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Short Communication

My attempt in Prosthetic management of Rotationplasty

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Abstract

Osteogenic Sarcoma of proximal or distal shaft of femur is a debilitating condition. To treat such patient, limb salvage is the most appropriate option which in turn helps to save the life of patient. In 1930 Borggreve from Germany was the first to describe this procedure. In 1950 Van Ness first used this technique to treat patient with proximal femoral focal deficiency (PFFD). In late 1970s Saltzer and Kotz adopted it to treat patient with Osteogenic Sarcoma. Before the effective prosthetic management of Rotationplasty of a patient with Osteosarcoma in the shaft of femur the Hip disarticulation was the only option. Prosthetic management with Hip disarticulation Prosthesis results in cumbersome prosthesis with high energy consumption which is not patient friendly. With Rotationplasty prosthesis patient facilitated to use his/her new biological knee with the prosthesis which is almost like Transtibialprosthesis .

Biography

LukeshkumarBhuyaris a Clinical Prosthetist&Orthotist and Academician by profession and works with one of the Central Govt. Physical Rehabilitation Institute at Mumbai, India. He holds a Matersin Prosthetics and Orthotics from Maharashtra University of Health Sciences, Nashik, Maharashtra, India. He has also applied for PhD in IIT, Bombay.

References

1. WinkelmannRotationplasty. www.orthopclin North Am. 1996 Jul;27(3):503- 23.PMID: 2. Bochmann D: Prosthetic devices for the management of proximal femoral focal
3. Borggreve J: Knieglenksersatydurch das in der Beinlang-achse um 18 Grad gedrehte
4. Campanacci M, Bacci G, Pagani P, et al: Multiple-drug chemotherapy for the primary
5. Campanacci M, Coster P: Total resection of distal femur or proximal tibia for bone

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