



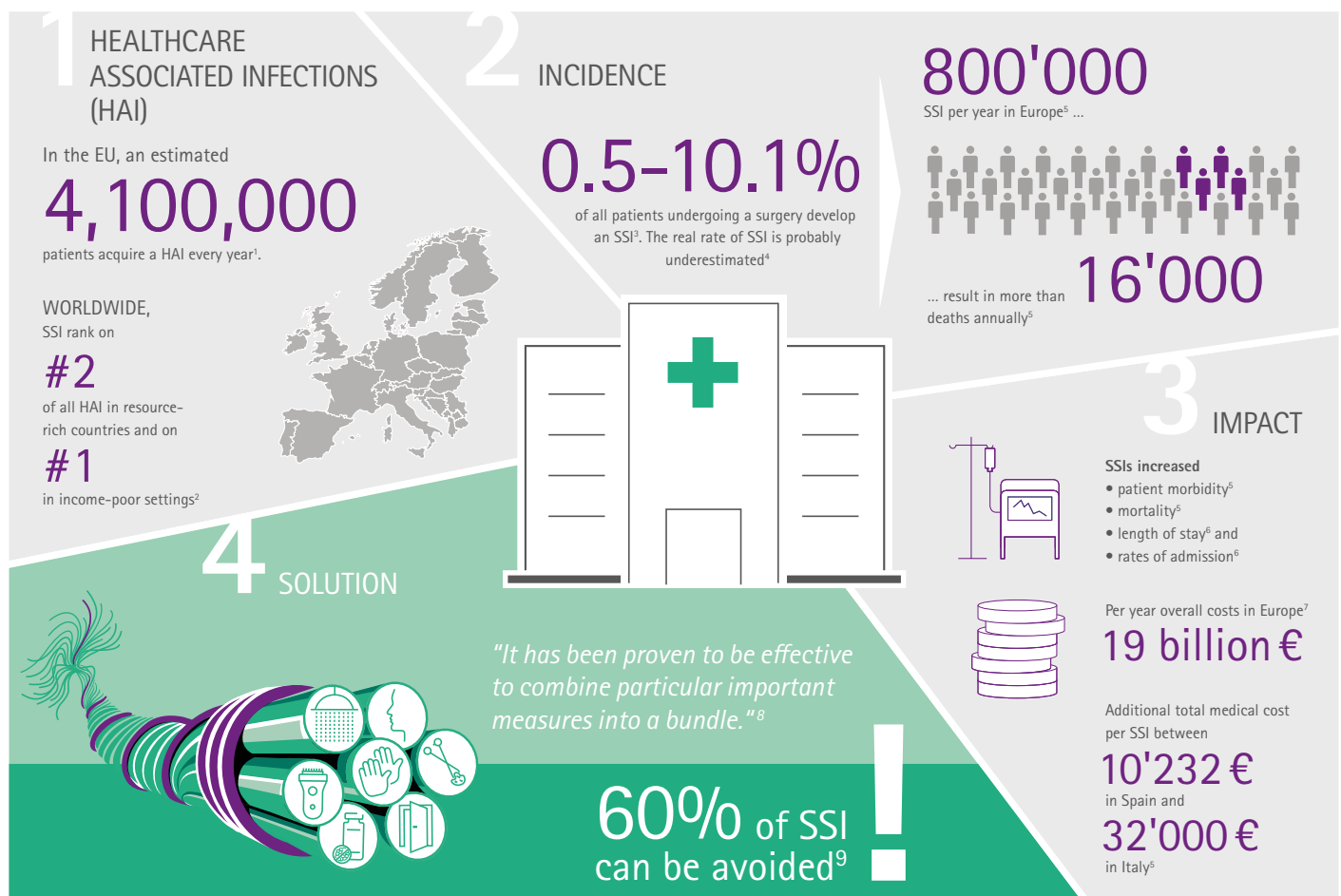
B. BRAUN SSI PREVENTION

HOW TO DEFEAT SURGICAL SITE INFECTIONS

SURGICAL SITE INFECTIONS – THE TIME TO ACT IS NOW

Even in today's highly sterile operating rooms (OR), up to ten percent of surgical procedures lead to surgical site infections (SSI)³. The actual rate of surgical site infections is probably underestimated⁴.

Clinical experts confirm, that everyone has to be on board - from the top down as well as the patient himself.



