Orthopaedic Emergency of Hemophilia: "Compartment Syndrome in Infant"

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Introduction:
Compartment Syndrome is one of the most important emergencies in Orthopaedics. And Hemophilia is one of the rare intrinsic causes of this condition. In this case report, we share our experience in hemophilia diagnosis, presenting as compartment syndrome.

Case Report:
A male patient of 6 months of age is administered our hospital with swelling and diminished circulation at left arm after intravenous blood sampling for the history of bruising and ecchymosis at different locations of his body without trauma. While Orthopaedic examination focused on Compartment Syndrome, this condition with bleeding diathesis is investigated for hemophilia. And elevated aPTT levels and decreased factor VIII levels are detected. Without any previous diagnosis of diathesis of hemorrhage, hemophilia is diagnosed, presented as Compartment Syndrome.

Discussion:
A hand surgeon must be alert for Compartment Syndrome in hemophilia patients especially in the pediatric population with limited anamnesis and orientation. And perioperative management of diathesis of bleeding must be done cooperatively with Pediatrician.