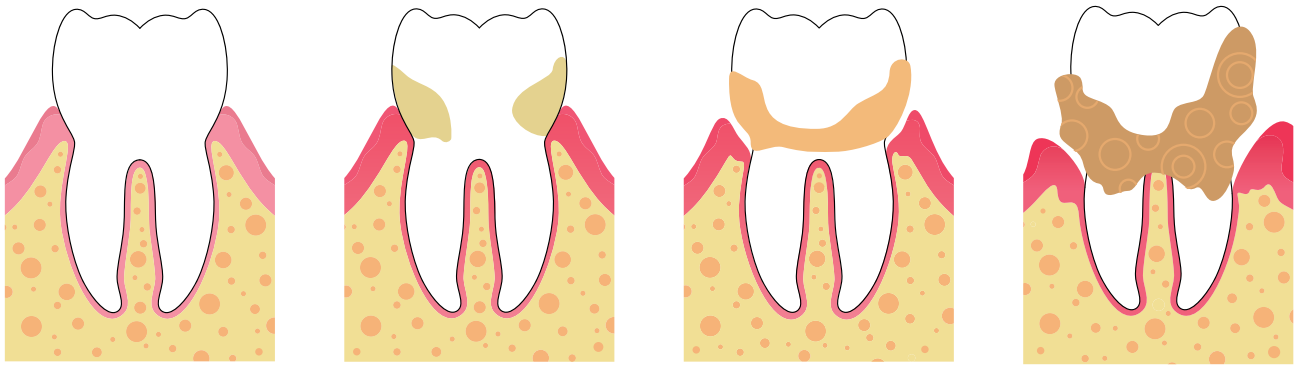




ORAL CARE

# A COMPREHENSIVE SOLUTION TO PATIENTS AGAINST PNEUMONIA

The oral cavity is contaminated with many microorganisms, for which it is a natural habitat. These pathogens can be aspirated into the lungs, causing infection. The Associated Pneumonia (VAP) Ventilator is the second most common nosocomial infection. Respirator Associated Pneumonia (VAP) causes prolonged intubation and prolonged stay in the intensive care units (ICU). This results in significantly increased costs of the patient's stay in the hospital. It is also the cause of increased mortality. Proper oral care (by brushing and suctioning) prevents the formation of a bacterial biofilm in the mouth and throat. This contributes to the reduction of VAP and greatly affects the health of the patients and reduces the associated treatment costs.



## VAP FACTS

**27–30%**  
reaches of ICU  
patients

it is the most common infection acquired in the ICU. The risk of pneumonia in ICU patients compared to other wards is increased from 3 to 10 times in the case of intubation and the use of emergency breathing, and it increases 21 times with the extension of mechanical ventilation.<sup>1,2</sup>

**20–30%**  
Persons with  
VAP have up  
to a death rate

and may even reach 70-80% under certain circumstances, when infection of the respiratory system is caused by high-risk pathogens, characterized by particular virulence and drug resistance. Having pneumonia increases risk of death a patient staying in the ICU from 2 to 10 times<sup>2,3,4</sup>

**3-fold**  
even a increase  
in treatment costs

accurate estimation of financial losses caused by VAP in individual countries, it depends on many factors, such as the system of health care organization, the organization of work in hospitals and individual ITUs, and the prices of drugs.<sup>6</sup>

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4. Luna C.M., Sibila O., Agusti C., Torres A. Animal models of ventilator-associated pneumonia. *Eur. Respir. J.* 2009; 33: 182–188.  
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## WHY CHLORHEXIDINE ?

Chlorhexidine is characterized by a wide antiseptic effect, while ensuring long-term action. It has bactericidal and bacteriostatic properties. It has a strong bactericidal action against Gram-positive, Gram-negative and fungi. Antimicrobial activity (bacteriostatic and bactericidal) consists in damaging the bacterial cell membrane which leads to an increase in its permeability. It is perfectly associated with the structure of the bacterial plaque. The product stays in the mouth for a long time, supporting the antibacterial effect.

Proper oral hygiene with antiseptics helps to reduce the risk of VAP. Sinmed now offers a portfolio of oral care solutions, designed to provide comprehensive oral care. All products have been designed to allow a full and effective oral care.

