

Pictorial Continuing Medical Education

Pencil in Cup Deformity in Psoriatic Arthropathy

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A 32 years old male patient presented with asymmetrical polyarthritits for last 4 years which was not responded with NSAIDs and other nonpharmacological management. On examination, there is classical psoriatic lesion over extensor surface of both elbow and shin area (Fig. 1). On further examination, he reveals pitting of nail (Fig. 2), onycholysis and shortening of left ring finger (Fig. 3) due to the disease process.

Overall disease severity score was quite high with BASDAI 6.2, DAPSAI 21. He was treated with tablet methotrexate and sulphasalazine for last 6 months. His X-ray of left hand shows classical pencil in cup deformity (Fig. 4). Later on, he was treated with three doses of infliximab. Currently he is pain free and fully independent.



Fig. 1: Classical psoriatic lesion over extensor surface of both elbow and shin area

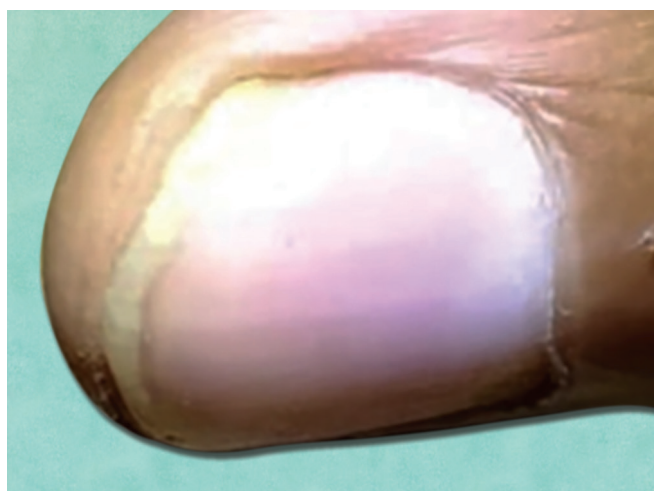


Fig. 2: Pitting of nail



Fig. 3: Onycholysis and shortening of left ring finger



Fig. 4: Classical pencil in cup deformity