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

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

SURGICAL SITE INFECTIONS – THE TIME TO ACT IS NOW

1. **HEALTHCARE ASSOCIATED INFECTIONS (HAI)**

   In the EU approx. 4,100,000 patients each year are estimated to acquire a HAI.

   WORLDWIDE, SSI rank:
   - #2 of all HAI in resource-rich countries and
   - #1 in income-poor settings.

2. **INCIDENCE**

   0.5–10.1% of all patients undergoing a surgery develop an SSI.

   With 138 million major surgical procedures in high expenditure markets...

   ... that means an average of 8,280,000 patients develop an SSI every year.

   The true rate of SSI is likely underestimated.

3. **IMPACT**

   SSI is followed colorectal surgery associated with worse postoperative outcomes, longer length of stay, and high rates of re-admission.

   In one study, 77% of the deaths of surgical patients are related to surgical wound infection (SSI).

4. **SOLUTION**

   “It has been proven to be effective to combine particular important measures into a bundle.”

   60% of SSI can be avoided!
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

BEFORE SURGERY

SURGEON

PATIENT

NURSE

ANESTHETIST

OR NURSE

PATIENT INFORMATION

PREOPERATIVE BATHING

HYGIENIC HAND DISINFECTION

NOSE/SKIN DECOLONIZATION

HAIR REMOVAL

MECHANICAL BOWEL PREPARATION

NORMOTHERMIA

BLOOD GLUCOSE CONTROL

HYGIENIC HAND DISINFECTION

SURGICAL HAND DISINFECTION

PROTECTIVE WEAR

SKIN ANTISEPSIS

DRAPE

HYGIENIC HAND DISINFECTION

SURGICAL HAND DISINFECTION

PROTECTIVE WEAR

Surgical Hand Disinfection

Protective Wear

Skin Antisepsis

Drapes

National Institute for Health and Clinical Excellence

World Health Organization

CDC

Robert Koch Institute

NHS
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.
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 (11, 12).
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.

... WITH THE RIGHT PRODUCT CONCEPT
REFERENCES