Osteopathia Striata

Joseph Junewick, MD FACR

12/14/2008

History
9 year old female with hearing loss

Diagnosis
Osteopathia Striata with Cranial Sclerosis - Voorhoeve Disease - Hyperostosis Generalisata with Striation.

Discussion
Osteopathia striata with cranial sclerosis is an autosomal dominant disorder with variable intrafamilial expression first describe by Voorhoeve. Females are more often affected but males are more severely affected. Perhaps there is a common genetic link between osteopathia striata, melorheostosis, and osteopoikilosis. Striations develop during childhood and are not progressive. Facial nerve palsy, ophthalmoplegia, hearing loss occur as a result of cranial sclerosis. Osteopathia striata without cranial sclerosis is probably a mild form of this disease.

Findings
Macrocephaly frontal bossing.
Depressed nasal bridge.
Hypertelorism.
Poorly aerated sinuses.
Linear, regular longitudinal metaphyseal bands.
Fan-like striations of iliac bones.
Occasional exostoses.
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.