INTRODUCTION

- Considering the sciatic nerve can be entrapped by structures in each layer of the hip, a comprehensive physical examination with a thorough understanding of anatomy and biomechanics is critical in cases of deep gluteal pain.

DEEP GLUTEAL SPACE ANATOMY

- Anatomical limits
- The piriformis muscle
- Neural and vascular structures

SCIATIC NERVE BIOMECHANICS

- Excursion
- Strain

ETIOLOGY

CLINICAL PRESENTATION AND ANCILLARY TESTING

- Comprehensive physical examination
- Detailed history,
- Standardized radiographic interpretation
- Symptoms
• Physical examination tests
• Ancillary Testing

TREATMENT

• Non-operative treatment
• Endoscopic techniques

DIFFERENTIAL DIAGNOSES

• Ischiofemoral Impingement
• Proximal Hamstring Tendon Lesions
• Pudendal Nerve Entrapment
• Intrapelvic Sciatic Entrapment

References


11. Hatem, MA, Palmer IJ, Martin HD. Diagnosis and 2-year outcomes of endoscopic treatment for ischiofemoral impingement. *Arthroscopy.* 2014 (Accepted, in production).