Sources:
 1: <https://www.ecdc.europa.eu/en/about-us/partnerships-and-networks/disease-and-laboratory-networks/hai-net> (access February 2021)
 2: Tartari E et al. Patient engagement with surgical site infection prevention: an expert panel perspective. Antimicrobial Resistance & Infection Control (2017) 6:45
 3: ECDC_Healthcare-associated infections: surgical site infections - Annual Epidemiological Report for 2017 <https://www.ecdc.europa.eu/en/publications-data/healthcare-associated-infections-surgical-site-infections-annual-1> (access February 2021)
 4: Curcio D et al. Surgical site infection in elective clean and clean-contaminated surgeries in developing countries. Int J Infect Dis 2019 Mar; 80:34-45
 5: Health First Europe, Insight Report: Identifying the gaps between evidence and practice in the prevention of surgical site infections. Nov 2020
 6: Turner MC & Migaly J. Surgical Site Infection: The Clinical and Economic Impact. Clin Colon Rectal Surg 2019; 32:157-165
 7: <https://www.who.int/gpsc/ssi-infographic.pdf?ua=1> (access February 2021)
 8: Schweizer ML et al. Association of a bundled intervention with surgical site infections among patients undergoing cardiac, hip, or knee surgery. The "STOP SSI"-Study. JAMA 2015; 313 (21):2162-71
 9: Anderson DJ et al. Strategies to Prevent Surgical Site Infections in Acute Care Hospitals: 2014 Update. Infection control and hospital epidemiology June 2014, vol. 35, no. 6, 605-27

COLLABORATION FOR THE BENEFIT OF EVERYONE

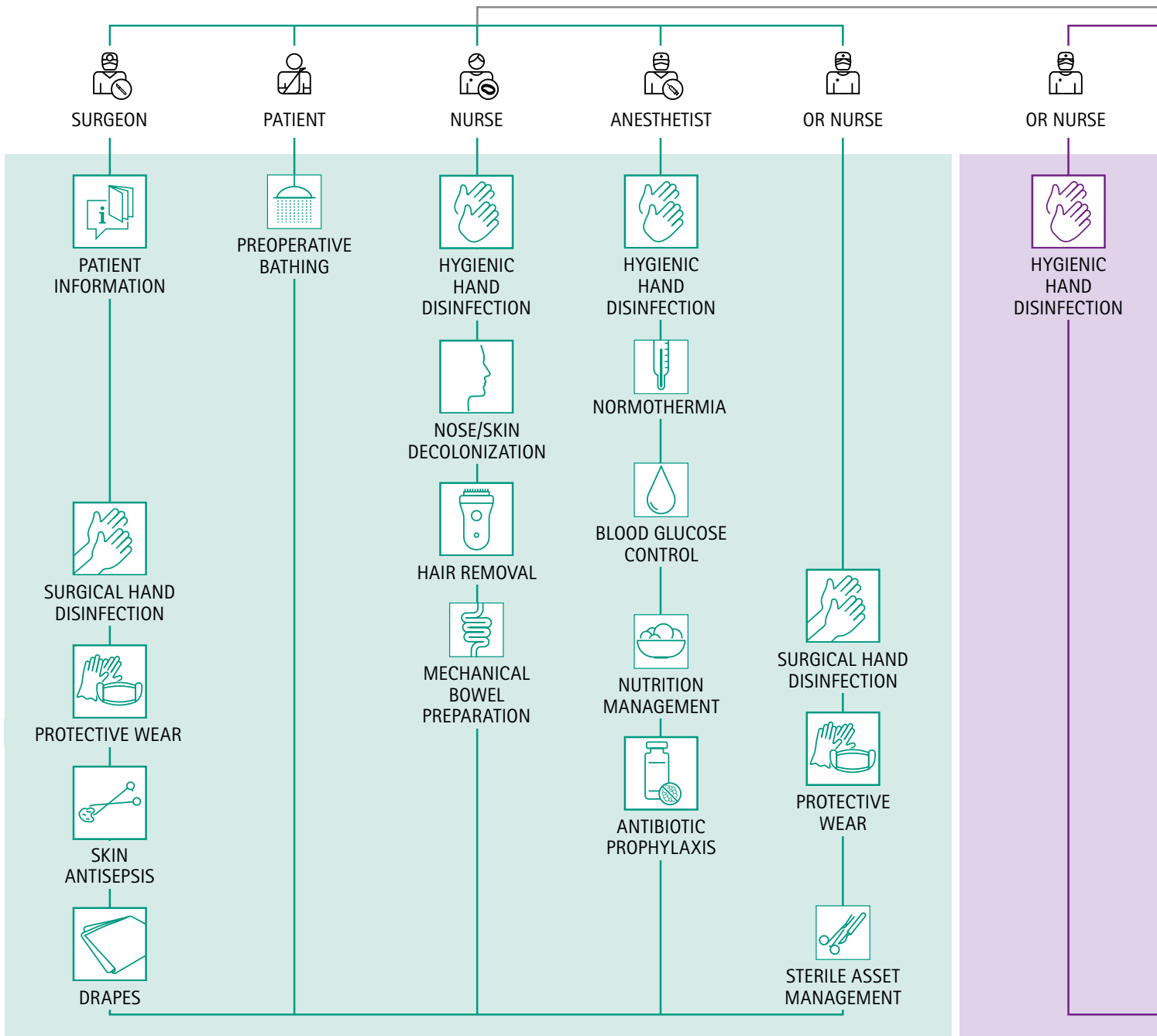
Even though the causes of surgical site infections are widely known, they remain an unsolved problem in the medical world. We at B. Braun have created a holistic hygiene concept that is unique, evidence-based and conforms with the guidelines. Whether patients, surgeons, anesthetists or nursing staff – with awareness, training and highly effective products, everyone involved in the process can contribute to reducing surgical site infections and the risk of complications. All it takes is a collective focus and a willingness to make a few small changes to everyday surgical practice.

