

Supplement to

ANESTHESIOLOGY NEWS

18th Annual

BUYER'S GUIDE

Summer/Fall 2020

- 3 Airway Management
- 7 Anesthesia Machines
- 11 Blood Management
- 12 Breathing Circuits & Masks
- 13 Carts
- 13 Information Management Systems
- 13 Monitoring Systems & Devices
- 16 Pain Management
- 17 Patient Positioning
- 17 Patient Safety
- 17 Regional Anesthesia
- 18 Ultrasound

AnesthesiologyNews.com/BuyersGuide



See acknowledgments on page 18.



TETRAGRAPH™ Quantitative TOF Monitor

New Gold Standard EMG

6 out of 10 patients experience RNMB (residual neuromuscular blockade) at extubation. *The Recite-US study*

Quantitative NMB Monitoring supports enhanced patient care and provides confidence in decision making from start to finish.

PREVENT THE PREVENTABLE

 **SENZIME**
www.senzime.com



Always Be Ready for What's Next with Patient SafetyNet™*

Multiple studies over 10 years at Dartmouth-Hitchcock Medical Center have shown improved clinical outcomes and reduced cost of care.

0

preventable deaths or brain damage due to opioid-induced respiratory depression in monitored patients over 10 years¹

↓50%

approximate reduction in ICU transfers²

↓60%

approximate reduction in rapid response team activations²

↓\$7 Million

annual cost savings³

Masimo SET[®] is used to monitor over 200 million patients a year.⁴



- > Masimo SET[®] has been shown in more than 100 independent and objective studies to outperform other pulse oximetry technologies⁵
- > Radius PPG[™] tetherless pulse oximetry allows you to monitor patients from outside the room and beyond
- > Remote patient monitoring at central view stations
- > Real-time data and alarm notifications on clinicians' smartphones with Replica[™]



[masimo.com/patientsafetynet](https://www.masimo.com/patientsafetynet)

¹ McGrath S et al. *J Patient Saf.* 2020 14 Mar. DOI: 10.1097 / PTS.0000000000000696. ² McGrath S et al. *The Joint Commission Journal on Quality and Patient Safety.* 2016 Jul;42(7):293-302. ³ Taenzer A et al. *Anesthesia Patient Safety Foundation Newsletter.* Spring-Summer 2012. ⁴ Estimate: Masimo data on file. ⁵ Published clinical studies on pulse oximetry and the benefits of Masimo SET[®] can be found on our website at <http://www.masimo.com>. Comparative studies include independent and objective studies which are comprised of abstracts presented at scientific meetings and peer-reviewed journal articles. *The use of the trademark Patient SafetyNet is under license from University HealthSystem Consortium.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

© 2020 Masimo. All rights reserved.
PLCO-003907/PLMM-11615A-0520
PLLT-11193A

AIRWAY MANAGEMENT

ADROIT SURGICAL LLC

VIE SCOPE® LARYNGOSCOPE



13904 Quailbrook Drive, Oklahoma City, OK 73134
425-577-2713
customerservice@adroitsurgical.com
adroitsurgical.com

The Vie Scope® makes intubation in the difficult airway and trauma patient simple. The most effective and safest device to intubate your COVID-19 patients. Vie Scope® provides a straight line of sight to the vocal cords for rapid insertion of the bougie, including in awake patients. Patented illumination uses LEDs at the proximal end of the clear tube to minimize loss of light from blood/secretions, giving the user the best view possible in all cases. One size fits all adults. Contact for a demo.



AIRWAY MANAGEMENT

AMBU INC.

AMBU® AURAONCE™

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The Ambu AuraOnce is an anatomically curved laryngeal mask for everyday use. Molded directly into the tube, the curved shape makes correct insertion easy without abrading the upper airway and without placing fingers inside the patient's mouth. The AuraOnce's curve also ensures that the patient's head remains in a natural supine position when the mask is in use without extra stress on the upper jaw.



AIRWAY MANAGEMENT

AIRWAY MANAGEMENT ENTERPRISES, LLC

RAPID POSITIONING INTUBATION STYLET/RPIS



781-727-1471
rpshock55@gmail.com
airwaymanagemententerprises.com

The RPIS is a dynamic hand-controlled intubating stylet with a tip that can be flexed and retroflexed to intubate difficult airways using video and direct laryngoscopy. The RPIS will improve difficult intubations where "you can see it but you can't get it there" with standard malleable and rigid

stylets, reducing multiple attempts at intubation. The RPIS provides the same power of combining video laryngoscopy and a fiber-optic bronchoscope with the hands of only one anesthesiologist. The RPIS is an essential tool for the difficult airway.



AIRWAY MANAGEMENT

AMBU INC.

AMBU® AURASTRAIGHT™

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The Ambu AuraStraight is a straight tube laryngeal mask for everyday use. It features a unique one-piece molded design that avoids rough edges on the airway tube and cuff. The AuraStraight provides an extra-soft, thin cuff allowing the seal to more readily conform to the shape of the airway with a minimal amount of pressure.



AIRWAY MANAGEMENT

AMBU INC.

AMBU® aSCOPE™ 4 BRONCHO

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The aScope 4 Broncho family of single-use bronchoscopes offers clear, sharp images and adaptive light control making airway anatomy identification and navigation easy. The latest aScope allows for high bending angles and precise tip motion with an ergonomic handle. aScope 4 Broncho eliminates the risk for cross-contamination and simplifies procedure setup.



AIRWAY MANAGEMENT

AMBU INC.

AMBU® aVIEW 2 ADVANCED

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The Ambu single-use flexible endoscope platform revolves around the Ambu® aView™ 2 Advance monitor. It delivers excellent imaging capabilities and helps you perform a wide range of endoscopy procedures across clinical specialties confidently. And you only have to deal with one supplier, which you can count on to deliver.



AIRWAY MANAGEMENT

AMBU INC.

AMBU® AURAGAIN™

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The Ambu AuraGain is an anatomically curved laryngeal mask with gastric access and intubation capability. The integrated gastric access channel assists with managing gastric content. When a difficult airway situation occurs, the AuraGain and any endotracheal tube can be used in conjunction with visualization device assistance to establish a secure airway.



AIRWAY MANAGEMENT

AMBU INC.

AMBU® FUJI UNIBLOCKER™

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The Ambu Fuji Uniblocker is the only bronchial blocker that incorporates a steel mesh polyurethane-covered shaft for direct control of the blocker into the targeted bronchus. This control allows for simple and intuitive placement of the blocker.



AIRWAY MANAGEMENT

9

AMBU INC.

KING LTS-D™ DISPOSABLE LARYNGEAL TUBE

See ad on p. 6



6230 Old Dobbin Lane, Suite 250,
Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The King LTS-D is a curved laryngeal tube airway with gastric access. The anatomically shaped distal tip and cuff assist in airway passage behind the larynx and into the normally collapsed esophagus. As an emergency airway, the King LTS-D offers simultaneous inflation of proximal and distal cuffs. Suction channel minimizes gastric insufflation and allows easy passage of the gastric tube.



