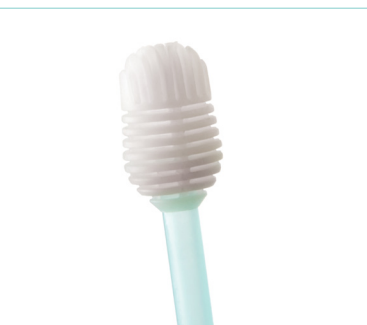




OroCare™

The complete programme for oral hygiene



Targeting Ventilator Associated Pneumonia



Reduce VAP with Oral Care

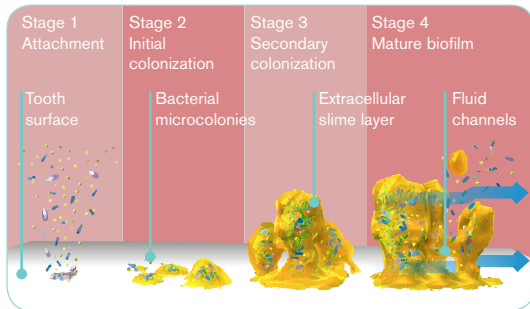
Ventilator Associated Pneumonia (VAP) causes prolonged intubation and a prolonged stay in intensive care units (ICU) with the associated costs. It is also a serious cause of mortality in compromised patients.

A combination of oral care treatments (brushing and suctioning) in a proper oral care protocol means care providers can efficiently prevent oropharyngeal bacterial biofilm build-up. This in turn leads to a reduction of VAP and aspiration pneumonias and greatly reduces associated treatment costs.^{1,2,3}

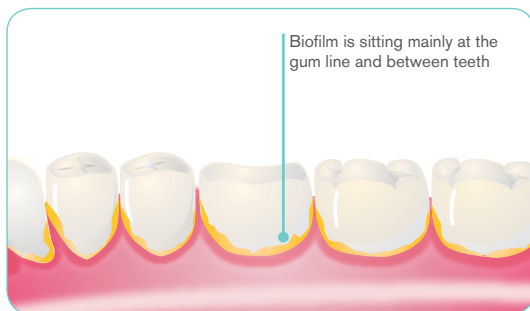
VAP Fact 1: VAP occurs in 9–25% of all patients in ICU

VAP Fact 2: Each case of VAP costs the hospital \$30,000–\$40,000

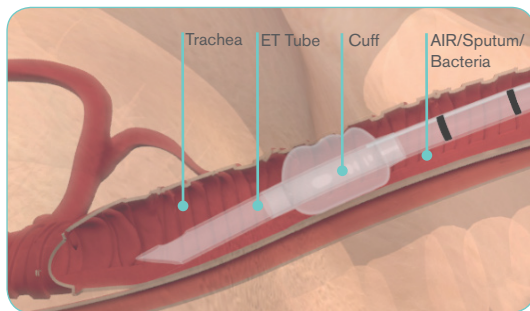
VAP Fact 3: VAP mortality rate is approximately 10–40%



Dental plaque is a biofilm made up from bacteria and their excretions, sitting mainly at the gum line and between teeth.



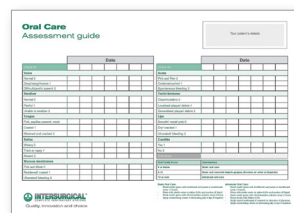
The biofilm will develop freshly after each intervention and will cover the complete tooth surface in only two hours. The biofilm protects pathogenic bacteria such as MRSA and Klebsiella, which are common problems in many intensive care units. Biofilm must be broken up prior to the application of antibacterial agents.



From the oropharynx saliva, mucous and biofilm build-up move to the ET tube cuff and may be aspirated into the lungs, as the cuff seal will never be 100%. When aspirated into the lungs, these bacteria may cause VAP and require treatment with antibiotics.

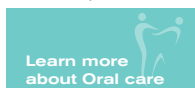
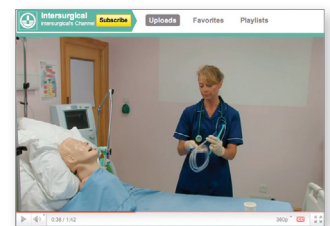
Protocols and Assessment Guides

As patients have quite different oropharyngeal conditions, which may change quickly during their hospital stay, the status of the oropharynx needs to be assessed as a daily routine. We have created an assessment guide which can be downloaded to help start the process.



