



## Healthcare Organization Commitment

### Contact Details

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#### Name

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#### Position

Senior Vice President - Integrated and Acute Care Services/CNO

#### Organization Name

Parrish Medical Center

#### Organization Address

951 N Washington Ave  
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United States

### Commitment Details

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#### How many hospitals are represented in this commitment?

Last Report	Current
1	1

#### Commitment Summary

Nasogastric/Orogastric (NG/OG) tube placement is commonly used as an intervention in clinical practice for decompression of the stomach or for administration of enteral nutrition, fluid and medications. Misplacement of NG/OGs can lead to significant morbidity and even,

death.

### Commitment Update

Patients that have an NG/OG tube placed at Parrish Medical Center. Fluid retrieved from the NG/OG tube will have the pH checked prior to use of tube. Nasogastric tube placement is confirmed by testing the pH of Gastric aspirate which should be in the desired range of 1.0 to 5.0. Prevent the harm caused by the misplacement of nasogastric feeding tubes. Started in January 2019.

### Please describe any best practices your organization has learned through your commitment and share valuable lessons or challenges that were overcome

Vendors who manufacture NG/OG tubes need to update their IFU's to have pH testing included as the first option. Our main challenge is the order to collection time in minutes which was for January 2019 at 39.59, February 11.49, March 95.47, April 78.07 and May 66.22 minutes. 1. Specimen sometimes are being sent to the laboratory without orders which is causing delays in processing and testing of specimen. 2. All Gastric pH above 5 to have x-ray done to ensure placement of NG/OG tube is correct, right now not all Gastric pH above 5 have X-Ray order. 3. Gastric pH not currently being done on infants, needs assessment is currently being processed by Women's Center Manager.

### What Patient Safety Challenge does your Commitment address?

Challenge 15 - Nasogastric tube (NGT) placement and verification

### Impact Details

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By implementing the APSS, what cost benefits have you attained in the following areas?

#### Reduction in complication rates

This is the estimated lives saved so far this year: • 261 patients had the gastric PH performed. The benchmark average serious harm was reported 2.25% of the tubes placed caused serious harm. Estimated 6 lives were saved this year so far.

#### Acknowledgement

Yes, I acknowledge that this commitment may be used for external communication and publicly announced at the World Patient Safety, Science & Technology Summit. Furthermore, I agree that this commitment may appear on the website of The Patient Safety Movement Foundation or the Masimo Foundation. I also give permission for my commitment to be used in support of the promotion of the World Patient Safety, Science & Technology Summit as well as The Patient Safety Movement initiative.