AIRWAY MANAGEMENT

13

ARC MEDICAL, INC.

CIRCUITGUARD®



4296 Cowan Road, Tucker, GA 30084
800-950-2721
arcinfo@arcmedical.com
arcmedical.com

Protecting Every Breath™ All clinical and regulatory requirements are met when using circuitGuard® and multiple patient use of an anesthesia breathing circuit. Over 800 facilities nationwide have passed accreditation by the inspection agencies. Viral and TB rated. Reduce your environmental footprint. Reduce OR turnover time. Reduce storage space. Reduce your budget.



AIRWAY MANAGEMENT

10

AMBU INC.

KING VISION® aBLADE™ VIDEO LARYNGOSCOPE

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The King Vision aBlade Video Laryngoscope is designed for indirect visualization of the vocal cords, which minimizes the need for tissue manipulation and improves the ability to see anterior airways. The King Vision aBlade system covers infant through adult patients with a wide range of aBlade sizes. The channeled aBlade option eliminates the need, hassle and cost associated with endotracheal tube stylets.



AIRWAY MANAGEMENT

14

BELL MEDICAL

INSIGHT VIDEO AIRWAY MANAGEMENT SYSTEM



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600 or 800-875-Bell (2355)
customerservice@bellmedical.com
bellmedical.com

Insight video display fits Insight's flexible endoscopes, rigid scope and video laryngoscope, providing a convenient and cost-effective one-system intubation solution from neonate to adult.

Features: 3.5-inch high-definition (HD) touch screen color display, antifog technology, photo/video and audio recording, and USB/HDMI/Wi-Fi. Best-in-class technology brings your patient's vocal cords "insight." Call for a free trial!



AIRWAY MANAGEMENT

11

AMBU INC.

VIVASIGHT-DL DOUBLE-LUMEN TUBE WITH INTEGRATED CAMERA

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The VivaSight-DL is the new generation of double-lumen tubes (DLTs) with an integrated high-resolution camera providing fast and effective placement of the DLT as well as continuous visual monitoring throughout the procedure. Malpositioning and dislocations are easily detected

and corrected. The VivaSight-DL helps overcome DLT placement and positioning challenges common to one-lung ventilation procedures.



AIRWAY MANAGEMENT

15

BELL MEDICAL INC

PROCEDURAL SAFETY HOOD



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600 or 800-875-Bell (2355)
customerservice@bellmedical.com
bellmedical.com

The Procedural Safety Hood is a disposable, expandable enclosure that allows for safer patient intubation by mitigating aerosolization and COVID-19 exposure to caregivers performing high-risk procedures. The PSH has multiple ports on front and sides for easy unobstructed patient access. It is lightweight, portable, foldable, easy to use and store. "Better in all ways in comparison with a rigid and restrictive plexiglass box."



AIRWAY MANAGEMENT

12

AMBU INC.

VIVASIGHT-SL SINGLE-LUMEN TUBE WITH INTEGRATED CAMERA

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The VivaSight-SL is the new generation of endotracheal tube with an integrated high-resolution camera. VivaSight-SL makes placement of the bronchial blockers fast and effective. Continuous visual monitoring throughout the one-lung ventilation (OLV) procedure makes OLV much safer, as incorrect position of the bronchial blocker is easily detected and corrected.



AIRWAY MANAGEMENT

16

FLEXICARE, INC.

BRITEPRO™ OMNI



15281 Barranca Parkway, Unit D, Irvine, CA 92618
949-450-9999
inquiries@flexicare.com
flexicare.com

BritePro™ Omni is a single-use, one-piece laryngoscope blade and handle solution ready for use straight from the sterile pack. The super bright, distally located LED light delivers excellent visualization. The ultra-low profile blade design reduces risk for dental trauma. The metal, color-coded blades and labeled secure-grip handles allow for easy size identification. Simply open, use and then dispose.



AIRWAY MANAGEMENT

17

FLEXICARE, INC.

BRITEPRO SOLO™, MINI™ AND STUBBY™



15281 Barranca Parkway, Unit D, Irvine, CA 92618
949-450-9999
inquiries@flexicare.com
flexicare.com

BritePro Solo™—the completely sterile, disposable laryngoscope system. Featuring a focused LED light with shielded fiber-optic bundle, low-profile, fully metal blade and connection, and a lightweight, secure-grip handle with a five-year shelf life, BritePro Solo™ is the best disposable laryngoscope solution. Specialty blade and handle sizes are

available for every clinical need, supplied together as a kit or individually.



AIRWAY MANAGEMENT

21

HEINE USA LTD.

HEINE REUSABLE LARYNGOSCOPE SYSTEM FEATURING THE EASYCLEAN HANDLE AND CLASSIC+ BLADES



10 Innovation Way, Dover, NH 03820
800-367-4872
service@heine-na.com
heine.com

The HEINE Reusable Laryngoscope System Featuring the EasyClean LED Handle and Classic+ Blades is an innovative instrument that provides the utmost in performance, made with high-quality materials and bright and reliable LED illumination for an optimal view. The handle is 100% waterproof meaning there is no need to remove parts for sterilization processes. The HEINE System was created to provide the best performance, easy reprocessing and safety for patients.



AIRWAY MANAGEMENT

18

FLEXICARE, INC.

LARYSEAL™ PRO



15281 Barranca Parkway, Unit D, Irvine, CA 92618
949-450-9999
inquiries@flexicare.com
flexicare.com

LarySeal Pro™, the second-generation supraglottic airway device, enables rapid and secure airway management. The anatomic curvature conforms to the patient's airway, and the bite guard protects from dental damage. The suction channel allows 16 Fr or smaller suction catheter on sizes 3 to 5. The integral epiglottic flap and guide ramp enable fast and accurate endotracheal tube or bronchoscope insertion. Ideal for routine and difficult airway management.



AIRWAY MANAGEMENT

22

INTERSURGICAL

I-GEL®

See ad on p. 12



6757 Kinne Street, East Syracuse, NY 13057
800-828-9633
support@intersurgicalinc.com
intersurgical.com

i-gel® from Intersurgical® is an innovative second-generation supraglottic airway. It has a soft, gel-like, non-inflating cuff designed to provide an anatomical, impression fit over the laryngeal inlet, accurately mirroring the perilaryngeal framework. i-gel is known for ease and speed of insertion, reduced trauma, superior seal pressure, gastric access, integral bite block, and use as a conduit for intubation under fiberoptic guidance (sizes 3, 4 and 5). Quality, innovation and choice.



AIRWAY MANAGEMENT

19

FLEXICARE, INC.

PROVU™ VIDEO LARYNGOSCOPE (VL)



15281 Barranca Parkway, Unit D, Irvine, CA 92618
949-450-9999
inquiries@flexicare.com
flexicare.com

New generation VL—the 100% metal, ultra-low-profile blade's shape is designed to reduce the risk for dental damage. Available with a range of Hyper-angulated and Macintosh blades, ProVu™ VL is the perfect solution for routine and difficult intubations. The 3.5-inch display with LCD screen technology gives an enhanced view of the airway. With its ergonomic design, ProVu™ VL is ready to use within seconds. The sterile, fully disposable laryngoscope and wipe-down capable display are designed for ease of use, reduced risk for cross-contamination and patient safety.



