

Oral ondansetron for paediatric gastroenteritis in primary care: a randomised controlled trial

Bonvanie IJ, et al. Br J Gen Pract. 2021 Jun; BJGP.2021.0211.

- Acute gastroenteritis affects almost all children aged ≤ 5 years.
- After randomization the control group received usual care, namely oral rehydration therapy & the intervention group received usual care plus one dose of oral ondansetron (0.1 mg/kg).
- Ondansetron decreased the proportion of children who continued vomiting within 4 hours from 42.9% to 19.5%.
- Ondansetron also decreased the number of vomiting episodes within 4 hours and improved overall parental satisfaction with treatment.

Children with acute gastroenteritis and increased risk of dehydration due to vomiting could be treated with ondansetron in primary care to stop vomiting more quickly and increase parental satisfaction with treatment.