Chapter 116

Osteogenesis Imperfecta (OI)

Jose M. Ramirez

OI is caused by a qualitative and/or quantitative defect in what protein?	Type 1 Collagen
What medical therapy can reduce fracture rate in OI?	Bisphosphonate therapy
Signs of myelopathy on exam should raise concern for what complication associated with OI?	Basilar invagination
What upper extremity fracture is pathognomonic for OI?	Olecranon apophyseal avulsion fracture
What lower extremity deformity associated with OI can lead to a Trendelenburg gait?	Coxa Vara

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