

miniSQUAIR®

Proven Most Effective
for Capturing Surgical
Bioaerosols^{1,2}



Significantly better
than ESU "Pencil"
($p < 0.05$) at reducing
particulates around
open surgical wounds.³

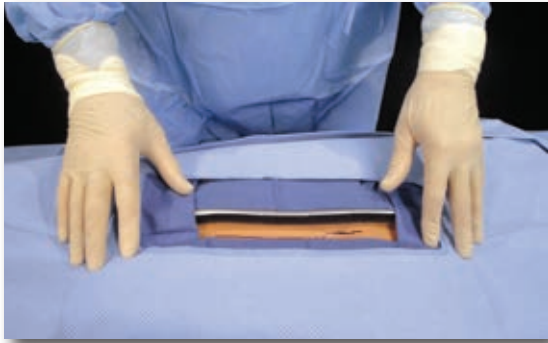
Proven Benefits to Surgeons

- 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.



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 ⁴
- Surgical smoke contains mutagenic and carcinogenic substances ⁵
- Fire retardant (UL 94 RH-1)
- Clean air has been proven to reduce absenteeism ⁶
- Currently used surgical masks do not protect from inhalation of nanoparticles ⁷

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

2. Schultz L., Can Efficient Smoke Evacuation Limit Aerosolization of Bacteria? AORN J. 2015; 102(4): 7-14

3. Liu N, Filipp N, Wood KB. The Utility of Local Smoke Evacuation in Reducing Surgical Smoke Exposure in Spine Surgery; A Prospective Self-Controlled Study. The Spine J. 00 2019: 1-8

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


5. 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.

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

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

Ordering Information

Description: **miniSQUAIR Open Surgery Smoke Evacuation System**
25mm Inner Diameter x 8 Ft with adapter

Part Number: SQ20012-01 
Packaging: 15/Box, Sterile 0050

Description: **miniSQUAIR Non-Sterile Extension Tubing**
25mm Inner Diameter x 6 Ft with pre-filter and adapters

Part Number: SQNS 20018-01
Packaging: 15/Box, Non-Sterile

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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