

Airway **Medix**
SMARTER CARE



B-Care Oral Care

Unique Approach to Oral Care for Intubated Patients



The Needs

20-50%

VAP Mortality¹

15%

of all hospital associated infections are accounted to VAP²

- **Dental plaque biofilm**
Can cause gingivitis and oral tissue bleeding
- **Oral biofilm & bacterial build-up**
A significant risk factor for healthcare-associated infections (HAIs)
- **Gum bleeding and injuries**
Common bristle toothbrushes may cause bleeding of sensitive gums
- **Personnel involvement**
During prolonged hospitalization, nursing staff are required to carry out a strict oral hygiene protocol of brushing teeth and moisturizing oral cavity
- **Ineffective oral care**
If oral care is not carried out effectively, the patient's general health may be impacted, even after they are released from hospital

The Challenges

- **Time-consuming protocols**
Common oral care protocols are difficult to implement and comply with
- **Difficult maneuvering & ineffective cleaning**
Accessing and maneuvering common brushes and swabs within the oral cavity of intubated patients can be challenging due to space restrictions
- **Gum bleeding and injuries**
Common devices may cause bleeding when inappropriately used at patients with sensitive gums
- **Ineffective disinfection**
Most common provided disinfection fluids are wasted because oral disinfection and moisturizing fluids do not transfer well from external containers onto the brush. They tend to drip down, resulting in less than the required amount being applied to the patient's mouth.

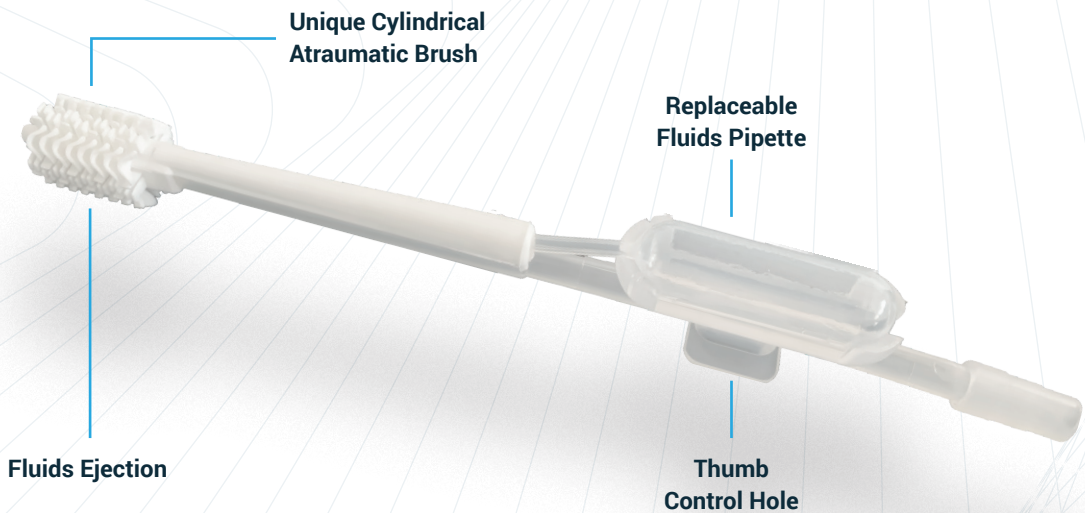
The Solution

Compact and flexible kit,
adjustable to any hospital
protocol & reducing required
storage space

Loading disinfection fluids
compartment for complete
and clean delivery to mouth

Unique, soft 360° brush
design for easier access

Simple tracking of 24-hour
oral hygiene protocol



Key Features



On-board liquids
management



Single-hand
fluid usage



Soft, rubber-like brush

Multifaceted Impact

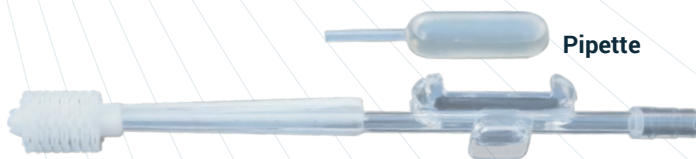
With on-board liquids management and an innovative brush design: 360° soft, rubber-like (PTE) head, it significantly reduces the risk of oral infections, ensuring a safer environment for patients.

Single-hand fluid usage makes the process even more efficient.

B-Care Oral Care ensures healthy teeth and gums for patients and promotes overall well-being.

- **Biofilm Reduction in Airways**
- **Decreased Microbial Flora**
- **VAP and HAI Prevention**
- **Enhanced Intubation Tube Performance**
- **Ensuring patient well-being and family trust**

B-Care Oral Care Kit



Brush

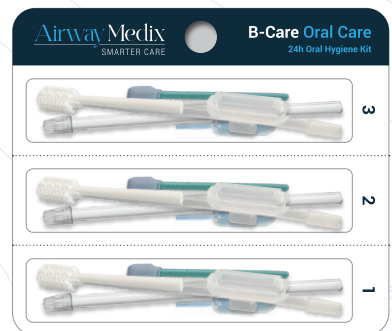
Pipette



Saliva Ejector



Swab



24h Kit

1. Cost of treating ventilator-associated pneumonia post cardiac surgery in the National Health Service: Results from a propensity-matched cohort study, H Luckraz , N Manga, E L Senanayake, M Abdelaziz, S Gopal , S C Charman, R Giri , R Oppong, L Andronis, J Intensive Care Soc. 2017 Nov 9;19(2):94–100. doi: 10.1177/1751143717740804<https://pmc.ncbi.nlm.nih.gov/articles/PMC5956688/#sec3-1751143717740804>
2. Epidemiology of ventilator-associated pneumonia in ICU COVID-19 patients: an alarming high rate of multidrug-resistant bacteria.