

# Foot Drop Due To Peroneal Ganglion Cyst In An Adolescent

C Jackman, D Sokol, K Applegate, K Kayes, W Mahmud

## Citation

C Jackman, D Sokol, K Applegate, K Kayes, W Mahmud. *Foot Drop Due To Peroneal Ganglion Cyst In An Adolescent*. The Internet Journal of Neurology. 2004 Volume 3 Number 2.

## Abstract

Nerve compression by a ganglion is rare in children. Compression of the peroneal nerve by a ganglionic cyst causing foot drop is reported in an adolescent male.

## CASE REPORT

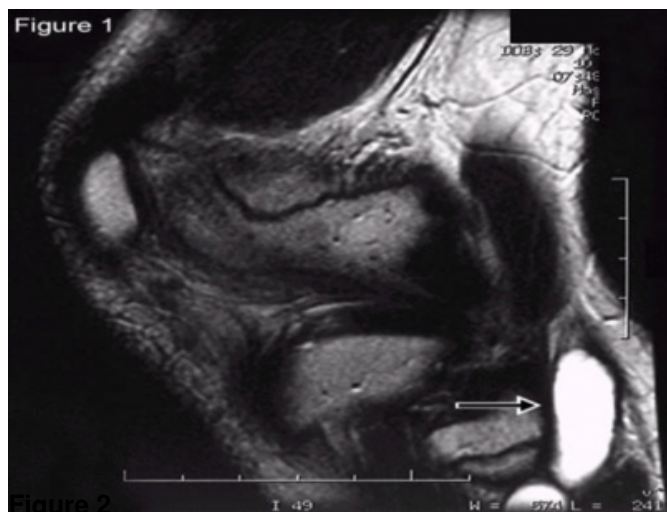
A 14 year-old male tennis player presented with a gradually progressive left foot drop. Three weeks prior, he found a knot behind his left knee that resolved. Sagittal MRI T2-weighted images of the left knee demonstrated a lobulated, cystic mass, antero-lateral to the fibular head. Upon excision, a ganglion cyst was found to be compressing the common peroneal nerve. The child recovered at three months.

## CONCLUSION

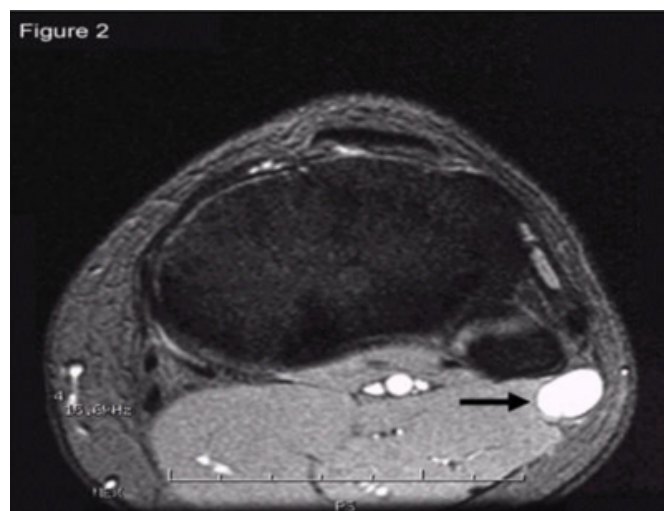
Nerve compression by a ganglion is rare in children (1). Rapid, repetitive actions involving acceleration/deceleration have been theorized to predispose ganglion cyst formation (2).

## Figure 1

Figure 1: Sagittal T-2 weighted image of left knee showing ganglion cyst compressing peroneal nerve.



ganglion cyst.



## References

1. Beck, TD Jr, Miller, KE & Kruse, RW. An unusual presentation of in toeing in a child. *Journal of the American Osteopathic Association*, 1998; 98: 48-50.
2. Wang, DH, Koehler, SM. Isolated infraspinatus atrophy in a collegiate volleyball player. *Clinical Journal of Sport Medicine*, 1996; 6:255-8.

Figure 2: Axial T-2 weighted image of left knee showing

**Author Information**

**C. Jackman**

Department of Neurology, Riley Hospital, Indiana University School of Medicine

**D. Sokol**

Department of Neurology, Riley Hospital, Indiana University School of Medicine

**K. Applegate**

Department of Neurology, Riley Hospital, Indiana University School of Medicine

**K. Kayes**

Department of Neurology, Riley Hospital, Indiana University School of Medicine

**W. Mahmud**

Department of Neurology, Riley Hospital, Indiana University School of Medicine