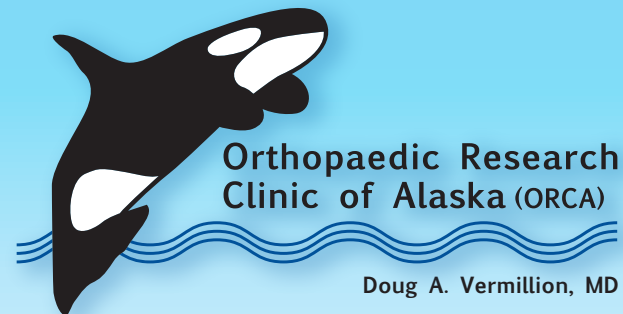
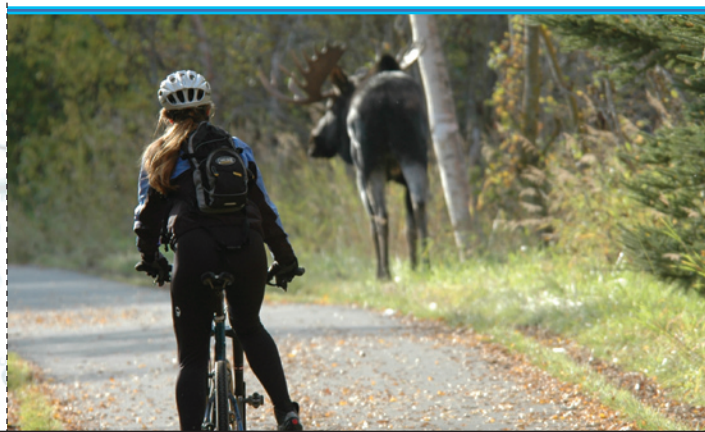
Phone: 907-644-6055

Fax: 907-644-4885

E-mail: [drvermillion@gci.net](mailto:drvermillion@gci.net)

*All medical care should be individualized to a patient's functional level, medical condition, and personal choice.*

Working to help you maintain an active lifestyle.



**Doug A. Vermillion, MD**  
**Orthopaedic Specialist**

# Non-Operative Treatment

Non-operative treatment is often appropriate and may include:

- medical therapy with anti-inflammatory medications,
- physical therapy
- steroid injections for temporary relief of inflammation,
- hyaluronate injections
- chondroitin or glucosamine to help build cartilage
- electrical stimulation to increase cartilage cell activity
- bracing and wedging to offload the damaged part of the knee.

# Surgical Treatment

## Knee

- Autologous cell implantation
- Cartilage implantation
- OATS procedure
- Meniscus allograft
- High tibial osteotomy
- Distal femoral osteotomy
- Meniscus debridement
- Meniscus repair

- Cartilage microfracture
- ACL reconstruction
- Collateral ligament reconstruction
- Mini-incision total knee replacement
- Mini-incision uni knee replacement
- Total knee revision

## Foot & Ankle

- Lateral ligament reconstruction
- Autologous cell implantation
- Arthroscopy
- Peroneal tendon repair/reconstruction
- Subtalar fusion
- MTP fusion
- Ankle fusion
- Toe deformity correction
- Bunionectomy
- Correction of foot deformity
- Posterior tibialis reconstruction

## Hip

- Total hip arthroplasty
- Total hip revision
- Hip core decompression

## Shoulder

- Bankart repair
- Arthroscopy
- Debridement
- Total shoulder arthroplasty
- Hemiarthroplasty
- Rotator cuff repair
- Repair of biceps tendon

## Elbow

- Total elbow arthroplasty
- Elbow arthroscopy
- Tennis elbow
- Medial collateral ligament reconstruction
- Biceps tendon repair

## Wrist

- Arthroscopy
- Scaphoid non-union
- Tendon debridement

## Hand

- Carpal tunnel release
- Trigger finger release
- Fractures
- Tendon Repair