AIRWAY MANAGEMENT

23

INTERSURGICAL

I-VIEW™

See ad on p. 12



6757 Kinne Street, East Syracuse, NY 13057
800-828-9633
support@intersurgicalinc.com
intersurgical.com

The new i-view™ from Intersurgical® is a single-use video laryngoscope, providing the option of video laryngoscopy wherever you might need to intubate. By incorporating a Macintosh blade, i-view can also be used for direct laryngoscopy. The ergonomic design ensures it is easy and instinctive to use, while the integral LCD screen provides an optimal view in a variety of light conditions. Make your first attempt at laryngoscopy your best attempt. Quality, innovation and choice.



AIRWAY MANAGEMENT

20

FLEXICARE, INC.

PROVU™ VIDEO STYLET (VS)



15281 Barranca Parkway, Unit D, Irvine, CA 92618
949-450-9999
inquiries@flexicare.com
flexicare.com

An intuitive endotracheal tube (ETT) guidance system with video technology. The ETT tip can be flexed and retroflexed to navigate safely through patient anatomy. Shape and stiffness can be adjusted for multiple intubation techniques. Camera positioning at the distal tip of the ETT provides visualization to and through the vocal cords, resulting in visual tracheal depth confirmation of placement. For use with direct laryngoscopy, video laryngoscopy, supraglottic airway, retromolar and nasotracheal intubation, in routine and difficult airways. ProVu™ VS is the ultimate intubation solution.



AIRWAY MANAGEMENT

24

KARL STORZ ENDOSCOPY-AMERICA, INC.

C-MAC® POCKET MONITOR



2151 East Grand Avenue, El Segundo, CA 90245
800-421-0837
communications@karlstorz.com
karlstorz.com

Offering solutions for difficult intubations in emergency, trauma and field-based settings, our portable C-MAC® Pocket Monitor (PM) has virtually no learning curve as it uses C-MAC® standard Macintosh and Miller reusable and single-use blades. The system accommodates neonate through adult patients. The C-MAC® PM features one-button recording of stills and video files for documentation.





Sterile. Ready when you are.

Ambu® aScope™ 4 Broncho

Your hassle-free bronchoscopy solution

An integrated, ready-to-go single-use solution with Ambu® BronchoSampler™ and Ambu® aView™ 2 Advance

The smarter solution for enhanced patient safety

Sterile and always available
- improves safety, workflow and productivity

Spend time on your patients rather than your equipment

You always have a single-use bronchoscope available when you need it

Learn more at ambuUSA.com/aview-2-advance



Ambu
Ideas that work for life

AIRWAY MANAGEMENT

25

KARL STORZ ENDOSCOPY-AMERICA, INC.

C-MAC® S SINGLE-USE VIDEO LARYNGOSCOPE



2151 East Grand Avenue, El Segundo, CA 90245
800-421-0837
communications@karlstorz.com
karlstorz.com

Our lightweight yet robust C-MAC® S Imager gives you new possibilities for setup and use. With the C-MAC® system interface, you can connect the unit to the C-MAC® Pocket Monitor or C-MAC® Monitor via the C-MAC® Cable. One-button operation for documentation is provided by the "BlueButton" function. Switch to a new blade in seconds using the open-to-intubate feature when connected to our C-MAC® PM.



AIRWAY MANAGEMENT

29

MEDTRONIC

McGRATH™ MAC VIDEO LARYNGOSCOPE



6135 Gunbarrel Avenue, Boulder, CO 80301
303-305-2294
vickie.sims@medtronic.com
medtronic.com/mac-first

The McGRATH™ MAC video laryngoscope combines portable, line-of-sight video with familiar laryngoscopy technique to deliver exceptional first-attempt success and help distance health care providers from potential exposure to droplet-borne pathogens. A range of blade sizes and designs enables the McGRATH™ MAC to manage routine to extreme airways in pediatric and adult patients.



AIRWAY MANAGEMENT

26

KARL STORZ ENDOSCOPY-AMERICA, INC.

C-MAC® VIDEO STYLET



2151 East Grand Avenue, El Segundo, CA 90245
800-421-0837
communications@karlstorz.com
karlstorz.com

The C-MAC® Video Stylet represents a completely new type of video endoscope. Its sheath and deflectable tip combine the advantages of both rigid and flexible intubation endoscopes. The design of the C-MAC® Video Stylet is similar to that of our retromolar intubation endoscope, and is especially useful when managing the unexpected difficult airway.



AIRWAY MANAGEMENT

30

RICHMOND DENTAL AND MEDICAL

SOFT BITEBLOCK™



1100 Hawthorne Lane, Charlotte, NC 28205
704-405-4012
fran.eskew@richmonddental.net
richmonddentalandmedical.net

Protect your patient with decreased risk for cross-contamination from hand-rolling and taping gauze by choosing Richmond Soft BiteBlock®. It is placed between a patient's molars to protect the airway device (ETT or LMA), teeth and tongue during emergence. Made in the USA from medical-grade, purified cotton, Richmond Soft BiteBlock® delivers consistent compression performance and is readily available in individually packaged sizes

for optimal fit and comfort. For more information or to request a sample, please visit bit.ly/SBInfo.



AIRWAY MANAGEMENT

27

KARL STORZ ENDOSCOPY-AMERICA, INC.

FLEXIBLE INTUBATION VIDEO ENDOSCOPE



2151 East Grand Avenue, El Segundo, CA 90245
800-421-0837
communications@karlstorz.com
karlstorz.com

The KARL STORZ Flexible Intubation Video Endoscope (FIVE) combines a video chip and LED light source in the scope's distal tip to help optimize visualization. Now available in 5.5-, 4.0- and 3.0-mm sizes. Similar to familiar C-MAC® components, the lightweight FIVE delivers clear, pixel-free images without a moiré pattern and plugs into either the C-MAC® Monitor or the C-HUB® II module.



ANESTHESIA MACHINES

31

CARDINAL MEDICAL SPECIALTIES, INC.

OBA-1 AND OBA-1 MRI



3703 Taylorsville Road, Suite 107, Louisville, KY 40220
800-443-5997
cardmedinc@aol.com
obamed.com

The OBA-1 and OBA-1 MRI units are the first lightweight (30 lb), FDA 510(k)-approved, compact, portable anesthesia machines specifically designed for surgical locations where space or access is limited, such as office-based anesthesia and MRI scan rooms, or any location where size, mobility and portability are important. No electricity needed.



AIRWAY MANAGEMENT

28

KARL STORZ ENDOSCOPY-AMERICA, INC.

