Heterotopic Ossification in spinal cord injury patient is a challenge to the plastic surgeon

Heterotopic Ossification (HO) is a devastating disease in many patients with primary diagnosis of spinal injury, brain injury, and burn injury. Twenty percent of SCI patients develop this abnormal pathological calcification around their joints and muscles, which will eventually end in multiple complications to the patient, example, restricted the range of motion to the joints which may end in the complete analysis, developing pressure ulcer which is secondary to abnormal fixation of the hip joints and the pelvis. To summarize the end result is tremendous changes in the quality of patient life. Nowadays the plastic surgeon involves in the management of many diseases which may involve different specialties. The advancement of reconstructive surgery has helped to apply this management of the HO disease. The Author will present a comprehensive presentation of the pathological manifestation and surgical management with post-operative management to prevent recurrence of the disease.

Biography

Rubayi is a fully trained plastic surgeon from the UK and USA. During the last 36 years he is practicing reconstructive plastic surgery in burn and spinal cord injury patient presented with wounds and pressure ulcers, and hip joint involved with infection and HO. He published many articles and he taught this field to the plastic resident at USC and UCLA. His last publication is a book “Reconstructive Plastic Surgery of Pressure Ulcers” by Springer 2015. He is Chairman, Dept. of Surgery and Chief of Pressure Ulcer Management Program at Rancho Los Amigos National Rehabilitation Center at Downey, CA, USA and Professor of clinical surgery at USC.

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