

Enchondromatosis

By the term **enchondromatosis** we mean the multiple occurrence of **enchondromas** (islands of cartilage tissue in the metaphyses of tubular bones), which slow down growth and deform the bone.

- *Ollier's disease* (Louis Léopold Ollier (1830-1900), French surgeon) – half body affected
- **Maffucci syndromem** (Angelo Maffuccini (1847-1903), Italian pathologist) – enchondromatosis + multiple hemangiomas (i.e. hemangiomatosis)

Clinical picture

- affected long bones shortened and bent, extended metaphyses
- when the hands are affected, the fingers are extended and deformed, on the forearm pseudomadelung's deformity (see Madelungs deformity), genu valgum

X-ray image

- cloudy clearing, calcified strips going from the metaphysis to the diaphysis

Therapy

- removal of symptomatic enchondromas, spondioplasty
- corrective osteotomy and bone prolongation
- dispensary (risk of malignancy)



Enchondromas of the distal part of the radius..

Links

References

- DUNGL, P.. *Ortopedie*. 1. edition. Praha : Grada Publishing, 2005. ISBN 80-247-0550-8.
- Wikipedia. *Wikipedia, The Free Encyclopedia : Ollier Disease* [online]. ©2006. The last revision 2009, [cit. 2009]. <https://en.wikipedia.org/wiki/Ollier_disease>.

Related articles

- Achondroplasia
- Thanatophoric dwarfism
- Diastrophic dysplasia
- Spondyloepiphyseal dysplasia
- Larsen syndrome
- Congenital multiple exostoses
- Fibrous bone dysplasia
- Neurofibromatosis
- Dysostosis cleidocranialis
- Apert syndrome
- Osteogenesis imperfecta
- Morbus Albers-Schönberg
- Osteopoikilosis
- Arthrogryposis multiplex congenita
- Marfan syndrome
- Mucopolysaccharidosis
- Hereditary osteonychodysplasia (nail-patella syndrome)