



INFECTIOUS DISEASES (BACTERIAL, FUNGAL, VIRAL, PARASITIC, INFESTATIONS)

## UNUSUAL PRESENTATION OF LUPUS VULGARIS

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**Background:** Lupus vulgaris is an extremely chronic and progressive form of skin tuberculosis that occurs in individuals with moderate to high degrees of immunity to Mycobacterium tuberculosis. In India, however, lower extremities, especially the buttocks, are most frequently affected. Clinically, five general patterns: plaque, ulcerative and mutilating, vegetative, tumor-like, papular and nodular form.

**Observation:** A 35-Year-old female presented to us with erythematous swelling over right ear for last 8 months. Initially started with papule over right ear lobe non-tender non-itchy lesion which gradually progressive in size to present size. On examination a non-tender, 2 x 3 cm tumor like growth was present over right ear lobe. All sensation was normal over the lesion and there was no other hypopigmented hypo aesthetic lesion over body. There was no lymphadenopathy. BT Hansen's disease, Lupus Vulgaris, Angiolymphoid hyperplasia with eosinophilia, was kept as differential. On Histopathological examination shows irregular epidermal hyperplasia with dermal granulomatous inflammation and occasional Langhans' giant cells surrounded by a lymphoplasmacytic response. ZN stain is negative for AFB. Fite stain is negative for lepra bacilli. Mantoux test was positive with an induration of 12x 14 mm. Final diagnosis was Lupus vulgaris in a tumor like form.

**Key message:** Lupus vulgaris can present as infiltrated nodular lesion over ear lobe.

