

A rare case of Unilateral Nevus Comedonicus with Dermatomal distribution diagnosed & managed successfully at Parul Sevashram Hospital

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Consulting Pathologist: Dr. Amrish Shah & Dr. Ashish Jawarkar

A female patient aged 38 years presented to the Department of Dermatology at Parul Sevashram hospital with complaint of groups of discrete pits filled with Keratin resembling Comedones over her left shoulder extending to left arm, left forearm and left lower back. Patient also had a similar complaint over left side of the face. The lesions were present since birth and gradually increasing in size not associated with itching. Patient had episodes of discharge and suppuration occasionally.

On Evaluation, Cutaneous Examination revealed multiple dilated Follicular openings filled with black plugs over the left shoulder, left arm, left forearm, left lower back and left side of the face, which were arranged linearly.

A punch Biopsy was done from the lesion, Histopathology showed Epidermal Hyperplasia with increased number of Melanocytes in the basal layer. The Epidermis showed Deep Invagination filled with Keratin resembling dilated hair follicle.

Based on the Clinical Characteristics and Histopathology findings Patient was diagnosed with **Nevus Comedonicus** and was treated with Topical Retinoids & Oral Antibiotics.

