The Centers for Disease Control and Prevention (CDC) has revised its Guideline for the Prevention of Surgical Site Infection to include a recommendation for using antimicrobial sutures:

“Consider the use of triclosan-coated sutures for the prevention of SSI.”

Triclosan-coated sutures are now also supported by:

World Health Organization (WHO)
Global Guidelines for the Prevention of Surgical Site Infection

“The panel suggests the use of triclosan-coated sutures for the purpose of reducing the risk of SSI, independent of the type of surgery.”

American College of Surgeons & Surgical Infection Society (ACS & SIS)
Surgical Site Infection Guidelines

“Triclosan antibacterial suture use is recommended for wound closure in clean and clean-contaminated abdominal cases when available.”

*CDC, WHO, and ACS/SIS guidelines on reducing the risk of surgical site infections are general to triclosan-coated sutures and are not specific to any one brand.

SSIs are a common and costly problem following colorectal surgery

Up to 20% of colorectal surgery patients will develop an SSI.

A single SSI can lead to as many as 10 additional hospital days.

SSI-related readmission rates for colorectal surgery are up to 5x higher than gynecologic, orthopedic, spinal, or cardiovascular procedures.

SSIs increase the risk of other wound complications

- Patients with SSI are 2.2x more likely to develop incisional hernia.
- Patients with SSI are 6x more likely to suffer wound dehiscence following abdominal surgery.

Ethicon is committed to partnering with colorectal surgeons to realize better patient outcomes by reducing the risk of surgical site infection (SSI).
Prospectively planned meta-analyses of randomized controlled trials (RCTs) were performed on the use of sutures containing triclosan to lower SSI rates.

**META-ANALYSES OVERVIEW**

<table>
<thead>
<tr>
<th>Reference</th>
<th>RCTs</th>
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**RESULTS**

- **OR=0.77 (CI=0.40-1.51) p=0.45**
- **OR=0.61 (CI=0.32-1.09) p=0.04**
- **RR=0.74 (CI=0.59-0.90) p<0.005**
- **RR=0.70 (CI=0.57-0.85) p=0.001**
- **RR=0.70 (CI=0.57-0.85) p=0.001**
- **RR=0.74 (CI=0.66-0.87) p<0.001**
- **RR=0.76 (CI=0.67-0.88) p<0.001**
- **RR=0.77 (CI=0.68-0.86) p<0.001**
- **RR=0.72 (CI=0.62-0.83) p<0.001**
- **RR=0.72 (CI=0.62-0.83) p<0.001**
- **RR=0.72 (CI=0.62-0.83) p<0.001**

- **p=0.45**
- **p=0.04**
- **p<0.005**
- **p<0.001**
- **p<0.001**
- **p=0.12**
- **p<0.001**
- **p=0.001**
- **p=0.220**
- **p<0.001**

**PROVEN EFFECTIVE AGAINST:**

- *Staphylococcus aureus*
- *Staphylococcus epidermidis*
- Methicillin-resistant
  - *Staphylococcus aureus (MRSA)*
- Methicillin-resistant
  - *Staphylococcus epidermidis (MRSE)*
- *Escherichia coli*®
- *Klebsiella pneumoniae*®

Facts about triclosan – the antibacterial agent used in Plus Sutures

- Plus Sutures are made with the purest form of triclosan – IRGACARE® MP – a broad-spectrum antimicrobial agent that has been widely used and extensively studied for over 40 years

**Ethicon Plus Suture Technology — Helping Optimize Patient Care in Colorectal Surgery**

For complete indications, contraindications, warnings, precautions, and adverse reactions, please reference full package insert.