Supporting videos

For correct set-up and connection of the Intersurgical Oral Care products, please view the appropriate video.



www.intersurgical.com/info/oralcare

References
 1. R. GARCIA, L. JENDRESKY, L. COLBERT, A. BAILEY, M. ZAMAN et M. MAJUMDER, Reducing Ventilator-Associated Pneumonia Through Advanced Oral-Dental Care: A 48-Month Study, *AJCC*, July 2009.
 2. J. Rello, D. Ollendorf, G. Oster, M. Vera-Llonch, L. Bellm, R. Redman, M. Kollef: Epidemiology and outcomes of ventilator-associated-pneumonia in a large US database, *Chest*, December 2002.
 3. L. Frampton: Preventing HCAI on the intensive care unit, *The Clinical Services Journal*, March 2014.



Cleaning tools

For the most efficient removal of plaque, a soft bristle toothbrush is recommended. Intersurgical offer a large range of medical toothbrushes with soft bristles and cleaning implements for both adult and paediatric patients in intensive care. These have been designed with small, patient friendly brush heads which allow the user to gently and effectively reach all areas of the oropharynx.



OroCare™ Mini

Ideal for patients with a challenging oropharyngeal situation. The long slim neck of this brush assists the user in reaching all areas of the oropharynx.



OroCare™ Aspire suction toothbrush

With built in direct attachment for the suction line this toothbrush eliminates the need for an additional yankauer. The long slim neck of this brush helps to reach all areas of the oral cavity without interfering with ET tubes and other equipment.



OroCare™ Select

Standard suction tubing can be attached and controlled by the ergonomically designed thumb port. The handle includes an empty ampoule which can be filled by the user with an antibacterial solution.



OroCare™2

Toothbrush handle acts as a reservoir for the separately available antibacterial mouthwash vials. The mouthwash is released by gently squeezing the handle whilst carefully brushing the patient's teeth with the soft atraumatic bristles. Standard suction tubing may be attached to the end of the handle and can be controlled by a comfortably located thumb port.



OroCare™ Sensitive oral suction wand

This unique suction wand is used for cleaning delicate gums and tissues. The integral moulded soft head provides a safer solution to the commonly used foam swab. The wand allows application of antibacterial solutions whilst gently cleaning the teeth and soft pallet.



OroCare™ day kits

The day kit comprises a selection of single use tools to introduce an oral care hygiene routine over a 24 hour period. Available for 4 hour (q4) or 8 hour (q8) intervention options, they offer a simple to use disposable solution straight from the pack.

| Code | Description | Box Qty. |
|--------------------|--|----------|
| 3011000 | OroCare Mini toothbrush | 30 |
| 3017000 <i>NEW</i> | OroCare Sensitive oral suction wand | 15 |
| 3012000 | OroCare Select toothbrush | 50 |
| 3016000 <i>NEW</i> | OroCare Aspire suction toothbrush | 25 |
| 3008000 | OroCare2 all-in-one suction toothbrush | 50 |
| 3008001 | OroCare2 with self-fillable vial | 50 |
| 3014000 <i>NEW</i> | OroCare 24 hour day kit – q4 | 10 |
| 3015000 <i>NEW</i> | OroCare 24 hour day kit – q8 | 15 |



Accessories

To complement the range of tooth brushes and suction swabs Intersurgical has developed a range of useful accessories and cleaning tools. These are designed to assist in an efficient oral care programme in busy intensive care areas.



OroCare™ suction line splitter

Designed for the simultaneous use of two suction lines on a single suction canister. This may become necessary, when a closed suction system is already attached to the vacuum source.



OroCath Oropharyngeal suction catheter

A highly flexible oropharyngeal catheter, for suctioning secretions which may build up between each intervention. It may be attached to any standard fingertip control suction tubing.



OroFill antibacterial mouthwash

The mouthwash vials contain an antibacterial solution for easy single-handed procedure of oral hygiene. Vials are simply dropped into the handle of the OroCare2 brush ready for immediate treatment.



OroFill sterile water

The ready-to-use OroFill ampoules may be used in conjunction with the OroCare™ Select toothbrush. They contain sterile water, the only liquid recommended for children under the age of 6 years. They may also be used for rinsing the oral cavity after the application of toothpaste. Each pack contains ten ampoules.



OroClean tooth gel

Tooth gel available in single use sachets. This prevents cross contamination of tooth gel tubes and the associated potential for recontamination of patients.

| Code | Description | Box Qty. |
|--------------------|--|----------|
| 3018000 | OroCath Oropharyngeal suction catheter | 80 |
| 3010000 | OroFill disinfectant mouthwash for use with OroCare2 – 15ml | 100 |
| 3013000 | OroFill sterile water for use with OroCare Select toothbrush – 14ml ampoule, 10 per pack | 34 |
| 3021000 | OroClean tooth gel sachet, 2g | 250 |
| 3022000 <i>NEW</i> | OroCare suction line splitter | 25 |

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