

A PRESCRIBING PATTERNS OF ANALGESICS IN A TERTIARY CARE HOSPITAL: A PROSPECTIVE AND OBSERVATIONAL STUDY

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ABSTRACT:

Pain is an unpleasant sensory and emotional experience that requires to be addressed with analgesics. In the present study it is evaluated that the prescribing patterns of analgesic to attain the rationality (Proper dispensing of drugs, cost, safety and efficacy) and cost effective medication care. A total of 360 patients were enrolled in the present study to extract the necessary data, majority were male (233). Maximum subjects were found to be between the age group of 56-65 years. Among 360 patients 575 analgesics have been prescribed, of which most commonly prescribed analgesic was Acetaminophen (288) and least prescribed was Ibuprofen (1) and Morphine (01). The simplest route of analgesics chosen was oral route it's about 384 followed by Intra venous (123). There were around 30 irrational prescriptions with analgesics out of 360. Most of analgesics prescribed were with brand names (499) in comparison with Generic names (76), which make the financial differentiation between the patients. Adjuvant drugs such as Ranitidine and PPIs play an important role in minimizing the possible side effect induced by analgesics (NSAIDS). There is a tremendous scope for clinical pharmacist intervention/services in drug-drug interaction, rational prescription writing and cost effective selection of analgesics.

KEYWORDS: Prescribing patterns; Analgesics; Drug-drug interaction; Rational prescription; Cost effective study.

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