"If you prevent just one infection, that is a success." (Prof Eckart Mayr)



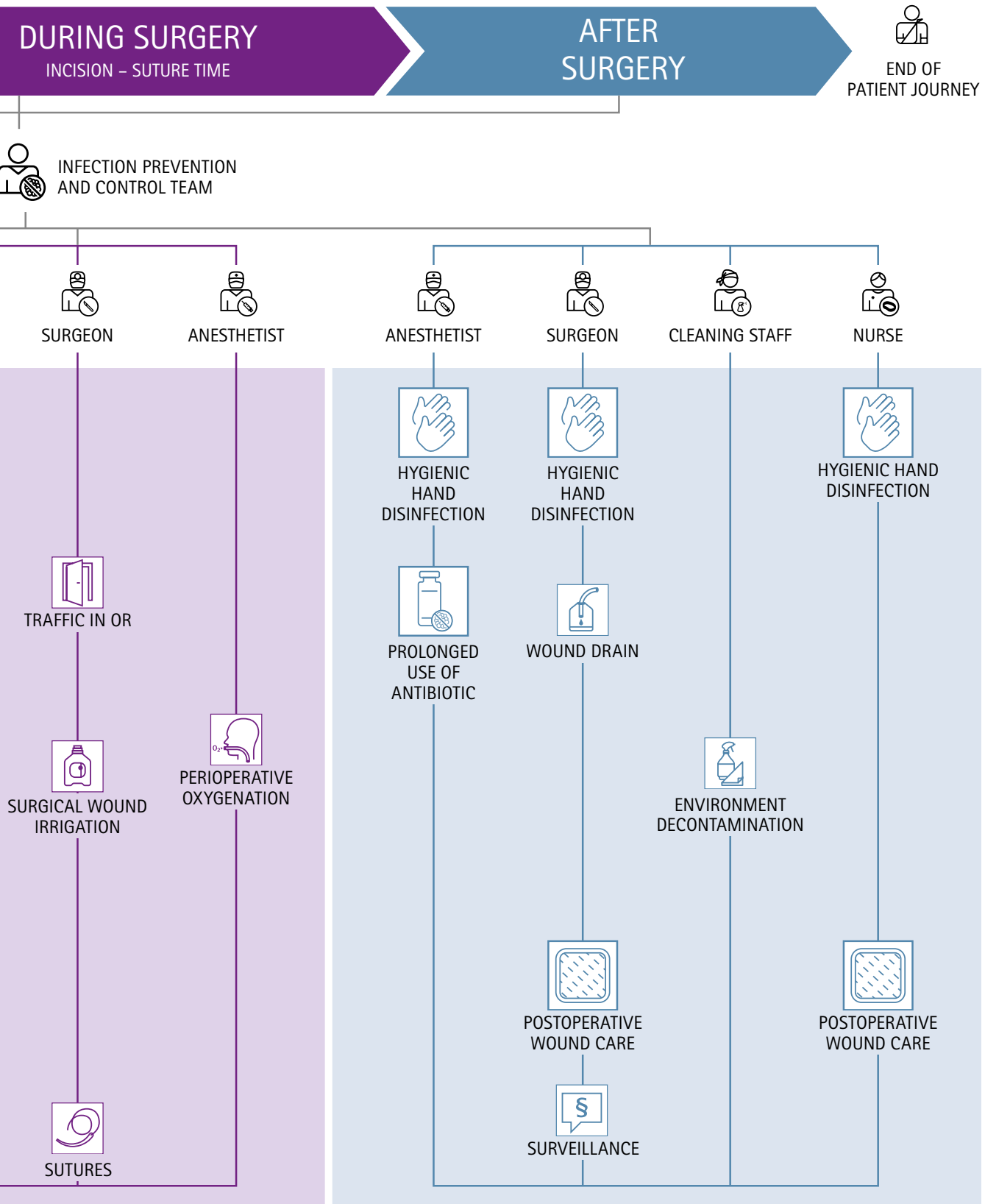