SINGLE-USE FIVE S



2151 East Grand Avenue, El Segundo, CA 90245
800-421-0837
communications@karlstorz.com
karlstorz.com

The new single-use FIVE S (Flexible Intubation Video Endoscope) offers a single-use solution that is impressive in every respect. Its compatibility with the multifunctional C-MAC Monitor and C-HUB II module allows the new FIVE S to be integrated into the existing C-MAC platform, for an ideal hybrid solution when used with reusable blades. Now available in three sizes: 3.5 mm × 65 cm, 3.0 mm × 65 cm, and 3.0 mm × 52 cm.



ANESTHESIA MACHINES

32

DRÄGER

APOLLO®

See ad on p. 20



3135 Quarry Road, Telford, PA 18969
800-437-2437
info.usa@draeger.com
draeger.com

Equipped to meet the clinical demands of today and tomorrow, the Apollo can grow with your practice to protect your investment. Proven to reduce volatile agent costs, the Apollo's Low Flow Wizard helps clinicians deliver low-flow anesthesia with confidence and ease. Combined with its heated breathing system and precision E-Vent® plus piston ventilator, the Apollo offers exceptional opportunity for uniform delivery of low-flow anesthesia in your health care facility.



We Admire You.■

We Thank You.■

We Support You.■



All of us at Mindray continue working each and every day to make our product solutions accessible to all. We remain fully committed to supporting healthcare providers like you, serving on the front lines to defend the health of our nation, one patient at a time.

ANESTHESIA MACHINES

33

DRÄGER

FABIUS® GS PREMIUM

See ad on p. 20



3135 Quarry Road, Telford, PA 18969
800-437-2437
info.usa@draeger.com
draeger.com

The Fabius GS Premium combines time-tested design concepts with the comfort and utility of modern digital technology. It's an anesthesia workstation built for today and ready for the future. Export gas flows, concentrations and waveforms to our Infinity® patient monitors and Innovian® Anesthesia system to enhance monitoring, charting and networking power. Its intuitive user interface, common to Dräger workstations, enables fast and precise adjustments.



ANESTHESIA MACHINES

37

DRÄGER

PERSEUS® A500

See ad on p. 20



3135 Quarry Road, Telford, PA 18969
800-437-2437
info.usa@draeger.com
draeger.com/perseusA500

A highly configurable anesthesia workstation, the Perseus® A500 can be easily tailored to meet your needs. Its generous, well-lit workspace can be used to keep supplies organized and within reach. Its compact, heated breathing system is designed to reduce condensation buildup and facilitate fast gas exchange rates. To support continuity of care between the ICU and OR, the Perseus® A500 offers Airway Pressure Release Ventilation.



ANESTHESIA MACHINES

34

DRÄGER

FABIUS® MRI

See ad on p. 20



3135 Quarry Road, Telford, PA 18969
800-437-2437
info.usa@draeger.com
draeger.com

The Fabius MRI features our precision E-Vent® piston ventilator technology, renowned for both performance and safety. It has been tested for use with MRI systems of 1.5 and 3T, and can be safely operated at field strengths of 40 mT (400 G). From within the MRI suite, it's capable of exporting the clinical data you need for complete and accurate anesthesia records. Its user interface, common to Dräger workstations, enables seamless transition from the OR.



ANESTHESIA MACHINES

38

GE HEALTHCARE

AISYS CS²



3030 Ohmeda Drive, Madison, WI 53707
866-281-7545
david.henry@ge.com
gehealthcare.com

GE Healthcare's Aisys CS² is a fully digital (vaporization, gas delivery, ventilation) system designed for seamless connectivity to your other medical devices and your network infrastructure. With hundreds of data points captured during each breath and easy-to-use, cloud-based applications to analyze data, it's more than an anesthesia delivery system. It's the central command for your entire OR. Plan for the future while protecting your investment with Aisys CS².



ANESTHESIA MACHINES

35

DRÄGER

FABIUS® TIRO

See ad on p. 20



3135 Quarry Road, Telford, PA 18969
800-437-2437
info.usa@draeger.com
draeger.com

At its core, the Fabius Tiro features our powerful and accurate E-Vent® piston ventilator, which gives you the ability to handle a wide range of acuity levels. Its compact design makes it a natural choice for applications where you need to get the most of the available room without having to compromise on features or flexibility. With a wide array of options to choose from, the Fabius Tiro can be customized to suit your needs and can be upgraded when those needs change.



ANESTHESIA MACHINES

39

GE HEALTHCARE

AVANCE CS²



3030 Ohmeda Drive, Madison, WI 53718
866-281-7545
david.henry@ge.com
gehealthcare.com

GE Healthcare's Avance CS² features a 15-inch touch screen ventilator display. The optional ecoFLOW feature provides a graphical display of oxygen flow and anesthetic agent use that shows your preset target and calculates the cost of agent used in real time. Clinicians can use this to adjust oxygen flow to help avoid unnecessarily high fresh gas flow rates for potential environmental and economic benefits.



ANESTHESIA MACHINES

36

DRÄGER

FABIUS® TIRO M

See ad on p. 20



3135 Quarry Road, Telford, PA 18969
800-437-2437
info.usa@draeger.com
draeger.com

The Fabius Tiro M was designed to provide a full-featured anesthesia machine in a compact, easy-to-assemble package for use in military medical installations in the field. The modular design allows all standard system components to be stored in a single container so that assembly and disassembly of the unit are easily accomplished.



ANESTHESIA MACHINES

40

GE HEALTHCARE

CARESTATION 650



3030 Ohmeda Drive, Madison, WI 53718
866-281-7545
david.henry@ge.com
gehealthcare.com

Sleek. Simple. Scalable. GE Healthcare's Carestation 650 is a compact, versatile and easy-to-use anesthesia system designed to help clinicians deliver reliable anesthesia care to solve today's toughest challenges. Featuring an elegant modern design, its slim, compact frame is well suited to constrained environments like ambulatory surgery centers.





havel's®

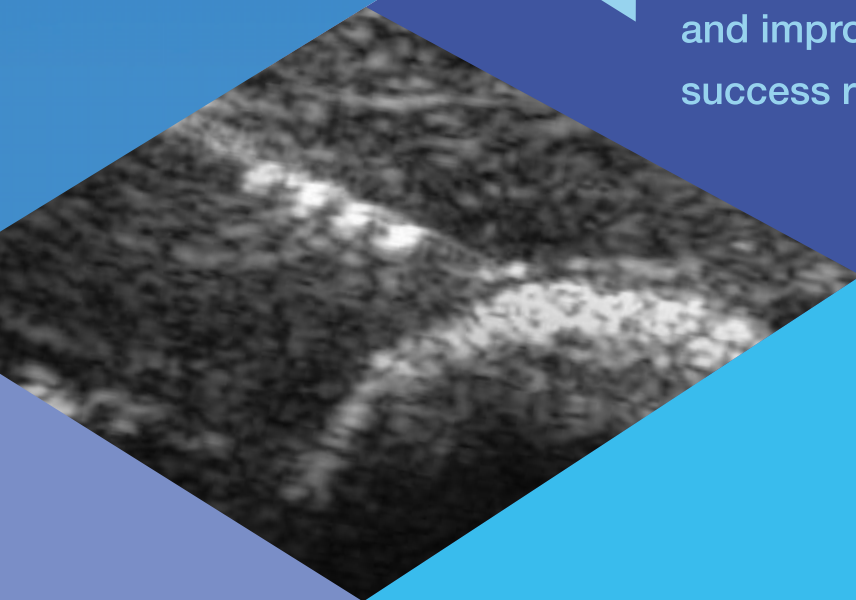
Havel's ultrasound needles for nerve blocks and pain injections.

