

ONDANSETRON [ZOFRAN]

DRUG CLASSIFICATION	Selective Serotonin Type III Receptor Antagonist (5-HT3) Antiemetic Agent
MECHANISM OF ACTION	Ondansetron is a selective 5-HT3-receptor antagonist which produces antiemetic effects by blocking serotonin, both peripherally on vagal nerve terminals and centrally in the chemoreceptor trigger zone.
CLINICAL INDICATIONS	Symptomatic Abdominal Pain with Nausea and / or Vomiting
STANDARD CONTRAINDICATIONS	Hypersensitivity to Ondansetron or Other Relative Components Concomitant Use of Apomorphine
POTENTIAL ADVERSE EFFECTS	Atrial Fibrillation / Prolonged QTI / Torsades de Pointes / Serotonin Syndrome / Oculogyric Crisis / Increased Liver Enzymes / Constipation / Diarrhea / Xerostomia / Headache / Fever
GENERAL RISKS & PRECAUTION	1) Immediate symptoms of myocardial ischemia have been reported, most commonly related to coronary artery spasm. 2) Anaphylaxis and bronchospasm may occur in patients with hypersensitivity to selective 5-HT3 antagonists; discontinue in this occurrence. 3) Use caution in patients with electrolyte abnormalities, CHF, bradyarrhythmias, and concomitant use of QT prolonging medications. 4) Avoid use or use with extreme caution in patients with known or suspected congenital Long QT Syndrome (LQTS). 5) Use caution following abdominal surgery or chemotherapy as it may mask progressive ileus, gastric distension, or both. 6) Serotonin syndrome, sometimes fatal, has been reported, particularly with the concomitant use of serotonergic medications. 7) Do not use instead of nasogastric suction; does not stimulate gastric or intestinal peristalsis.
PROTOCOL INDEX	Abdominal Pain / Vomiting and Diarrhea (UP-3)

MEDICATION ADMINISTRATION

ADULT

PEDIATRIC

Abdominal Pain with Nausea / Vomiting
4 mg [IV/IO/ODT/IM]
May repeat in 15 minutes if needed

DO NOT ADMINISTER TO PEDIATRIC < 2 YEARS OLD
Abdominal Pain with Nausea / Vomiting
0.2 mg / kg [IV/IO/ODT/IM]; May repeat in 15 minutes if needed.
(Maximum Dose: 4 mg)