## CLEANING TOOLS

### SUCTION TOOTHBRUSH



#### Product features:

- Possibility of simultaneous brushing, rinsing and suction
- Soft bristles to remove plaque while brushing
- A sponge to clean the surface of the tongue
- A controlled suction connector for manual regulation of the suction power
- Packed individually

### SUCTION SWAB



#### Product features:

- Possibility of simultaneous cleansing of the mouth, rinsing and suction
- Lifts debris and mucus from teeth and gums
- Removes dead, loose fragments of bacterial biofilms
- A controlled suction connector for manual regulation of the suction power
- Packed individually

### ORAL SWAB



#### Product features:

- Moisturizing the oral cavity between brushing
- Soft sponge that does not damage the mucosa
- Packed individually

REF	DESCRIPTION	PACKAGING
10002	Suction Toothbrush	250 pcs.
10003	Suction Swab	250 pcs.
10001	Oral Swab	250 pcs.
10004	Oral Swab impregnated with Sodium Bicarbonate	250 pcs.



## SINGLE USE KITS

### SUCTION TOOTHBRUSH



Helps remove dental plaque debris, and oral secretions. The long neck of this brush helps to reach all areas of the oral cavity. With built in direct attachment for the suction line you can aspirate the secretions from the mouth.

### SUCTION SWAB



Helps remove debris and oral secretions while stimulating oral tissues between brushings. The long neck of this brush helps to reach all areas of the oral cavity. With built in direct attachment for the suction line you can aspirate the secretions from the mouth.

### 0.12% CHLORHEXIDINE MOUTHWASH (10ML)



Available in single use sachets. The content of an antiseptic preparation for an effective oral toilet.

### ORAL SWAB



Allow effective and comfortable application of the moisturizing gel.

### HYDROGEN PEROXIDE MOUTHWASH (10ML)



Available in single use sachets. The content of an antiseptic preparation for an effective oral toilet.

### 0.05% CETYLPYRIDINIUM CHLORIDE MOUTHWASH (10ML)



Available in single use sachets. The content of an antiseptic preparation for an effective oral toilet.

### MOUTH MOISTURIZER GEL (3 ML)



Available in single use sachets. It allows for effective moisturizing of the oral cavity.

### CUP



You can use a contoured packaging or an additional cup to use mouthwash.

Products tailored to your needs. Ready-made kits that allow you to perform a complete oral toilet procedure. Choose the right tool and fluid and compose your set.

Are you looking for a different set of components or another solution? Contact us and we will prepare it for you!



REF	COMPOSITION								PACKAGING
	Suction Toothbrush	Suction Swab	Oral Swab	0.12% chlorhexidine mouthwash (10ml)	Hydrogen Peroxide mouthwash (10ml)	0.05% Cetylpyridinium Chloride mouthwash (10ml)	Mouth moisturizer gel (3 ml)	Cup	
1030	1			1					50 pcs.
1030K	1			1				1	50 pcs.
1031	1				1				50 pcs.
1031K	1				1			1	50 pcs.
1032	1					1			50 pcs.
1032K	1					1		1	50 pcs.
1010	1		1	1			1		50 pcs.
1010K	1		1	1			1	1	50 pcs.
1020	1		1		1		1		50 pcs.
1020K	1		1		1		1	1	50 pcs.
1070	1		1			1	1		50 pcs.
1070K	1		1			1	1	1	50 pcs.
1040		2				1	1		50 pcs.
1040K		2				1	1	1	50 pcs.
1050		2		1			1		50 pcs.
1050K		2		1			1	1	50 pcs.
1060		2				1	1		50 pcs.
1060K		2				1	1	1	50 pcs.
1040+		2	1		1		1		50 pcs.
1050+		2	1	1			1		50 pcs.
1060+		2	1			1	1		50 pcs.
1033			2	1					50 pcs.
1034			2	1			1		50 pcs.



# DAILY PROTOCOL KITS

Ventilated patients are at the highest risk for infection and therefore require the most intensive oral care regimen. Our 24-hour oral care kits are designed to dispense products one-at-a-time in the correct order to provide correctness of the procedure.



## KITS FOR EITHER FOUR HOUR (Q4)

REF	COMPOSITION						
	Suction Toothbrush	Suction Swab	Oral Swab	0.12% chlorhexidine mouthwash (10ml)	Hydrogen Peroxide mouthwash (10ml)	0.05% Cetylpyridinium Chloride mouthwash (10ml)	Mouth moisturizer gel (3 ml)
1090	2	4	6	2	4		6
1091	2	4	6	6			6
1092	2	4	6		6		6
1093	2	4	6	2		4	6
1094	2	4	6			6	6

## KITS FOR EITHER EIGHT HOUR (Q8)

REF	COMPOSITION						
	Suction Toothbrush	Suction Swab	Oral Swab	0.12% chlorhexidine mouthwash (10ml)	Hydrogen Peroxide mouthwash (10ml)	0.05% Cetylpyridinium Chloride mouthwash (10ml)	Mouth moisturizer gel (3 ml)
1095	2	1	3	3			3
1096	2	1	3		3		3
1097	2	1	3			3	3