Havel's echogenic needles outperform the competition on deep blocks with steep insertion angles*. Our needles reflect sound waves back to the transducer, illuminating the needle and improving success rates. We focus reflectors near the tip to reduce costs and to confirm the exact location of the needle's tip.

**Get a free sample today:
John Barrett
1-800-638-4770, ext. 13
jbarrett@havel.com**

*Refers to needle echogenicity in ultrasound-guided lumbar spine injections; a cadaveric study. Gofeld M, Krashin DL, Ahn S.

See the needle,
see the target
and improve your
success rate.



ANESTHESIA MACHINES

41

GE HEALTHCARE

CO₂ ABSORBERS AND OTHER ACCESSORIES



3030 Ohmeda Drive, Madison, WI 53718
866-281-7545
david.henry@ge.com
gehealthcare.com

Amsorb Plus CO₂ (carbon dioxide) absorbent and absorbers from GE Healthcare are tested and verified to function with compatible GE anesthesia machines. The products perform optimally in removal of CO₂ from the breathing system while offering benefits to the patient, environment and clinical operators. GE Healthcare also now offers patient circuits, filters and more.



ANESTHESIA MACHINES

45

MINDRAY

A5 ADVANTAGE ANESTHESIA SYSTEM

See ad on p. 8



800 MacArthur Boulevard, Mahwah, NJ 07430
800-288-2121
customerservice@mindray.com
mindraynorthamerica.com

Scalable functionality and support: The A5 Advantage Anesthesia System offers modular scalability with advanced functionality. Optional features include integrated gas analysis, spirometry loops, airway pressure release ventilation and lung recruitment, and low flow decision support is available with the Optimizer™. Industry standard HL7 data output provides facilities with an ideal choice for hospital standardization.



ANESTHESIA MACHINES

42

GE HEALTHCARE

VAPORIZERS (TEC 850 AND ALADIN2)



3030 Ohmeda Drive, Madison, WI 53718
866-281-7545
david.henry@ge.com
gehealthcare.com

Deliver with confidence. Anesthesia vaporizers and cassettes from GE Healthcare are developed to deliver accuracy under a wide range of conditions. With the Aladin2 cassettes as

well as the mechanical Tec 850 Selectatec vaporizers, we offer accuracy, ease of use and low cost of ownership.



ANESTHESIA MACHINES

46

MINDRAY

A7 ADVANTAGE ANESTHESIA WORKSTATION

See ad on p. 8



800 MacArthur Boulevard, Mahwah, NJ 07430
800-288-2121
customerservice@mindray.com
mindraynorthamerica.com

Optimized anesthesia delivery and efficiency: The A7 Advantage Anesthesia Workstation expands upon the A-Series portfolio with electronic fresh gas control technology and optional recycled sample gas. The Optimizer™ suite provides useful tools to calculate agent usages and support low-flow anesthesia. The A7 Advantage improves workflow and offers a high-performance anesthesia system.



ANESTHESIA MACHINES

43

GETINGE

FLOW-I ANESTHESIA SYSTEM



45 Barbour Pond Drive, Wayne, NJ 07470
888-627-8383
getinge.com/flow-i

Flow-i is designed with the changing needs of patients and clinicians in mind. An innovative rebreathing technology replaces both the traditional bellows and piston technologies for quick and precise wash-in and wash-out of anesthesia agent, while providing high-performance ICU-quality ventilation for all patient categories including the most challenging cases. Flow-i's innovative design has been shown to save 35% in anesthetic agent use, compared

with a leading competitor, without any need for change in practice for the anesthesia provider (data on file with Getinge). Flow-i supports low-flow technique with its unique active O₂ Guard and the open IT architecture, allowing the individual facility to select its monitor and electronic health record system of choice. Flow-i is ergonomically designed, height adjustable, and can be configured to satisfy a variety of workflow requirements.



ANESTHESIA MACHINES

47

MINDRAY

ANESTHETIC VAPORIZERS

See ad on p. 8



800 MacArthur Boulevard, Mahwah, NJ 07430
800-288-2121
customerservice@mindray.com
mindraynorthamerica.com

Mindray offers a full range of anesthetic vaporizers for use with the A-Series anesthesia systems. The V60 vaporizers are available for isoflurane and sevoflurane. The V60's Automatic Flow/Temperature/Pressure Compensation ensures a constant output and accurate concentration of anesthetic agents. Isoflurane, sevoflurane and desflurane

are available in the Vapor 2000 style to satisfy individual customer needs.



ANESTHESIA MACHINES

44

MINDRAY

A4 ADVANTAGE ANESTHESIA SYSTEM

See ad on p. 8



800 MacArthur Boulevard, Mahwah, NJ 07430
800-288-2121
customerservice@mindray.com
mindraynorthamerica.com

Flexibility when and where you need it: The A4 Advantage Anesthesia System offers a versatile solution for optimal patient care. Flexible design allows customization of ventilation capabilities with optional integrated gas analysis and low flow decision support is available with the Optimizer™. Industry standard HL7 data output provides facilities with a cost-effective anesthesia system.



