

# A CASE OF DONOVANOSIS-RESISTANT TO STREPTOMYCIN BUT RESPONDED TO TETRACYCLINE

By \*

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Donovanosis with its multiplicity of names, popularly known as Granuloma Venereum is a chronic slowly progressive venereal disease of long incubation period, caused by an intracellular bacterial and bacillary micro organism, clinically characterised by red velvety granular ulceration, with raised rolled out margins, occurring on and round about genitalia, with no tendency to spontaneous healing.

Clinically 4 types are described: 1) Hypertrophic verrucose type, 2) Sclerotic or cicatricial type, 3) Fleshy, exuberant type, 4) Rapidly destructive necrotic type.

Extra genital manifestations round about Bucco oropharyngeal cavity were also described. Mechanical functional disability one of the most common symptoms complained of due to extensive ulceration. The lesions after due treatment heal by scarring and stenosis, even though Pseudo elephantiasis and squamous cell carcinoma also are encountered.

Diagnosis is mainly by Tissue spread and demonstration of causative organism by Leishman's stain. The organisms are highly pleomorphic and intracytoplasmic even though well developed forms are capsulated ovoid or bean-shaped, giving the closed safety pin appearance.

## CASE REPORT

C. S. Aged 22 years Male unmarried attended the Outpatient department during February, 1965 with extensive ulceration inguinal and inguinoscrotal regions both sides, of one year duration. History of exposure seven days prior to the appearance of ulceration. Ulcer started on preputial edge and after 7 days developed bilateral inguinal swellings which burst leaving extensive ulceration in inguinal and inguinoscrotal region.

He received local and systemic therapy of various types with no good affect.

On examination: Extensive red granular ulceration extending both inguinal and inguino-scrotal and perianal regions, and preputial edge and glans penis. The edges are rolled out. No slough.

Investigation:- V. D. R. L. :- Negative.

Serum Proteins:- 5.6 grams% Albumin 3.2 grams% Globulin 2.4 grams%.

Tissue spread stained by Leishman's showed predominance of large mono-nuclear cells. In some, intracytoplasmic Donovan bodies were seen.

Admitted on 15th February, 1965 and given Streptomycin 1 Gram daily I. M. for 15 days ulceration showed no signs of healing and tissue spread repeated showed similar picture.

Then Tetracycline (alicycline) 1 gram daily with B Complex was started. After seven days, the ulcer started healing and in 2 weeks the ulcer almost healed.

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Received for Publication on 10-5-1965.