Effect of Steroid Use on the Length of Staying in Hospital in Acute Follicular Tonsillitis Patients in AlNoor Specialties Hospital in Makkah Between the period of 2011-2016

Abstract:

The aim of this study was to know if there is any difference in length of stay in hospital if we use steroid, and also to assess the most common organism that cause acute follicular tonsillitis in Al Noor hospital in patients with positive throat swab. A retrospective cohort study for total of 148 patients who had admitted in Al Noor Specialty Hospital in Makkah in period between 2011-2016 with acute follicular tonsillitis "AFT". A 38 patient with AFT received IV steroid either dexamethasone or Hydrocortisone while the rest did not receive any type of steroid. The data was collected by reviewing the file of those patients then filling a sheet that include personal data, diagnosis, length of stay, steroid use and its frequency, throat swab and their result, sensitivity of organism to Antibiotics, and type of antibiotics that had been used. As for the result of throat swab most of the patient had no growth (58,7%) and swab (33,3%). Checking the sensitivity of organism to antibiotics showed that most of the patient had no sensitivity to any organism. Only few patients had sensitivity to ampillicin, cefuroxine, metronidazole, clindamycin, penicellin, gentamicin, levofloxacin, vancomycin, clindamycin. Most of the patients (73,4%) didn't use any steroid, 12% used dexamethasone. The association between steroid and decrease the length of stay in hospital for those patients with acute tonsillitis was significant in effect, as reflected by P values ($P<0.05$) which is a significance level.

Publications:-

- Prevalence of High Risk Group of Obstructive Sleep Apnea Among Western Region Population in Saudi Arabia" Published by The Egyptian Journal of Hospital Medicine ISSN 1687-2002.
- Effect of Steroid Use on the Length of Staying in Hospital in Acute Follicular Tonsillitis Patients in Al Noor Specialists Hospital in Makkah Between the period of 2011-2016" Published by International Journal of Healthcare Sciences ISSN 2348-5428.
- Rheumatology Book . In "Skills in Rheumatology" Book by H. Almoallim, ISBN: 9780702062339, Published by Elsevier 2016.



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