Guest Editor:

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Limb Lengthening and Reconstruction in Children

Message from the Guest Editor

In 1741, Nicholas Andry published Orthopediae (Greek for Straightening Children), which became the name of the subspeciality. Deformity correction in children remains one of the most challenging aspects of orthopedics. This symposium will discuss the state of the art of limb lengthening and deformity correction as applied to congenital and developmental deformities, limb length discrepancies and dysplasias of the upper and lower limbs (congenital femoral deficiency (CFD), fibular hemimelia (FH), tibial hemimelia (TH), radial club hand, Blount’s disease, multiple hereditary exostoses (MHE) and olliers), congenital pseudarthrosis of the tibia (CPT), and skeletal dysplasias (achondroplasia, hypochondroplasia, pseudoachondroplasia, etc). Many of these conditions, which were previously only treatable by amputation and prosthetic fitting, can now successfully be treated by limb lengthening and reconstruction, employing new surgical reconstructive procedures and advanced limb lengthening technologies (computer dependent external fixators and fully implantable lengthening plates and nails).