	3M™ Skin and Nasal Antiseptic	Profend® Nasal Decolonization Kit	Nasal Antiseptic Swabs Povidone-iodine USP 10%±	Antibiotic Prophylactic	Alcohol
Active ingredient	Povidone-iodine USP 5%	Povidone-iodine USP 10%*	Povidone-iodine USP 10%*	Mupirocin	Alcohol 62%
CDC guideline compliant[3]	Yes	Yes	Yes	Yes	No
Film-forming polymer technology	Yes	No[6]	No[8]	No	No
Mean kill rate of *S. aureus* at 1 hour	99.5%[1]	99.7%[7]	99.4%[8]	Not evaluated	Not evaluated
MRSA log reduction at 6 hours[5]**	6.80	1.82	3.44	Not evaluated	Not evaluated
MRSA log reduction at 24 hours[5]**	6.10	1.52	3.00	Not evaluated	Not evaluated
# of preoperative applications per surgery	1	1[6]	1[4]	10[9]	Unknown
Safe, low rate of adverse events	Yes+	Not specified[6]	Not specified[8]	Yes[9]	Unknown
Age acceptability	≥2 months	Not specified[6]	3 years[8]	12 years[9]	Under 2 years consult physician[11]
At risk for antibiotic resistance	No	No	No	Yes[2,10]	No
One application on day of surgery	Yes	Yes	Yes	No[9]	Yes
Preoperative compliance assurance in facility by Healthcare professionals (HCPs)	Yes	Yes	Yes	No	Yes
Flammable	No	No	No	No	Yes

1. 3M Study-05-011100. 2. Phillips M, Rosenburg A, Shopsin B, et al. Preventing surgical site infections; A randomized, open-label trial of nasal mupirocin ointment and nasal povidone-iodine solution. Infect Control Hosp Epidemiol. 2014;35:826-832. 3. Centers for Disease Control. Strategies to Prevent Hospital-onset Staphylococcus aureus Bloodstream Infections in Acute Care Facilities. Accessed 10/7/2025. 4. Urias DS, Varghese M, Simunich T, Morrissey S, Dumire R. Preoperative decolonization to reduce infections in urgent lower extremity repairs. European Journal of Trauma and Emergency Surgery. 2018:17. doi:10.1007/s00068-017-0896-1. 5. Solventum internal data on file. 6. Profend Nasal Decolonization Kit website. https://pdihc.com/products/interventional-care/profend-nasal-antiseptic-kit/. Accessed December 12, 2018. 7. PDI in vivo Study 0113-CTEVO. Profend Nasal Decolonization Kit website. https://pdihc.com/products/interventional-care/profend-nasal-decolonization-kit. Accessed December 12, 2018 8. Povidone Iodine Nasal Antiseptic Swabs website. https://www.medline.com/product/Povidone-Iodine-Nasal-Antiseptic-Swabs/Z05-PF166938. Accessed December 12, 2018. 9. Mupirocin calcium ointment, 2% Drug Facts label. https://dailymed-beta.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=b5777cde-7cd5-4fc8-a5a1-0ef4ddf6b5b1&type=display 10. Bathoorn E, Hetem DJ, Alphenaar J, Kusters JG, Bonten MJM. Emergence of high-level mupirocin resistance in coagulase-negative staphylococci associated with increased short-term mupirocin use. J Clin Microbiol. 2012;50(9):2947-2950 11. Drug Facts Label, Ethyl Alcohol Swab https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=11fcc7e7-dfae-ee7d-e063-6294a90a3b31

* product formulas are different ** ex vivo porcine model
+ Solventum data on file.
± Povidone Iodine Nasal Antiseptic Swabs – Medline®, formerly Clorox Healthcare Nasal Antiseptic Swabs, Povidone-iodine USP 10%