THE B. BRAUN SSI PATHWAY

START PATIENT JOURNEY



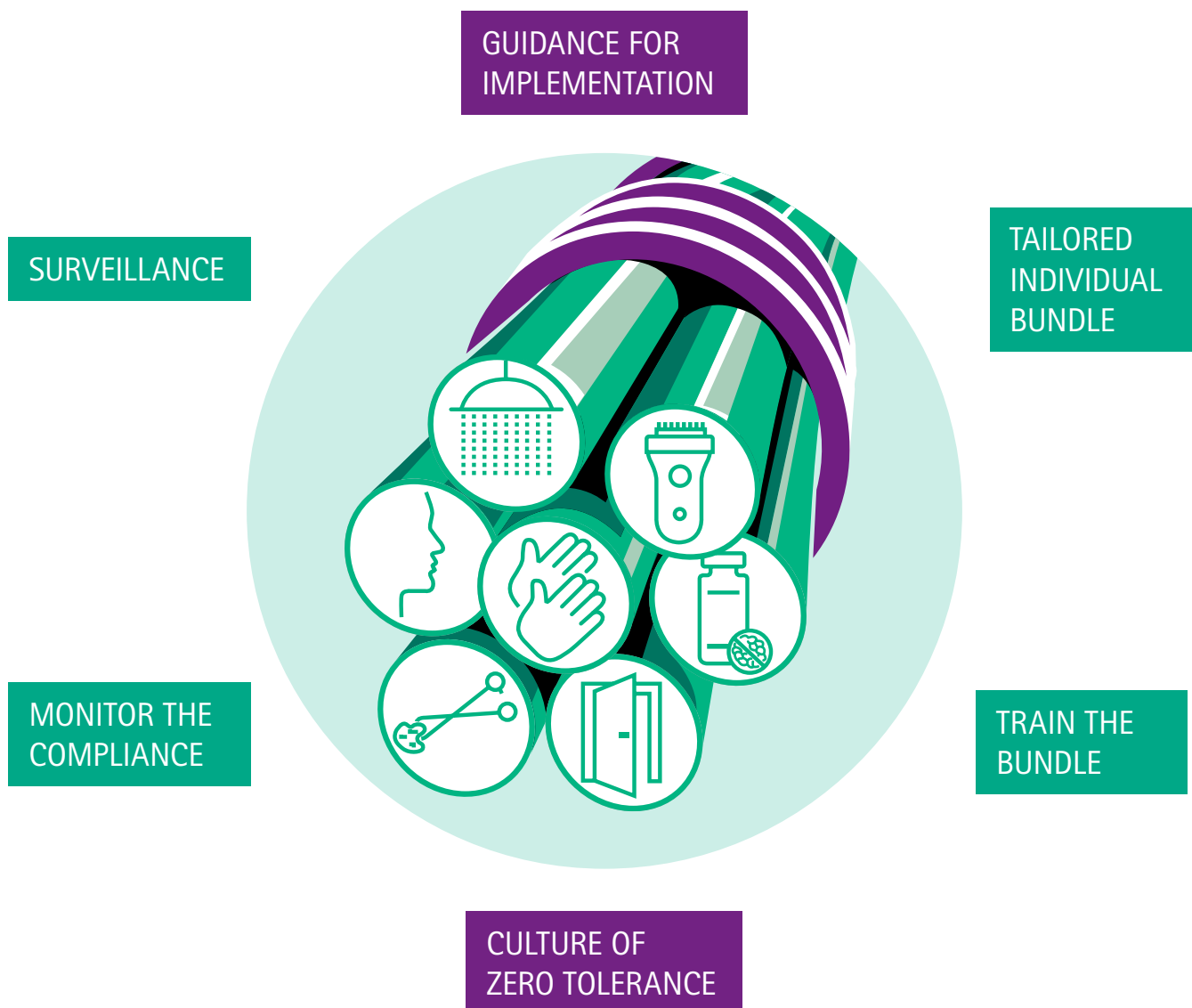
24 MEASURES BASED
ON EVIDENCE AND
BEST PRACTICE

