

**Auto Suture\* Soft Thoracoport\*\* Obturator and Sleeve**

K992288

**IX. 510(k) Summary of Safety and Effectiveness**

**SUBMITTER:** United States Surgical  
150 Glover Avenue  
Norwalk, CT 06856

**CONTACT PERSON:** Christopher A. Graham

**DATE PREPARED:** July 2, 1999

**CLASSIFICATION NAME:** Laparoscope, General & Plastic Surgery

**COMMON NAME:** Blunt-Tipped Obturator and Cannula

**PROPRIETARY NAME:** Auto Suture\* Soft Thoracoport\*\* obturator and sleeve

**PREDICATE DEVICES:** Auto Suture\* Modified Surgiport\* Disposable Surgical Trocar and Sleeve (K903419) Endopath Disposable Flexible Surgical Cannula (K931111)

**DEVICE DESCRIPTION:** The Auto Suture\* Soft Thoracoport\*\* obturator and sleeve consists of a sterile, single-use, blunt-tipped obturator and a flexible threaded sleeve. The threaded sleeve has a shroud at its proximal end to protect against foreign materials entering the cavity and for instrument stabilization. The Auto Suture\* Soft Thoracoport\*\* obturator and sleeve is available in 5mm, 12mm and 15mm sizes.

**INTENDED USE:** The Auto Suture\* Soft Thoracoport\*\* obturator and sleeve is indicated for use in establishing a port of entry for endoscopic instruments (straight and curved) in thoracic and other procedures, where insufflation is not required.

**MATERIALS:** All component materials of the Auto Suture\* Soft Thoracoport\*\* obturator and sleeve are comprised of materials which are in accordance with ISO Standard # 10993-1.

**PERFORMANCE DATA:** Pre-clinical laboratory evaluations were performed to ensure that the device could be used as designed. The studies demonstrated substantial equivalence to the predicate device in creating a port of entry for endoscopic instruments (straight and curved) in thoracic and other procedures, where insufflation is not required.



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

JUL 30 1999

Mr. Christopher A. Graham  
Senior Associate, Regulatory Affairs  
Tyco International (US), Inc.  
United States Surgical  
150 Glover Avenue  
Norwalk, Connecticut 06856

Re: K992288  
Trade Name: Auto Suture\* Soft Thoracoport Obturator and Sleeve  
Regulatory Class: II  
Product Code: GCJ  
Dated: July 2, 1999  
Received: July 7, 1999

Dear Mr. Graham:

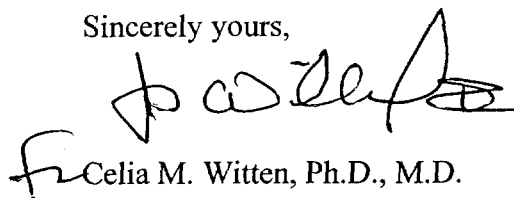
We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the current Good Manufacturing Practice requirement, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic (QS) inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4595. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "<http://www.fda.gov/cdrh/dsmamain.html>".

Sincerely yours,

A handwritten signature in black ink, appearing to read "Cecilia M. Witten". The signature is stylized and written in a cursive-like font.

Cecilia M. Witten, Ph.D., M.D.  
Director  
Division of General and  
Restorative Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

Auto Suture\* Soft Thoracoport\*\* Obturator and Sleeve

IV. Indications For Use:

510(k) Number (if known): K992288

Name: Auto Suture\* Soft Thoracoport\*\* obturator and sleeve

Indications For Use:

The Auto Suture\* Soft Thoracoport\*\* obturator and sleeve is indicated for use in establishing a port of entry for endoscopic instruments (straight and curved) in thoracic and other procedures, where insufflation is not required.

(Please do not write below this line - continue on another page if needed)

Concurrence of CDRH, Office of Evaluation (ODE)

Prescription Use: X OR Over-The-Counter Use: \_\_\_\_\_  
(Per 21 CFR §801.109)

[Signature]  
(Division Sign-Off)  
Division of General Restorative Devices K  
510(k) Number \_\_\_\_\_