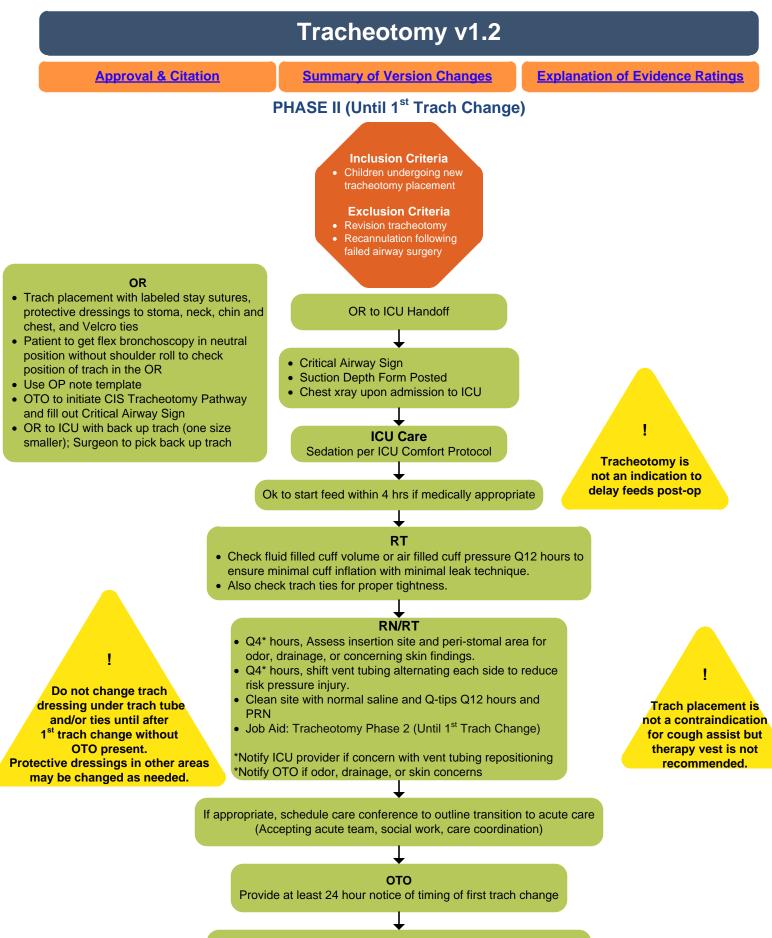


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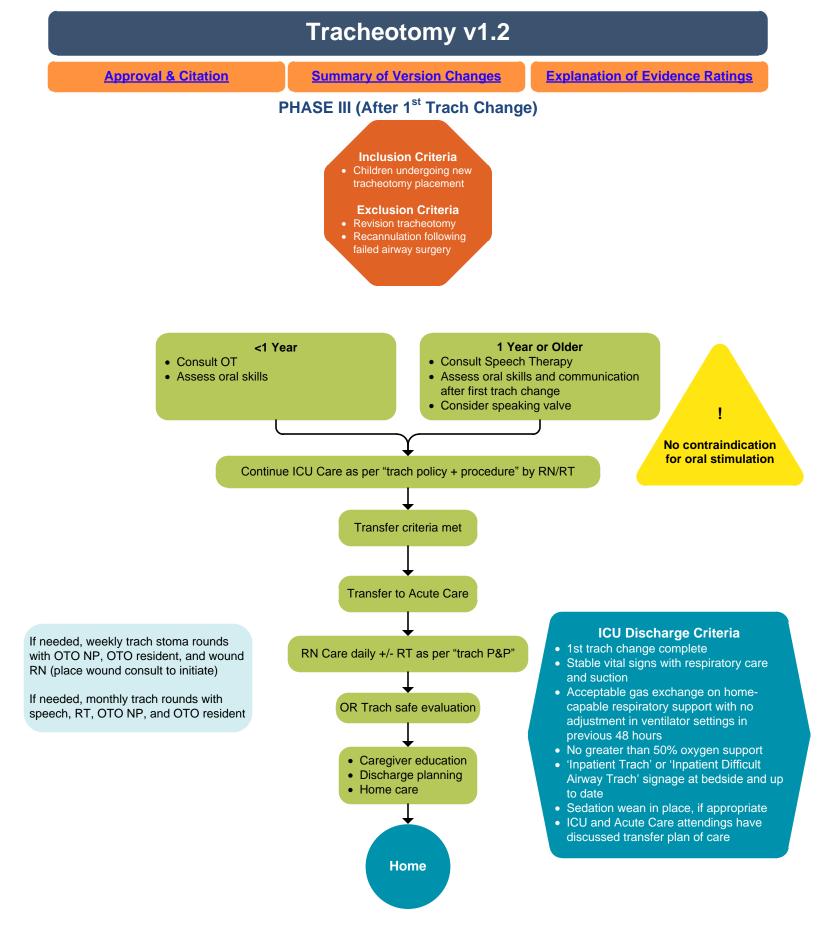
POD 5 to 7

First trach change
OTO, RN, RT, ICU Provider (Fellow/Attending) Present +/- Family

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Approved by the CSW Tracheotomy team for September 20, 2017 go live:

CSW Tracheotomy Team:

CSW Pathway Owner Medical Clinical Nurse Specialist Surgical Clinical Nurse Specialist ICU Clinical Nurse Specialist Certified Wound Consult Pediatric Critical Care Medicine Pediatric Respiratory Care Craniofacial Neonatal Intensive Care Pulmonary

Clinical Effectiveness Team:

Consultant: Project Manager: CE Analyst:

CIS Informatician: CIS Analyst: Librarian: Program Coordinator:

Executive Approval:

Sr. VP, Chief Medical Officer Sr. VP, Chief Nursing Officer Surgeon-in-Chief Sanjay Parikh, MD Anjanette Allard, RN, MN, CPN Rebecca Engberg, RN, BSN, CPN Hector Validivia, MN, RN, CCRN Leslie Newell, RN, BSN, CWCN, CCRN Elaine Jesselle Albert, MD, MHA Zeenia Billimoria, MD Kristina M. Callen, RT Kelly Evans, MD Karen Kelly, MN, RN, CCRN-K Amanda Striegl, MD

Jean Popalisky, RNP Asa Herrman Heather Marshall Maria Jerome Mike Leu Susan Stanford Sue Groshong Kristyn Simmons

Mark Del Beccaro, MD Madlyn Murrey, RN, MN Bob Sawin, MD

Retrieval Website: http://www.seattlechildrens.org/pdf/tracheotomy-pathway.pdf

Please cite as:

Seattle Children's Hospital, Parikh S, Allard A, Billimoria Z, Callen K, Evans K, Engberg R, Herrman A, Jesselle Albert E, Kelly K, Newell L, Popalisky J, Striegl A, Validivia H, 2017 September. Tracheotomy Pathway. Available from: <u>http://www.seattlechildrens.org/pdf/tracheotomy-pathway.pdf</u>



Evidence Ratings

This pathway was developed through local consensus based on published evidence and expert opinion as part of Clinical Standard Work at Seattle Children's. Pathway teams include representatives from Medical, Subspecialty, and/or Surgical Services, Nursing, Pharmacy, Clinical Effectiveness, and other services as appropriate.

When possible, we used the GRADE method of rating evidence quality. Evidence is first assessed as to whether it is from randomized trial or cohort studies. The rating is then adjusted in the following manner (from: Guyatt G et al. J Clin Epidemiol. 2011;4:383-94.):

Quality ratings are downgraded if studies:

- Have serious limitations
- Have inconsistent results
- If evidence does not directly address clinical questions
- If estimates are imprecise OR
- If it is felt that there is substantial publication bias

Quality ratings are *upgraded* if it is felt that:

- The effect size is large
- If studies are designed in a way that confounding would likely underreport the magnitude of the effect OR
- If a dose-response gradient is evident

Guideline – Recommendation is from a published guideline that used methodology deemed acceptable by the team.

Expert Opinion – Our expert opinion is based on available evidence that does not meet GRADE criteria (for example, case-control studies).

Quality of Evidence:

High quality
 Moderate quality
 OO Low quality
 OOO Very low quality
 Guideline
 Expert Opinion

Summary of Version Changes

- Version 1.0 (09/20/2017): Go live
- Version 1.1 (10/12/2018): Updated citation due to error
- Version 1.2 (1/18/2019): Added job aid to phase II.

Medical Disclaimer

Medicine is an ever-changing science. As new research and clinical experience broaden our knowledge, changes in treatment and drug therapy are required.

The authors have checked with sources believed to be reliable in their efforts to provide information that is complete and generally in accord with the standards accepted at the time of publication.

However, in view of the possibility of human error or changes in medical sciences, neither the authors nor Seattle Children's Healthcare System nor any other party who has been involved in the preparation or publication of this work warrants that the information contained herein is in every respect accurate or complete, and they are not responsible for any errors or omissions or for the results obtained from the use of such information.

Readers should confirm the information contained herein with other sources and are encouraged to consult with their health care provider before making any health care decision.

Return to Home

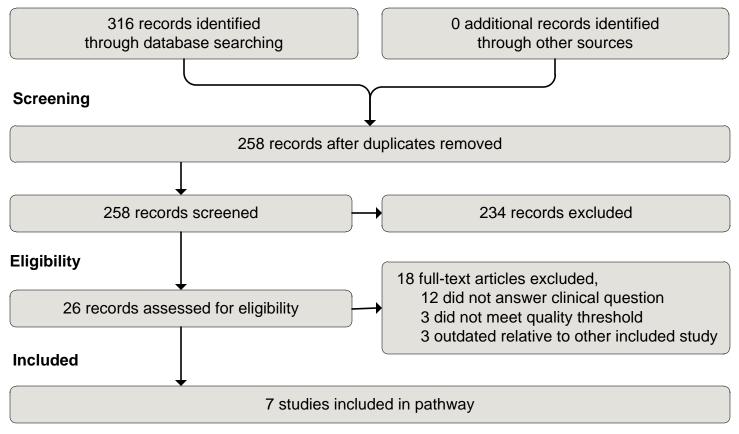
Bibliography

Search Methods, Tracheotomy, Clinical Standard Work

Studies were identified by searching electronic databases using search strategies developed and executed by a medical librarian, Susan Groshong. Searches were performed in March, 2017, in the following databases – on the Ovid platform: Medline and Cochrane Database of Systematic Reviews; elsewhere: Embase, CINAHL, National Guideline Clearinghouse, TRIP, Nursing+, Cincinnati Children's Evidence-Based Recommendations and Registered Nurses' Association of Ontario Best Practice Guidelines. In Medline, Embase and CINAHL, appropriate Medical Subject Headings (MeSH), Emtree headings and CINAHL headings were used respectively, along with text words, and the search strategy was adapted for other databases using text words. Concepts searched were tracheotomy and tracheostomy. Retrieval was limited to humans, English language, 2007 to current and further limited to certain evidence categories, such as relevant publication types, index terms for study types and other similar limits.

Susan Groshong, MLIS August 16, 2017

Identification



Flow diagram adapted from Moher D et al. BMJ 2009;339:bmj.b2535

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