BLOOD MANAGEMENT

48

BELL MEDICAL

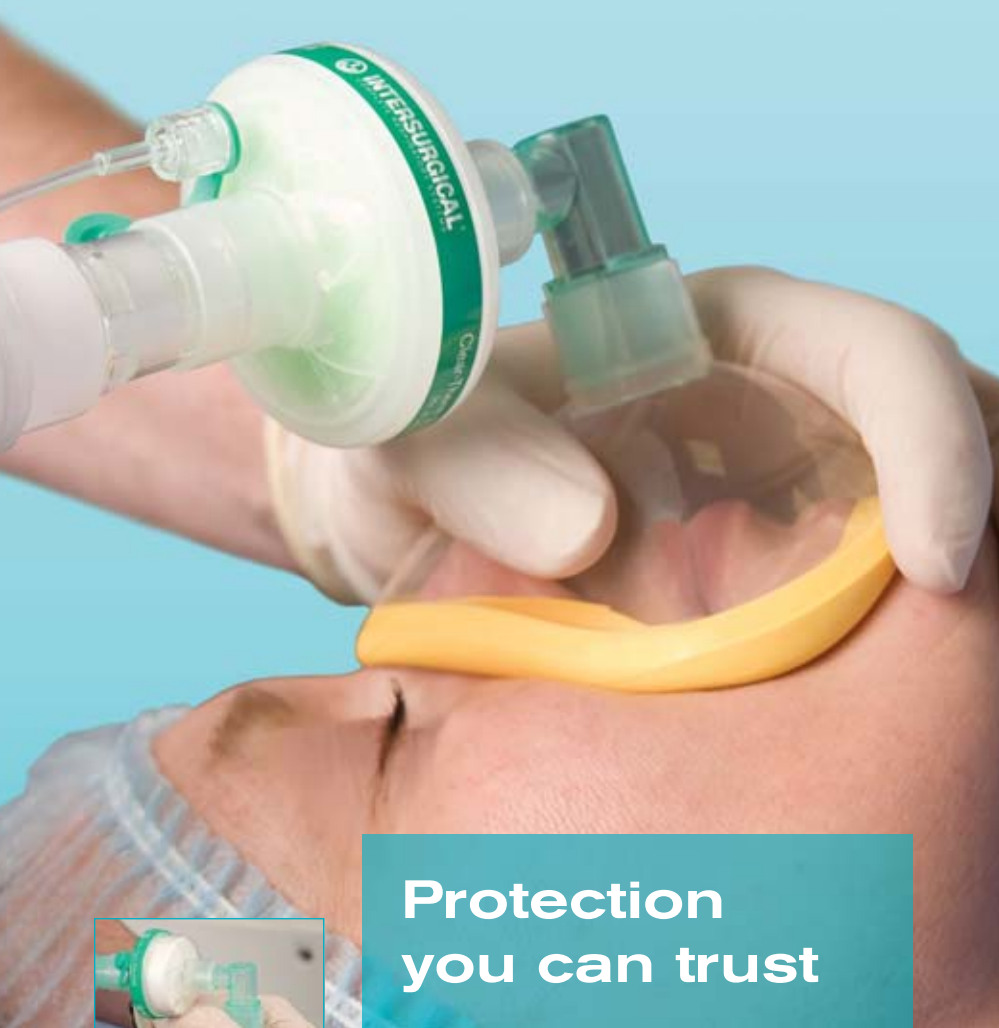
WARRIOR BLOOD WARMER



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600 or 800-875-Bell (2355)
customerservice@bellmedical.com
bellmedical.com

The Warrior is breakthrough technology for blood and fluid warming! Warrior uses microprocessor-controlled stainless steel tubing that adjusts output temperature to changes in flow. Warrior delivers 38°C consistently regardless of flow rates from KVO (keep vein open) to 290 mL/min. The Warrior is perfect for the OR but also has a battery option offering unique portability. Fight hypothermia with the Warrior blood warmer.





Protection you can trust

Breathing filters and HMEFs provide an effective barrier that prevent cross contamination between patients, respiratory breathing systems, equipment and the clinical environment.

The Intersurgical range offers a choice of electrostatic and pleated mechanical HEPA filters. They have been independently microbiologically tested and proven to be highly efficient in preventing the passage of bacteria and viruses.*

* The viral testing (protocol ϕ 174 bacteriophage, 0.027 μ m) indicates Intersurgical's high-efficiency range of filters and HMEFs are effective at this particle size. These filters and HMEFs would be applicable to the sizes posed by the Coronavirus (0.060 - 0.140 μ m). Based on current research, these are applicable strain/spore sizes.



For further information on the product range and to find the right choice for your clinical environment please visit:
us.intersurgical.com/info/filtrationandhumidification

800-828-9633
www.intersurgical.com
support@intersurgicalinc.com



Quality, innovation and choice

BLOOD MANAGEMENT

49

HAEMONETICS CORPORATION

TEG® 6s HEMOSTASIS ANALYZER SYSTEM



125 Summer Street, Boston, MA 02110
 800-537-2802
customerservicen@haemonetics.com
teg.haemonetics.com

TEG® 6s hemostasis analyzer systems deliver fast, accurate information where and when you need it, so you can respond with confidence and optimize patient outcomes. The small TEG 6s analyzer with easy-to-use cartridges is designed for busy hospital settings. Its software allows secure results viewing anywhere within the hospital network and simplifies/standardizes test interpretation. Learn why more hospitals choose TEG analyzer systems.

HAEMONETICS®

BLOOD MANAGEMENT

50

HEMOSONICS

QUANTRA® HEMOSTASIS ANALYZER



400 Preston Avenue #250, Charlottesville, VA 22903
 800-280-5589
contact@hemosonics.com
hemosonics.com

Quantra Hemostasis Analyzer and QPlus® Cartridge are part of the Quantra QPlus System—a safe, closed-cartridge viscoelastic assay that provides rapid and actionable information on the coagulation status of perioperative patients at the point of care. With hands-on time less than 1 minute and no open-tube blood manipulation after collection, the Quantra uses medical-grade ultrasound to provide reliable results in 15 minutes or less.



BREATHING CIRCUITS & MASKS

51

AMBU INC.

KING FLEX2

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
 800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The King Flex2 coaxial single-limb anesthesia breathing circuit incorporates all of the best features of King Systems' other breathing circuits into one innovative product. It is also flexible so it can expand, compress and hold its shape to accommodate the widest range of clinical applications, from the OR through transport to either the PACU or critical care unit.



BREATHING CIRCUITS & MASKS

52

AMBU INC.

KING MASK

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
 800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

King Systems redefined the anesthesia face mask market when it introduced its original King Mask, "Big Blue"—an inflatable, latex-free and scent-free face mask—in 1985. Over the past 25 years, Ambu-acquired King Systems has set the industry standard with this innovative breathing face mask. It offers many unique features, including comfort for the patient and safety for the practitioner.



BREATHING CIRCUITS & MASKS

53

DRÄGER

ANESTHESIA CIRCUIT KITS

See ad on p. 20



3135 Quarry Road, Telford, PA 18969
800-437-2437
info.usa@draeger.com
draeger.com

Dräger's Anesthesia Circuit Kits offer exceptional value by combining our high-quality anesthesia consumables into one complete solution. Preconfigured kit with key components and preassembled—making them out-of-bag ready for your anesthesia device. A clutter-free workspace helps you focus on your patient and prepare for the next case with less effort.



MONITORING SYSTEMS & DEVICES

57

BLINK DEVICE COMPANY

TWITCHVIEW QUANTITATIVE TRAIN-OF-FOUR MONITOR



1530 Westlake Avenue North #600, Seattle, WA 98109
206-708-6043
contact@blinkdc.com
blinkdc.com/twitchview

TwitchView provides reliable and simple quantitative train-of-four monitoring, even when patient's arms are tucked. Setup takes seconds and continuous monitoring starts with the press of a button. Real-time and trended displays offer a new, patient-specific perspective on pharmacodynamics. With these data, drug dosing can be optimized, unnecessary drug expenditure can be eliminated, and patient safety goals can finally be achieved.



