

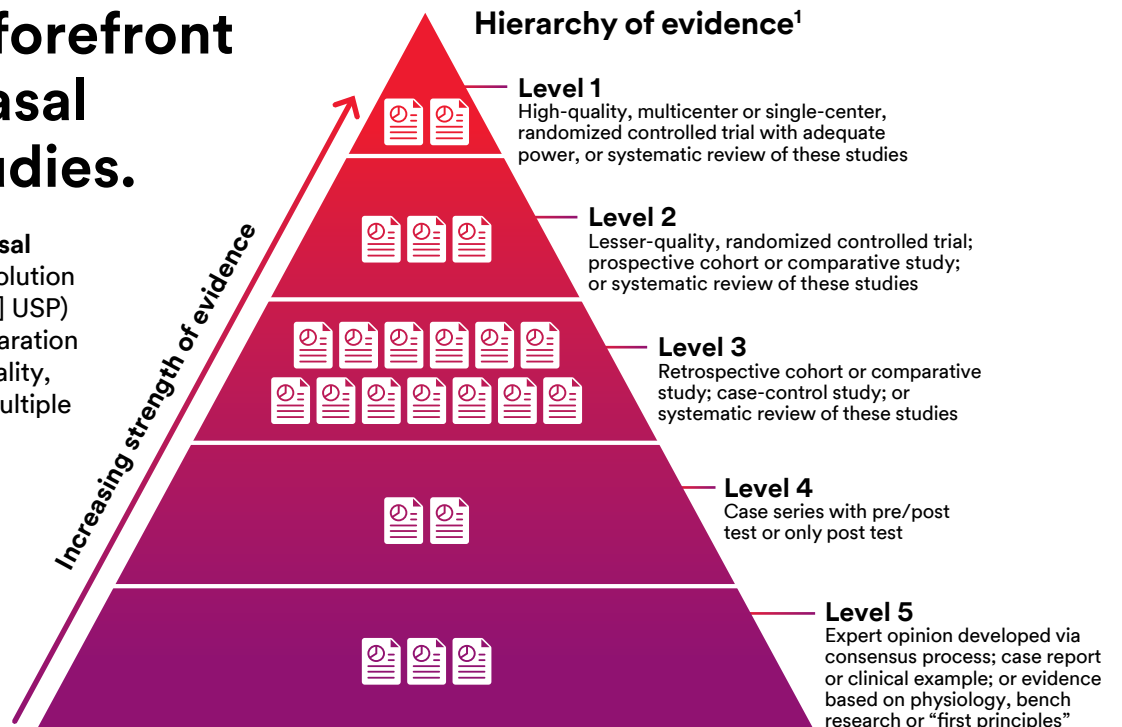
# The evidence speaks for itself.



## 3M is on the forefront of skin and nasal antiseptic studies.

Evidence for **3M™ Skin and Nasal Antiseptic** (Povidone-Iodine Solution 5% w/w [0.5% available iodine] USP) Patient Preoperative Skin Preparation exhibits large breadth, high quality, and strong outcomes across multiple end-points.

 **20+**  
Supporting pieces of evidence  
(As of July 2021)



*“The study delivered on its intended objective...finding that an off-the-shelf PI [povidone iodine] is not as efficacious as an SNA [skin and nasal antiseptic] product, specifically manufactured for nasal decolonization of S. aureus, and in fact is no better than placebo in this setting.”<sup>2</sup>*

### Breadth of evidence

3M™ Skin and Nasal Antiseptic study publications with positive outcomes — showing both clinical and economic success when used as part of a comprehensive perioperative bundle.



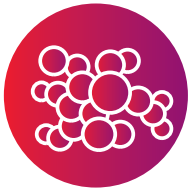
Poster presentations



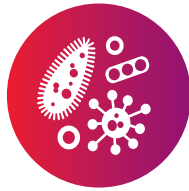
Fully randomized and controlled clinical trials

## Strength of outcomes

3M™ Skin and Nasal Antiseptic is supported by evidence that met or exceeded the hypotheses across multiple end-points including microbiological impacts that were associated with infection risk reduction outcomes and economic success when used as part of a comprehensive perioperative solution.<sup>3-7</sup>



Microbiological impacts



Infection risk reduction



Economic impacts

3M™ Skin and Nasal Antiseptic has been extensively researched and has more published peer-reviewed and investigator initiated studies than any other nasal decolonization antiseptic competitor.

(As of July 2021)



## Base your practice on evidence. And 3M science.

Many clinicians believe, “iodine is iodine.” However, 3M™ Skin and Nasal Antiseptic’s patented formulation was developed specifically for the nasal environment.



### Unique formula

Iodine rapidly becomes inactive in the pH of the nose, but 3M™ Skin and Nasal Antiseptic has film forming technology designed to maintain the active iodine.<sup>8</sup>



For details and clinical evidence, visit [go.3M.com/skinandnasal](http://go.3M.com/skinandnasal)



3M Company  
2510 Conway Ave.  
St. Paul, MN 55144 U.S.A.

Phone 800-228-3957  
Web 3M.com/Medical

1. Sullivan D, Chung KC, Eaves FF et al. The level of evidence pyramid: Indicating levels of evidence in plastic and reconstructive surgery articles. *Plast Reconstr Surg.* 2011;1:128(1):311-4.
2. Rezapoor M, Nicholson T, Tabatabaee RM, Chen AF, Maltenfort MG, Parvizi J. Povidone-Iodine–Based solutions for decolonization of nasal *Staphylococcus aureus*: A randomized, prospective, placebo-controlled study. *The Journal of Arthroplasty.* 2017;32(9):2815–2819.
3. Phillips M, Rosenberg 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(7):826832.
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. Torres EG, Lindmair-Snell JM, Langan JW, Burnikel BG. Is preoperative nasal povidone-iodine as efficient and costeffective as standard methicillin-resistant *Staphylococcus aureus* screening protocol in total joint arthroplasty? *J Arthroplasty.* 2016; 31: 215218.
6. Bebko SP, Green DM, Awad SS. Effect of a preoperative decontamination protocol on surgical site infections in patients undergoing elective orthopedic surgery with hardware implantation. *JAMA Surg.* Published online March 04, 2015. doi:10.1001/jamasurg.2014.3480.
7. Loftus RW, Dexter F, Goodheart MJ, et al. The Effect of Improving Basic Preventive Measures in the Perioperative Arena on *Staphylococcus aureus* Transmission and Surgical Site Infections: A Randomized Clinical Trial. *JAMA Netw Open.* 2020;3(3): e201934. doi:10.1001/jamanetworkopen.2020.1934.
8. 3M data on file: EM-05-011017.

© 2021 3M. All rights reserved. 3M and the other marks shown are marks and/or registered marks. Unauthorized use prohibited. 3M marks used under license in Canada. US\_70-2013-1145-6