

Rehabilitation Challenge December 2018

A 13 years old school girl from poor socioeconomic family presented with left above elbow amputation (Fig. 1, Fig. 2) due to fracture of both bone forearm after fall from height and gangrene due to tight plaster cast.

On clinical Examination, the stump was short (8 cm) and there was painful neuromas at the end of the stump. Power around the shoulder was 4/5. She was treated conservatively including neuroma management, stump care, figure of 8 bandage and exercises.

She wants to perform some activities with her prosthetic hand including her School activities. She is not willing for a cosmetic prosthesis only. She is hopeful of being fitted with some functional and light weight prosthesis and her family is quite optimistic about her future potential.

Please opine about the prosthetic prescription of this young girl with considering her age socioeconomic condition and level of expectation.



Fig. 1: School girl with left above elbow amputation



Fig. 2: Fracture of both bone forearm after fall from height and gangrene due to tight plaster cast