BREATHING CIRCUITS & MASKS

54

MEDIPLUS LTD

CAPNOMASK™



The Gateway Centre, Coronation Road, High Wycombe, Buckinghamshire, UK HP12 3SU
+44 (0) 1494 551200
marketing@mediplus.co.uk
mediplus.co.uk

A dedicated medium concentration mask for accurate detection of end-tidal CO₂. Fully integrated 10-foot oxygen and CO₂ lines. Ergonomically molded in soft, high-quality polyvinyl chloride for patient comfort. Impregnated with a subtle vanilla scent to help with anxiety and postoperative

nausea. Available in adult, pediatric and ophthalmic sizes. Innovation for patient care.



MONITORING SYSTEMS & DEVICES

58

DRÄGER

INFINITY® OMEGA-S

See ad on p. 20



3135 Quarry Road, Telford, PA 18969
800-437-2437
info.usa@draeger.com
draeger.com

Designed for monitoring at the point of care, Infinity Omega-S features an Infinity Kappa patient monitor with a 20-inch-wide Infinity C700 for IT workstation display. The touch screen feature allows you to quickly gain fingertip access to critical patient information. Combined with a Dräger anesthesia workstation, Infinity Omega-S integrates live anesthesia device data with patient data management and clinical applications to support on-the-spot decision making.



CARTS

55

ARMSTRONG MEDICAL INDUSTRIES, INC.

ALUMINUM WIRELESS AUTO-LOCKING CART



575 Knightsbridge Parkway, Lincolnshire, IL 60069
800-323-4220
csr@armstrongmedical.com
armstrongmedical.com

The Aluminum Wireless Auto-Locking Cart features keyless entry, an LCD display (shows date, time of day, current battery life, and programmable menu-driven display system that prompts you to each additional command), integrated 802.11g/802.11n wireless capabilities with a wireless antenna, up to 5,000 user codes, a supervisor code for programming, and manual or automatic locking. Optional card readers and software are available.



MONITORING SYSTEMS & DEVICES

59

EDWARDS LIFESCIENCES

ACUMEN ANALYTICS SOFTWARE

See ad on p. 19



One Edwards Way, Irvine, CA 92614
800-424-3278
criticalcare_us@edwards.com
edwards.com/hpisoftware

Acumen Analytics software offers retrospective data analysis and hemodynamic insights into patient perfusion. This software provides statistics on hypotensive calculations such as average number of hypotensive events, duration of each event and time-weighted average of hypotension for each patient.



INFORMATION MANAGEMENT SYSTEMS

56

DRÄGER

INNOVIAN® ANESTHESIA

See ad on p. 20



3135 Quarry Road, Telford, PA 18969
800-437-2437
info.usa@draeger.com
draeger.com

Innovian Anesthesia, Dräger's anesthesia information management system, helps caregivers achieve documentation compliance, streamline workflow and improve financial performance. Powerful, actionable insight from its detailed business intelligence reports helps to improve outcomes, allocate resources efficiently and much more.



MONITORING SYSTEMS & DEVICES

60

EDWARDS LIFESCIENCES

ACUMEN HYPOTENSION PREDICTION INDEX SOFTWARE

See ad on p. 19



One Edwards Way, Irvine, CA 92614
800-424-3278
criticalcare_us@edwards.com
edwards.com/hpisoftware

Acumen Hypotension Prediction Index software detects whether your patient is trending toward a hypotensive event (defined as mean arterial pressure [MAP] <65 mm Hg for a duration of at least one minute) before the event occurs and provides insights to inform a potential course of action.



MONITORING SYSTEMS & DEVICES

61

EDWARDS LIFESCIENCES

ACUMEN IQ SENSOR

See ad on p. 19



One Edwards Way, Irvine, CA 92614
800-424-3278
criticalcare_us@edwards.com
edwards.com/hpisoftware

The minimally invasive Acumen IQ sensor connects to any existing radial arterial line and unlocks the Acumen Hypotension Prediction Index software. This first-of-its-kind technology detects whether your patient is trending toward a hypotensive event (defined as MAP <65 mm Hg for a duration of at least one minute).



MONITORING SYSTEMS & DEVICES

64

EDWARDS LIFESCIENCES

FORESIGHT ELITE TISSUE OXIMETRY SYSTEM

See ad on p. 19



One Edwards Way, Irvine, CA 92614
800-424-3278
criticalcare_us@edwards.com
edwards.com/tissueoximetry

The ForeSight Elite tissue oximetry system continuously monitors oxygen saturation noninvasively. The ForeSight Elite system is now available on the HemoSphere advanced monitoring platform, giving you a comprehensive view of tissue oximetry and advanced hemodynamics on one monitor so you can ensure your patient is adequately perfused.



MONITORING SYSTEMS & DEVICES

62

EDWARDS LIFESCIENCES

CLEARsIGHT SYSTEM

See ad on p. 19



One Edwards Way, Irvine, CA 92614
800-424-3278
criticalcare_us@edwards.com
edwards.com/clearsight

The noninvasive ClearSight System provides valuable hemodynamic insight into an expanded patient population, enabling you to make more informed decisions about volume administration in moderate- to high-risk surgery. Parameters provided noninvasively include stroke volume, stroke volume variation, cardiac output and continuous blood pressure.



MONITORING SYSTEMS & DEVICES

65

EDWARDS LIFESCIENCES

HEMOSPHERE ADVANCED MONITORING PLATFORM

See ad on p. 19



One Edwards Way, Irvine, CA 92614
800-424-3278
criticalcare_us@edwards.com
edwards.com/devices/hemodynamic-monitoring/hemosphere

HemoSphere advanced monitoring platform provides a comprehensive view of tissue oximetry and hemodynamics. HemoSphere platform offers compatibility with ForeSight Elite tissue oximetry sensor, Acumen Hypotension Prediction Index software with Acumen IQ sensor, FloTrac sensor, Swan-Ganz pulmonary artery catheter, Edwards oximetry central venous catheter and PediaSat oximetry catheter.



MONITORING SYSTEMS & DEVICES

63

EDWARDS LIFESCIENCES

FLOTRAC SENSOR

See ad on p. 19



One Edwards Way, Irvine, CA 92614
800-424-3278
criticalcare_us@edwards.com
edwards.com/flotrac

The FloTrac sensor provides advanced hemodynamic parameters to help guide volume administration in your moderate- to high-risk surgery patients. Less invasive, the FloTrac sensor attaches to an existing arterial

catheter and automatically calculates key flow parameters, such as continuous cardiac output, stroke volume, stroke volume variation and systemic vascular resistance.



