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Evaluation of the mortality in systemic Lupus erythematosus (SLE): Analysis of 2021 patients

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
Abstract:

Lupus erythematosus (LE) is an autoimmune disease. The mortality rate and causes of death are different in various countries. The present study is done to find out the causes of mortality in the systemic lupus erythematosus (SLE) patients in lupus unit of Rheumatology Research Center and other wards of Shariati Hospital. This study was retrospective according to medical records of patients who were referred to Lupus Unit of Rheumatology Research center, ICU, Gynecology and Nephrology wards of Shariati hospital during 10 years, from 1991 till 2001. Of 2021-recorded patient's files, 165 (7.8%) deaths were already recorded. 84.8% were female and 15.2% male. The duration of disease was 36 ± 12 months. The mean duration of follow up from entering the study till time of death was 25.9 ± 16.8 months. The causes of mortality were as follows: infection (12.1%), respiratory (8.5%), CNS (13.9%), kidney (3.6%), malignancy (1.2%), unknown (7.8%), active lupus (3%). Infection accompanied with other causes (27.9%), respiratory with other causes (11.5%), CNS with other causes (5.5%) and renal with other causes (4.8%). Infections are the most common cause of death in SLE Iranian patients, which is compatible with some multicentric studies. But in some previous studies myocardial infarction was reported as the main cause of death.

Keywords:

Systemic lupus erythematosus (SLE)

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