



STUDY ON USE OF INTRAVENOUS ONDANSETRON IN CHILDREN WITH GASTRO ENTERITIS

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KEYWORDS :

OBJECTIVE:

To evaluate the efficacy of ondansetron for the treatment of vomiting, there by reducing the need for intravenous rehydration and stay in the hospital. A retrospective study was conducted by collecting datas from case sheets stored in Medical record department.

The study includes children from 1 -12 years of age admitted in paediatric ward suffering from vomiting and loose motion. Patients who needed intravenous rehydration were treated with ORS and IV ondansetron.[1]. Duration of vomiting loose motion, length of the stay in the hospital, intravenous fluid requirement were monitored.

Intravenous ondansetron is very effective in stopping vomiting there by lowering the need for intravenous fluids and reduction in hospital stay.[2]. Ondansetron is safe and rapidly acting antiemetic in preventing vomiting. The dose of ondansetron given was 0.2 mg/kg for children. There is increased success rate of retaining OR Therapy, reducing the need for intravenous fluid and hospital stay[3]. During the hospital stay children were monitored by staff nurses and doctors about hydration, vomiting, diarrhea and urine output.[4]. When vomiting and diarrhoea settled children were sent home. There is no gender difference noted. Average duration of stay was 2 – 3 days. Often zinc supplements and probiotics were given to reduce the loose motion.

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