Utilizing our broad expertise, our tools and our inspiration, we want to reduce the avoidable human suffering and financial cost of SSIs – for every patient, everywhere, today and tomorrow.



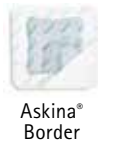
... WITH THE INDIVIDUAL BUNDLE STRATEGY

The SSI pathway summarizes the main measures taken by the surgical team to prevent SSI. The good news: It has proven to be effective to combine particularly important measures into an individual bundle of three to five measures, to train the bundle and to monitor its compliance. To achieve these goals, hospitals need to approach SSIs with zero tolerance. This can have a significant impact on reducing the risk of SSI in the OR (10, 11).



... WITH THE RIGHT PRODUCT CONCEPT

B. Braun helps to implement a quality-assured and guideline-conforming process management for surgical procedures. This process takes into account economic goals, offering an SSI prevention bundle that is tailored to customer needs. With our comprehensive range of products and many years of experience as a system provider in the field of disinfection and prevention, we help you ensure that a continuous hygiene chain can be maintained during the entire course of treatment.



REFERENCES

- 1) <https://www.ecdc.europa.eu/en/about-us/partnerships-and-networks/disease-and-laboratory-networks/hai-net> (access February 2021)
- 2) Tartari E et al. Patient engagement with surgical site infection prevention: an expert panel perspective. *Antimicrobial Resistance & Infection Control* (2017) 6:45
- 3) ECDC_Healthcare-associated infections: surgical site infections - Annual Epidemiological Report for 2017 <https://www.ecdc.europa.eu/en/publications-data/healthcare-associated-infections-surgical-site-infections-annual-1> (access February 2021)
- 4) Curcio D et al. Surgical site infection in elective clean and clean-contaminated surgeries in developing countries. *Int J Infect Dis* 2019 Mar; 80:34-45
- 5) Health First Europe, Insight Report: Identifying the gaps between evidence and practice in the prevention of surgical site infections. Nov 2020
- 6) Turner MC & Migaly J. Surgical Site Infection: The Clinical and Economic Impact. *Clin Colon Rectal Surg* 2019; 32:157-165
- 7) <https://www.who.int/gpsc/ssi-infographic.pdf?ua=1> (access February 2021)
- 8) Anderson DJ et al. Strategies to Prevent Surgical Site Infections in Acute Care Hospitals: 2014 Update. *Infection control and hospital epidemiology* June 2014, vol. 35, no. 6 ,605-27
- 9) Schweizer ML et al. Association of a bundled intervention with surgical site infections among patients undergoing cardiac, hip, or knee surgery. The "STOP SSI"-Study. *JAMA* 2015; 313 (21):2162-71
- 10) van der Slegt J, van der Laan L, Veen EJ, Hendriks Y, Romme J, et al. (2013) Implementation of a Bundle of Care to Reduce Surgical Site Infections in Patients Undergoing Vascular Surgery. *PLoS ONE* 8(8): e71566. doi:10.1371/journal.pone.0071566
- 11) Tanner J, Padley W, Assadian O, Leaper D, Kiernan M, Edmiston C (2015) : Do surgical care bundles reduce the risk of surgical site infections in patients undergoing colorectal surgery? A systematic review and cohort meta-analysis of 8,515 patients. In: *Surgery* 158 (1), S. 66-77. DOI: 10.1016/j.surg.2015.03.009.

B. Braun Medical AG | Infection Control | Seesatz 17 | CH-6204 Sempach
Phone +41 58 258 50 00 | info.bbmch@bbraun.com | www.bbraun.com/ssi