

CLINICAL PATTERNS OF ACUTE RADIATION DERMATITIS AMONG PATIENTS ATTENDING DERMATOLOGY OUTPATIENT DEPARTMENT AT DISTRICT GOVERNMENT HOSPITAL OF GULBARAG – A STUDY

Sharaneshwari N Reshmi

District Government Hospital, Gulbarga-585 105, Karnataka, India

s.n.reshmi5@gmail.com

Radiation dermatitis (RD) is a commonly encountered adverse effect of definitive radiation therapy. The severity of RD is influenced by multiple patient and treatment-related factors. Radiation depletes the basal cell layer of skin and initiates a complex sequence of events leading to dose-dependent acute or late sequel. The management of RD requires a multidisciplinary approach. The aim is to highlight the pattern and the profile of patients with acute RD attending dermatology outpatient department. Hospital-based cross-sectional study of 47 consecutive adult patients with acute RD attending skin outpatient

department over a period of 12 months. A total of 47 patients of RD attended the skin clinic, of which were 16 males and 31 females. The RD was reported within the first 2 weeks of initiation of therapy in most of the patients. Grade 1 RD was the least common presentation. This study highlights the importance of grading the RD, for the appropriate management of the patients suffering from the same and is also a step toward the prevention of the RD.

Keywords: Acute radiation dermatitis, Radiation dermatitis, Radiotherapy