



### **Pertinent Assessment Findings**

1. Vital signs (pulse, blood pressure, respiratory rate, neurologic status assessment)
2. Risk factors for heart disease/EKG if applicable
3. Pregnancy status
4. Abdominal exam
5. Blood glucose levels

### **Quality Improvement**

**Associated NEMSIS Protocol(s) (eProtocol.01)** (for additional information, go to [www.nemsis.org](http://www.nemsis.org))

- 9914131 – Medical - Nausea/Vomiting

### **Key Documentation Elements**

- Patient age
- Patient weight and/or length-based weight measure for pediatric patients
- Medications given, including time, clinician level, dose, dose units, route, response, and complications
- Vital signs before and after medication administration
- History and physical regarding etiology of nausea/vomiting
- EKG performed and interpretation documented if cardiac risk factors are present

### **Performance Measures**

- In patients with nausea and vomiting, appropriate medication(s) was/were administered (including proper dosage) and the patient's response to treatment is documented
- Any event where complications occurred, such as a dystonic reaction, should have event and appropriate responsive interventions performed and documented
- **EMS® NEMSQA Measure** (for additional information, see [www.nemsqa.org](http://www.nemsqa.org))
  - o *Pediatrics—03: Documentation of Estimated Weight in Kilograms*

### **References**

1. ACOG Practice Bulletin No. 189: Nausea and Vomiting of Pregnancy. Committee on Practice Bulletins-Obstetrics. *Obstet Gynecol.* 2018;131(1): e15
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3. Colletti J, Brown KM, Sharieff GQ, Barata IA, Ishimine P; ACEP Pediatric Emergency Medicine Committee. The management of children with gastroenteritis and dehydration in the emergency department. *J Emerg Med.* 2010;38(5):686–98
4. Kenneday D. Ondansetron and pregnancy: understanding the data. *Obstet Med.* 2016;9(1):28–33
5. *Nausea and Vomiting of Pregnancy.* The American College of Obstetricians and Gynecologists; September 2015. Practice Bulletin Number 153
6. Niño-Serna LF, Acosta-Reyes J, Veroniki A, et al. Antiemetics in Children with Acute Gastroenteritis: A Meta-analysis. *Pediatrics.* 2020;145(4): e20193260
7. Patanwala A, Amini R, Hays DP, Rosen P. Antiemetic therapy for nausea and vomiting in the emergency department. *J Emerg Med.* 2010;39(3):330–6
8. Salvucci AA, Squire B, Burdick M, Luoto M, Brazzel D, Vaezazizi R. Ondansetron is safe and

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