

Fong Disease

Joseph Junewick, MD FACR

07/09/2009

History

10 year old female with knee pain after walking.

Diagnosis

Nail-Patella Syndrome (Fong Disease)

Discussion

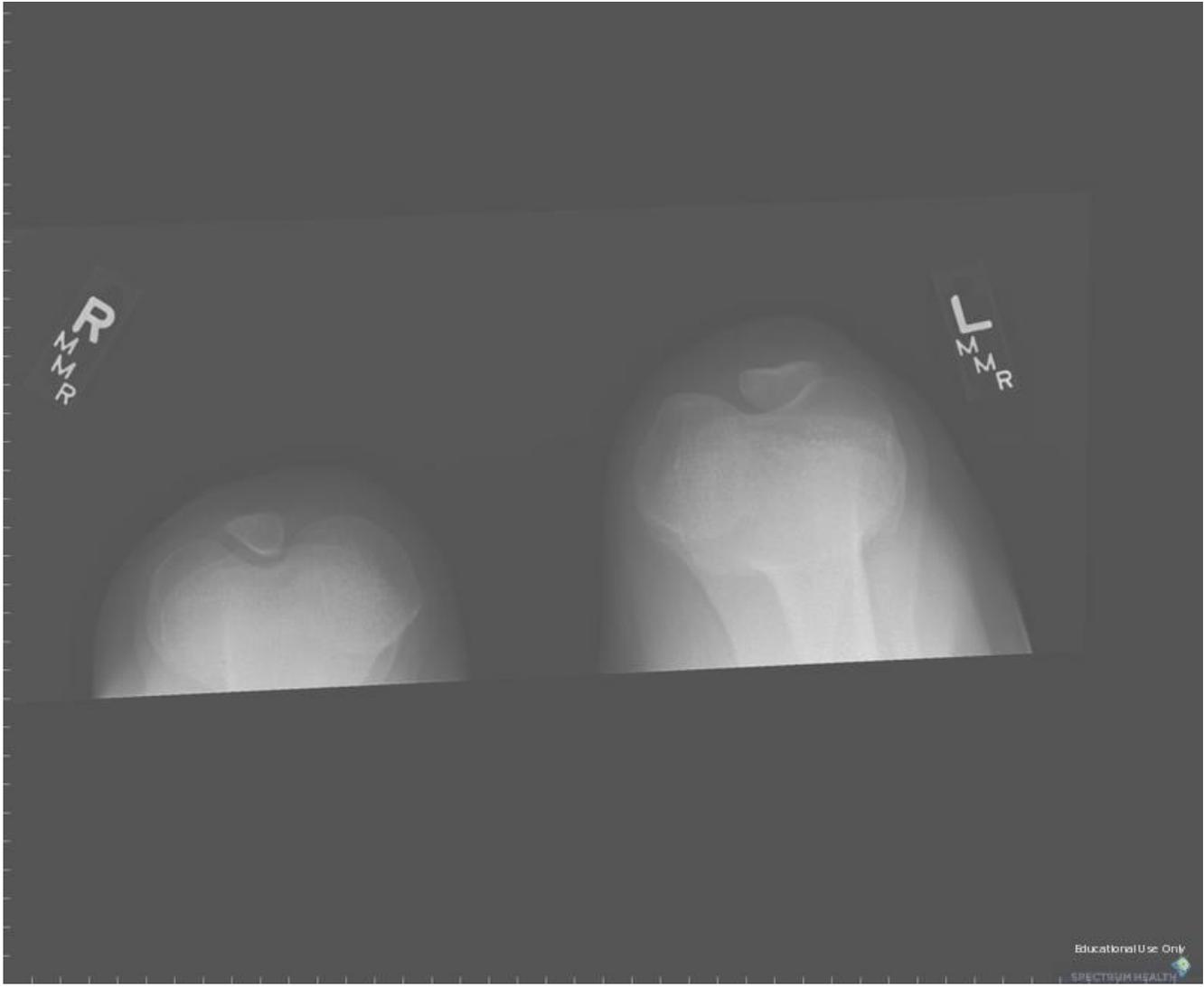
Patellar hypoplasia can be familial or be associated with nail-patella syndrome, congenital dislocation of the patella or quadriceps contracture.

Fong disease (nail-patella syndrome) is autosomal dominant, related to chromosome 9q. The major clinical manifestations include dysplastic nails, hypoplastic or absent patellae, and nephropathy. Iliac horns are sometimes palpable.

Findings

Pelvis XR-Linear sclerotic densities are seen in the mid-ilia bilaterally, representing "iliac horns". Bilateral Knee XR-Sunrise view of the knees demonstrates hypoplastic patellae centered in the intercondylar grooves.





Sponsored By



Disclaimer

This teaching site is partially funded by an educational grant from GE Healthcare and Advanced Radiology Services, PC. The material on this site is independently controlled by Advanced Radiology Services, PC, and GE Healthcare and Spectrum Health have no influence over the content of this site
Content Download Agreement

The cases and images on this website are owned by Spectrum Health. Permission is granted (for nonprofit educational purposes) to download and print materials to distribute for the purpose of facilitating the education of health professionals. The authors retain all rights to the material and users are requested to acknowledge the source of the material.

Site Disclaimer

This site is developed to reach healthcare professionals and medical students. Nothing this site should be considered medical advice.

Only your own doctor can help you make decisions about your medical care. If you have a specific medical question or are seeking medical care, please contact your physician.

The information in this website is provided for general medical education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific medical condition.

The viewpoints expressed in these cases are those of the authors. They do not represent an endorsement. In no event will Advanced Radiology Associates, PC, Spectrum Health Hospitals (Helen DeVos Children's Hospital) or GE Healthcare be liable for any decision made or action taken in reliance upon the information provided through this website.