

CLINICAL REFERENCE

Ballard™ Oral Care

The following is a summary list of clinical articles and industry guidelines related to the practice of Oral Care for patients at risk for HAP, VAP, or NV-HAP.

ARTICLE	AUTHOR(S)	PUBLICATION	LINK
Industry Organization & Protocol Guidance			
Guidelines for Preventing Health-Care-Associated Pneumonia, 2003: Recommendations of CDC and the Healthcare Infection Control Practices Advisory Committee	Tablan OC., et al.	MMWR Recomm Rep. 2004 Mar 26; 53(RR-3): 1-36	Pubmed Link: PMID: 15048056 Abstract
AACN Practice Alert: Implementing Effective Oral Care Practices for Acutely and Critically Ill Patients	McCauley C., et al.	Critical Care Nurse Vol 37, No. 3, June 2017	Open Access Link
Procedure 3 - Endotracheal Tube Care and Oral Care Practices for Ventilated and Non-Ventilated Patients	Quinn B., Ruble C.	AACN Procedure Manual for Progressive and Critical Care. 8th Edition; 35-40	Link Not Available
Procedure 4 - Endotracheal Tube and Oral Care Practices for Ventilated and Non-Ventilated Patients	Vollman K., et al.	AACN Procedure Manual for High Acuity, Progressive, and Critical Care. 7th Edition. Vol 37. 2nd ed. ELSEVIER	Open Access Link
Five Medical Societies Release Recommendations for Prevention of Ventilator Associated Events		Society of Healthcare Epidemiology America, May 2022	Open Access Link
Strategies to Prevent Ventilator-Associated Pneumonia, Ventilator-Associated Events, and Non-Ventilator Hospital-Acquired Pneumonia in Acute-Care Hospitals: 2022 Update	Klompas M., et al.	Infection Control Hospital Epidemiology. 2022 Jun; 43(6):687-713.	Open Access Link
Strategies to Prevent Ventilator-Associated Pneumonia in Acute Care Hospitals: 2014 Update	Klompas M., Branson R., Eichenwald EC., et al.	Infection Control & Hospital Epidemiology, 35, pp 915-936 doi:10.1086/527363	Open Access Link
British Association of Critical Care Nurses: Evidence-Based Consensus Paper for Oral Care within Adult Critical Care Units, September 2020	Collins T., et al.	Nurse Crit Care. 2021 Jul; 26 (4):224-233. doi: 10.1111/ nicc.12570. Epub 2020 Oct 29.	Pubmed Link: PMID:33124119
Pneumonia Classifications			
Epidemiology and Outcomes of Health-Care-Associated Pneumonia: Results From a Large US Database of Culture-Positive Pneumonia	Kollef MH., Shorr A., Tabak YP., et al.	Chest. Dec 2005; 128(6):3854-3862.	Pubmed Link: PMID: 16354854
Protocol Recommendations & Compliance			
The Effect of a Comprehensive Oral Care Protocol on Patients at Risk for Ventilator-Associated Pneumonia	Schleder B., Stott K., Lloyd RC.	Journal of Advocate Health Care 4(1):27-30.	Link Not Available
Dental Plaque & HAP Connection			
Colonization of Dental Plaque by Respiratory Pathogens in Dependent Elderly	Sumi Y., Miura H., Michiwaki Y., et al.	Arch Gerontol Geriatr. 2007 Mar- Apr; 44(2):119-24. Epub 2006 May 24.	Pubmed Link: PMID: 16354854
Oral Care Solutions (CHG, CPC, Hydrogen Peroxide)			
Strategies to Prevent Ventilator-Associated Pneumonia, Ventilator-Associated Events, and Non-Ventilator Hospital-Acquired Pneumonia in Acute-Care Hospitals: 2022 Update	Klompas M., et al.	Infection Control Hospital Epidemiology. 2022 Jun; 43(6):687-713.	Open Access Link
A Performance Summary of Agents Used in Oral Care for Non-Ventilated and Mechanically-Ventilated Patients	Lavigne ME., et al.		Link Not Available
Procedure 3 - Endotracheal Tube Care and Oral Care Practices for Ventilated and Non-Ventilated Patients	Quinn B., Ruble C.	AACN Procedure Manual for Progressive and Critical Care. 8th Edition; 35-40	Link Not Available
Does Oral Care with Chlorhexidine Reduce Ventilator-Associated Pneumonia in Mechanically Ventilated Adults?	Jackson L., Owens M. Br	J Nurs. 2019 Jun 13; 28(11):682-689. doi: 10.12968/bjon.2019.28.11.682.	Pubmed Link: PMID: 31188655
Effect of 0.12% Chlorhexidine Use for Oral Care on Ventilator-Associated Respiratory Infections: A Randomized Controlled Trial	Kes D., Aydin Yildirim T., Kuru C., Pazarlioglu F., Ciftci T., Ozdemir M.	J Trauma Nurs. 2021 Jul-Aug 01; 28(4):228-234. doi: 10.1097/JTN.0000000000000590.	Pubmed Link: PMID: 34210941



