

miniSQUAIR®

**Proven Most Effective for
Capturing Surgical Plume***



*99.5% of surgical plume is captured with ETO Sterilization and 90.6% with Gamma Sterilization. University of Minnesota Department of Mechanical Engineering Particle Calibration Laboratory. Bernard Olson, Ph.D., Manager. Dtd. Nov. 21 and 30, 2011; and Oct. 18 and Dec. 2, 2013.

**Nearly twice
as effective as
current smoke
evacuation
methods.**

Proven Benefits to Surgeons

- **No Intraoperative Involvement**
- **Low Profile Does Not Obstruct Vision**
- **Allows Use Of Retractors**
- **Does Not Disturb Operative Protocols**

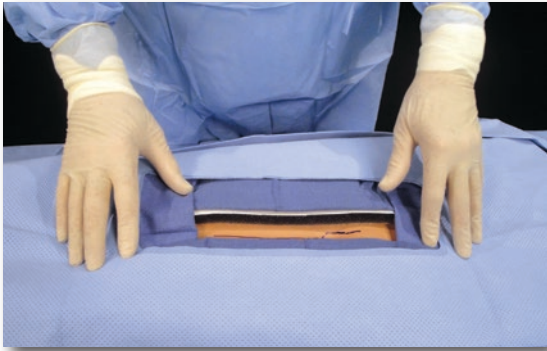
The same innovative designers of the first smoke evacuation method patented for laparoscopic procedures, now bring you the miniSQUAIR® for **open** surgical procedures.



510(k) Cleared



Why Perioperative Nurses Want the miniSQUAIR®



The miniSQUAIR® is almost unnoticeable after surgical drape is applied.

- Easy and quick application
- Can be applied to the skin or to the surgical drapes
- Adheres to any body contour
- No team member involvement during surgery
- Eliminates chemical odors and bioaerosols
- Compatible with all current evacuation filter systems

Adoption of the miniSQUAIR® Solves Multiple Challenges

Materials Management

- Cost neutral
- Reduces inventory (one size fits all)
- Self contained
- Ordered by a single part number

Occupational Health and Safety

- Twice as effective as current methods ¹
- O.R. staff have twice the incidence of respiratory illness when compared to the general population ²
- Surgical smoke contains mutagenic and carcinogenic substances ³
- Fire retardant (UL 94 RH-1)
- Clean air has been proven to reduce absenteeism ⁴
- Currently used surgical masks do not protect from inhalation of nanoparticles ⁵

1 University of Minnesota Department of Mechanical Engineering Particle Calibration Laboratory. Bernard Olson, Ph.D., Manager. Dtd. Nov. 21 and 30, 2011

2 Ball, K. Surgical Smoke Evacuation Guidelines; Compliance Among Perioperative Nurses. AORNJ 2010;92(2): 1 - 23.

3 U.S. Department of Health Services (DHHS). National Institute for Occupational Safety and Health (NIOSH). Publication No. 96-128 (Hazard Control 11), 1998, March 2.

4 "Indoor Air Quality and Student Performance" in EPA Series 402-K-03-006, revised August, 2003.

5 Dykes, C. N. Is It Safe to Allow Smoke in Our Operating Room? Today's Surg. Nurse. 1999;21(2): 15-20, 38-39.

Sterile Components

Plenum with polyurethane cell foam core and polyethylene "skin"
Proprietary polypropylene "transition" adapter
25 mm I.D. x 96" corrugated LDPE/EVA tubing
Part Number: SQ20012-01

Non-Sterile Components

25 mm I.D. x 72" corrugated LDPE/EVA tubing
Proprietary pre-filter (96.4% BFE)
Proprietary adapters.
Part Number: SQNS 20018-01

mini SQUAIR®

For a trial of the miniSQUAIR®
call 952-345-1112
e-mail info@nascentsurgical.com
or visit www.nascentsurgical.com

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