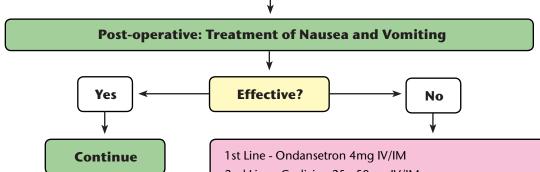
Antiemetic Guideline (PONV) for Adult Inpatients in the Perioperative Period



APFEL'S Risk Assessment			
Risk Factors	No of Factors	Risk of PONV	
Female	None	10%	LOW
Non smoker	1	20%	
			MEDIUM
History of PONV	2	40%	
Opioids used	3	60%	HIGH
	4	80%	HIGH

Pre-operatively: Reduce Baseline Risk. Consider prophylactic anti-emetics

- Consider regional anaesthesia
- If GA used reduce risk factors eg, inhalational agents, long acting opioids, Nitrous Oxide
- Consider propofol for induction and maintenance
- 1. No prophylactic drug for low risk group, prescribe ondansetron PRN
- 2. 1 2 drugs for medium risk or 2 or more for high risk patients
- 3. **High Risk** double or triple prophylaxis from different classes. Either Granisetron 1mg at induction or Ondansetron 4mg +/- Dexamethasone 3.3 to 6.6mg IV at induction, +/- Droperidol 0.625 1.25mg IV (caution regarding QT prolongation interactions).
- Regular ongoing treatment Ondansetron 4mg three times daily iv for up to 5 days.



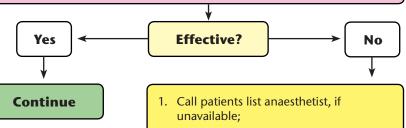
Tips

- Some patients will require regular antiemetics using 2 or more drugs.
- Ondansetron 4mg IV/IM repeated 8 hourly.
- Prochlorperazine 12.5mg IM, 10-20mg PO 8 hourly, 3-6mg buccal bd.
- Cyclizine, 50mg IV/IM/PO 8 hourly (25mg in elderly).
- Repetition of the same antiemetic within 6 hours may not be effective - choose another drug.
- Dexamethasone dose should not be repeated.
- Cyclizine, droperidol better antinausea profile
- Ondansetron better antiemetic.
- Granisetron longer acting alternative to Ondansetron
- Droperidol good for opioid induced (PCA) N & V.

2nd Line - Cyclizine 25 - 50mg IV/IM

3rd Line - Dexamethasone 3.3 to 6.6mg IV if not already given/

Prochlorperazine 12.5mg IM, 10-20mg PO 8 hourly, 3 - 6mg buccal bd 4th Line - Droperidol 0.625 - 1.25mg IV (caution regarding QT prolongation interactions).



- 2. Call Acute Pain/Clinical Nurse specialists S Anderson/L Steele DECT **6224/Pg 021**, *if unavailable:*
- 3. Call ACCU Pg 003 out-of-hours.

Approved by: C Slorach/S Anderson/L Steele/J Murphy. Jun 2022. Review date: Jun 202.