

Pediatric Nasogastric Tube Placement and Verification: Best Practice Recommendations From the NOVEL Project

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Abstract

The placement of a nasogastric tube (NGT) in a pediatric patient is a common practice that is generally perceived as a benign bedside procedure. There is potential risk for NGT misplacement with each insertion. A misplaced NGT compromises patient safety, increasing the risk for serious and even fatal complications. There is no standardized method for verification of the initial NGT placement or reverification assessment of NGT location prior to use. Measurement of the acidity or pH of the gastric aspirate is the most frequently used evidence-based method to verify NGT placement. The radiograph, when properly obtained and interpreted, is considered the gold standard to verify NGT location. However, the uncertainty regarding cumulative radiation exposure related to radiographs in pediatric patients is a concern. To minimize risk and improve patient safety, there is a need to identify best practice and to standardize care for initial and ongoing NGT location verification. This article provides consensus recommendations for best practice related to NGT location verification in pediatric patients. These consensus recommendations are not intended as absolute policy statements; instead, they are intended to supplement but not replace professional training and judgment. These consensus recommendations have been approved by the American Society for Parental and Enteral Nutrition (ASPEN) Board of Directors.

References

- 1 Healthcare Cost and Utilization Project (HCUP). Overview of the National (Nationwide) Inpatient Sample (NIS). *Agency for Healthcare Research and Quality*. 2014. Available at:

Novel Tube Recommendations

**Shannon E. Perry, Marilyn J.
Hockenberry, Kitty Cashion, Kathryn
Rhodes Alden, Ellen Olshansky, Deitra
Leonard Lowdermilk**

Novel Tube Recommendations:

The book delves into Novel Tube Recommendations. Novel Tube Recommendations is an essential topic that must be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Novel Tube Recommendations, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:

- Chapter 1: Introduction to Novel Tube Recommendations
- Chapter 2: Essential Elements of Novel Tube Recommendations
- Chapter 3: Novel Tube Recommendations in Everyday Life
- Chapter 4: Novel Tube Recommendations in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, the author will provide an overview of Novel Tube Recommendations. This chapter will explore what Novel Tube Recommendations is, why Novel Tube Recommendations is vital, and how to effectively learn about Novel Tube Recommendations.
3. In chapter 2, the author will delve into the foundational concepts of Novel Tube Recommendations. This chapter will elucidate the essential principles that need to be understood to grasp Novel Tube Recommendations in its entirety.
4. In chapter 3, this book will examine the practical applications of Novel Tube Recommendations in daily life. This chapter will showcase real-world examples of how Novel Tube Recommendations can be effectively utilized in everyday scenarios.
5. In chapter 4, this book will scrutinize the relevance of Novel Tube Recommendations in specific contexts. The fourth chapter will explore how Novel Tube Recommendations is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, the author will draw a conclusion about Novel Tube Recommendations. This chapter will summarize the key points that have been discussed throughout the book.

The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Novel Tube Recommendations.

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