ABSTRACT BOOK
ABSTRACTS

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

ASSESSMENT OF STRESS LEVEL OF INPATIENTS OF HANSEN'S DISEASE

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Background: Though India has eliminated Hansen's disease in 2005 still Hansen's disease continues to disturb the patient's psychology because of its sequel and stigma.

Aim and objective: To assess the stress level in inpatients of Hansen's disease on treatment and to measure the effect of counselling on stress level.

Materials and method: A longitudinal, prospective study was conducted from march 2016 to July 2017 in a Tertiary care hospital of Eastern India. All inpatients of Hansen's disease on treatment above 18 years age who stayed in hospital for minimum 2 weeks were included in study. Those with other disease co-morbidities along with Hansen's disease, on any psychotropics, not willing to undergo the assessment and stay for at least two weeks were excluded.Stress level was assessed at base line and at two weeks using hospital anxiety depression scale(HADS).They received treatment for the disease, symptomatic treatment and counselling daily by health workers. HADS score at baseline was compared with two week using student t test.

Results: Total 49 cases were analyzed. Mean age was 35+2.1 years. Males outnumbered females(M/F -32/17). 81.6% patients belonged to rural area. Most common diagnosis was lepromatous and borderline lepromatous leprosy with type 2 reaction. HADS score was highest in patients with type 2 reaction followed by trophic ulcer.HADS score was 17.6 and 8.7 at baseline and two weeks respectively with p value 0.000.

Conclusion: Hospital anxiety depression score was found to be high in inpatients of Hansen's disease suggesting increased stress level. Those patients having ENL and trophic ulcers the stress level was high. There was significant decrease in score at end of two weeks after treatment and counselling.

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