

ABSTRACTS

Topical Corticosteroids: B. S. N. Reddy and Gurmohan Singh, (Section of Skin & V. D., I. M. S., B. H. U., Varanasi-5), Ind. Med. Gazette. XVI : 42-48, 1976.

The importance of topical corticosteroids in dermatological therapy is a well established fact. The present communication reviews the chemistry, structure, potency relationships, percutaneous penetration, reservoir effect of stratum corneum, importance of base, mechanism of actions, bioassay systems and adverse effects of topical corticosteroids. A list of commercial corticosteroid preparations available in this country with active ingredients and their percentages are given.

Peutz-Jeghers Syndrome: B. S. N. Reddy, Gurmohan Singh, Susil Chandra, R. P. C. Naik, and R. Rao, (Section of Skin & V. D. and Dept. of Radiology, I. M. S., B. H. U., Varanasi-5). *Dermatologica*, 152 : 367-371, 1976.

This communication deals with the description of clinical and radiological features in a 12 year male child of Peutz-Jeghers syndrome, an uncommon genodermatosis. Apart from the abnormal oral muco-cutaneous pigmentation, air-contrast barium enema demonstrated multiple polyps in the colon and rectum. The present concept regarding the malignant transformation of polyps in this entity is discussed.

A New Model for Human Bioassay of Topical Corticosteroids: B.S.N. Reddy and Gurmohan Singh, (Section of skin & V. D., I. M. S., B. H. U., Varanasi-5). *Brit. J. Derm.*, 94 : 191, 1976.

This paper deals with the development of a new human bioassay procedure for topical corticosteroids which parallels the clinical efficacy and comparative evaluation of different topical corticosteroids. The ability of topical corticosteroid to reduce the weal induced with histamine pin-prick method on human skin is utilized to assess the relative efficacy. This procedure is a simple, easy and reliable process which can be used on both white and dark people.