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ARTICLE	AUTHOR(S)	PUBLICATION	LINK
Oral Care & Non-Ventilator Hap			
Changes in Prevalence of Health Care-Associated Infections in U.S. Hospitals	Magill SS., O'Leary E., Janelle SJ., et al.	New England Journal of Medicine. 2018; 379(18):1732-1744.	Pubmed Link: PMID:30380384
Sepsis in the Context of Nonventilator Hospital-Acquired Pneumonia	Giuliano K., Baker D.	AJCC. 2020; 29(1):9-14.	Pubmed Link: PMID:31968079
Incidence and Outcomes of Non-Ventilator-Associated Hospital-Acquired Pneumonia in 284 US Hospitals Using Electronic Surveillance Criteria	Jones BE., et al.	JAMA Netw Open. 2023 May 1; 6(5):e2314185.	Pubmed Link: PMID:37200031
Hospital Acquired Pneumonia Prevention Initiative-2: Incidence of Non-Ventilator Hospital-Acquired Pneumonia in the United States	Baker D., Quinn B.	Am J Infect Control. 2018; 46(1):2-7	Pubmed Link: PMID:29050903
Basic Nursing Care to Prevent Non-Ventilator Hospital-Acquired Pneumonia	Quinn B., Baker DL., Cohen S., Stewart JL., Lima CA., Parise C.	J Nurs Scholarsh. 2014; 46(1):11-19.	Pubmed Link: PMID: 24119253
The Epidemiology of Non-Ventilator Hospital Acquired Pneumonia in the United States	Giuliano KK., Baker D., Quinn B.	Am J Infect Control 2018; 46:322	Pubmed Link: PMID:29050905
Procedure 3 - Endotracheal Tube Care and Oral Care Practices for Ventilated and Non-Ventilated Patients	Quinn B., Ruble C.	AACN Procedure Manual for Progressive and Critical Care. 8th Edition; 35-40	Link Not Available
Procedure 4 - Endotracheal Tube and Oral Care Practices for Ventilated and Non-Ventilated Patients	Vollman K., et al.	AACN Procedure Manual for High Acuity, Progressive, and Critical Care. 7th Edition. Vol 37. 2nd ed. ELSEVIER	Open Access Link
The Breadth of Hospital-Acquired Pneumonia: Non-Ventilated Versus Ventilated Patients in Pennsylvania	Davis J., Finley D.	Pennsylvania Patient Safety Advisory 2012; 9:99-105	Link Not Available
The Association Between Oral Microorganisms and Aspiration Pneumonia in the Institutionalized Elderly: Review and Recommendations	Pace CC., McCullough GH.	Dysphagia. 2010; 25:307-322	Pubmed Link: PMID:20824288
Prophylactic Oral Health Procedures to Prevent Hospital-Acquired and Ventilator-Associated Pneumonia: A Systematic Review	El-Rabbany M., Zaghlool N., Bhandari M., Azarpazhooh A.	Int J Nurs Stud. 2015; 52(1):452-464.	Pubmed Link: PMID:25443306
The Frazier Free Water Protocol. Perspectives on Swallowing and Swallowing Disorders	Panther K.	ASHA. 2004; 14:4-9.	Link Not Available
Pneumonia: Factors Beyond Aspiration	Ashford J.	Swallowing and Swallowing Disorders. March 2005	Link Not Available
Oral Care May Reduce Pneumonia in the Tube-Fed Elderly: A Preliminary Study	Maeda K., Akagi J.	Dysphagia. 2014; Advanced online publication	Pubmed Link: PMID:25034303