MONITORING SYSTEMS & DEVICES

66

EDWARDS LIFESCIENCES

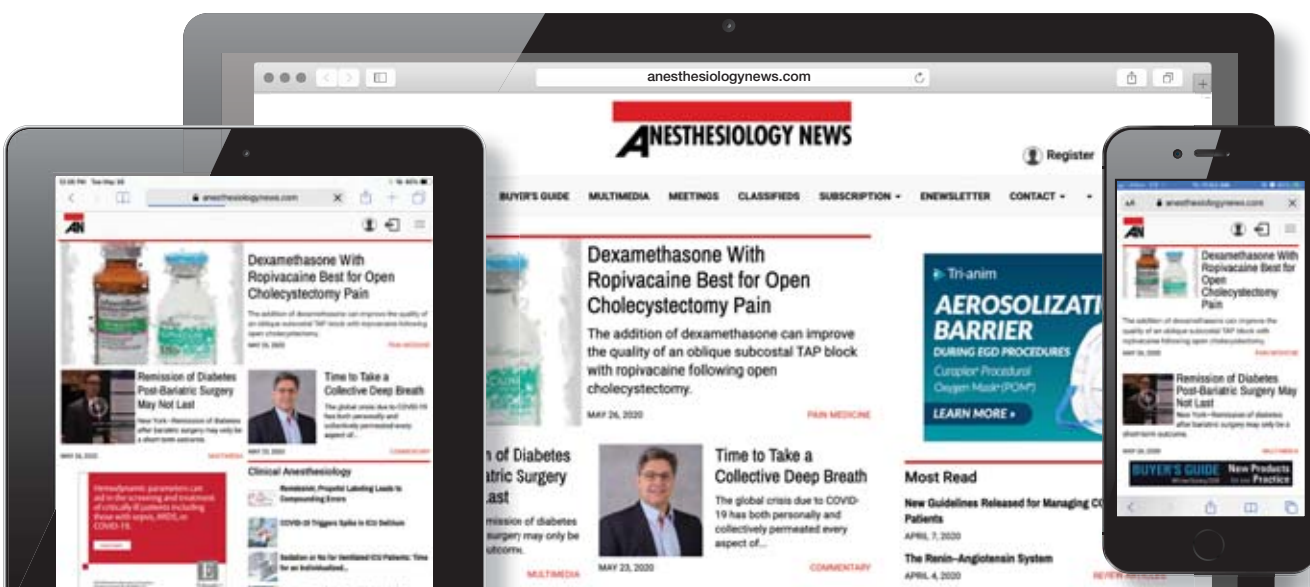
SWAN-GANZ PULMONARY ARTERY CATHETER

See ad on p. 19



One Edwards Way, Irvine, CA 92614
800-424-3278
criticalcare_us@edwards.com
edwards.com/swan

Swan-Ganz pulmonary artery catheters offer a comprehensive hemodynamic profile delivered in a single device to guide your treatment strategy. Continuously assess flow, pressure and the global indicator of oxygen saturation for a comprehensive view of cardiovascular function in your critically complex patients, including cardiac surgery patients.



Complete archives.
Online-first content.
Multimedia.
Buyer's Guides, and more ...

MONITORING SYSTEMS & DEVICES

67

EDWARDS LIFESCIENCES

TRUWAVE PRESSURE TRANSDUCER AND VAMP CLOSED BLOOD SAMPLING SYSTEM

See ad on p. 19



One Edwards Way, Irvine, CA 92614
800-424-3278
criticalcare_us@edwards.com
edwards.com/truwave

Accurate and safe solutions for pressure monitoring and blood sampling, the TruWave pressure transducer and VAMP closed blood sampling system may be used independently or combined for a precise and reliable system.



MONITORING SYSTEMS & DEVICES

71

MINDRAY

BENEVISION N1 MONITOR/MODULE

See ad on p. 8



800 MacArthur Boulevard, Mahwah, NJ 07430
800-288-2121
customerservice@mindray.com
mindraynorthamerica.com

The BeneVision N1 is a multiparameter module for N-Series monitors, transport and bedside monitor—all in one. N1's feature set includes 3/5/12-lead ECG with ST segment and arrhythmia analysis, noninvasive blood pressure (NIBP), dual invasive blood pressure (IBP), oxygen saturation (SpO₂), respiration, temperature and optional end-tidal carbon dioxide (EtCO₂). N1 is lightweight (2.0 lb), versatile and maintains continuity of patient information, speeding workflow from bedside to transport and beyond.



MONITORING SYSTEMS & DEVICES

68

GE HEALTHCARE

B125 PATIENT MONITOR



3030 Ohmeda Drive, Madison, WI 53718
866-281-7545
david.henry@ge.com
gehealthcare.com

GE Healthcare's B105 and B125 patient monitors deliver clinical performance you can trust. They are simple and intuitive for busy caregivers, flexible for diverse care areas and acuity needs,

and reliable for challenging work environments. These advanced B1X5 patient monitors are equipped with parameter technologies and dependable features that empower you to monitor your patients with greater confidence.



MONITORING SYSTEMS & DEVICES

72

MINDRAY

BENEVISION N12/N15/N17 PATIENT MONITORS

See ad on p. 8



800 MacArthur Boulevard, Mahwah, NJ 07430
800-288-2121
customerservice@mindray.com
mindraynorthamerica.com

The N-Series is a monitoring platform targeted to mid-to-high-acuity clinical environments. Choose from a 12-, 15- or 17-inch multigesture touch screen display, optional multigas module with MAC measurements, neuromuscular transmission and brain regional oxygen saturation

(rSO₂). The N-Series is optimal in an OR setting. Use the N1 as both the multiparameter module and the transport monitor, providing a smooth, seamless transport with no interruption in patient monitoring.



MONITORING SYSTEMS & DEVICES

69

GE HEALTHCARE

CARESCAPE MONITORS



3030 Ohmeda Drive, Madison, WI 53718
866-281-7545
david.henry@ge.com
gehealthcare.com

GE Healthcare's clinically advanced and highly configurable CARESCAPE Monitor helps you stay a step ahead with clinical tools that meet even the highest acuity patient needs. Designed with clinicians, for clinicians, it's an easy-to-use system that fits how you work and handle patient data, offering flexibility, scalability and exceptional customization. Get the monitoring tools you need today, on a platform that's designed for the future.



MONITORING SYSTEMS & DEVICES

73

MINDRAY

BENEVISION N19/N22 PATIENT MONITORS

See ad on p. 8



800 MacArthur Boulevard, Mahwah, NJ 07430
800-288-2121
customerservice@mindray.com
mindraynorthamerica.com

The N19 and N22 monitors are designed with an unprecedented level of customization and advanced capabilities, perfectly suited for use across the entire perioperative space. Options such as cardiopulmonary bypass mode, neuromuscular transmission, rSO₂ and OR-specific user configurations make these monitors a preferred solution for both anesthesiologist and surgical staff.



MONITORING SYSTEMS & DEVICES

70

IDMED - BLUESTAR INT'L ENTERPRISES, INC.

TOFSCAN TRAIN-OF-FOUR MONITOR



1777 Northeast Loop 410, Suite 602, San Antonio, TX 78217
210-820-2644
contact@tofscan.com
tofscan.com

ToFscan is the latest quantitative train-of-four monitor. Its silicon splint integrates a 3D sensor and measurements are optimized, which makes the device free of calibration. ToFscan is intuitive and easy to navigate with one wheel button. ToFscan is user-friendly and provides reliable measurements for neuromuscular transmission.



MONITORING SYSTEMS & DEVICES

74

MINDRAY

PASSPORT 8/12 PATIENT MONITORS

See ad on p. 8



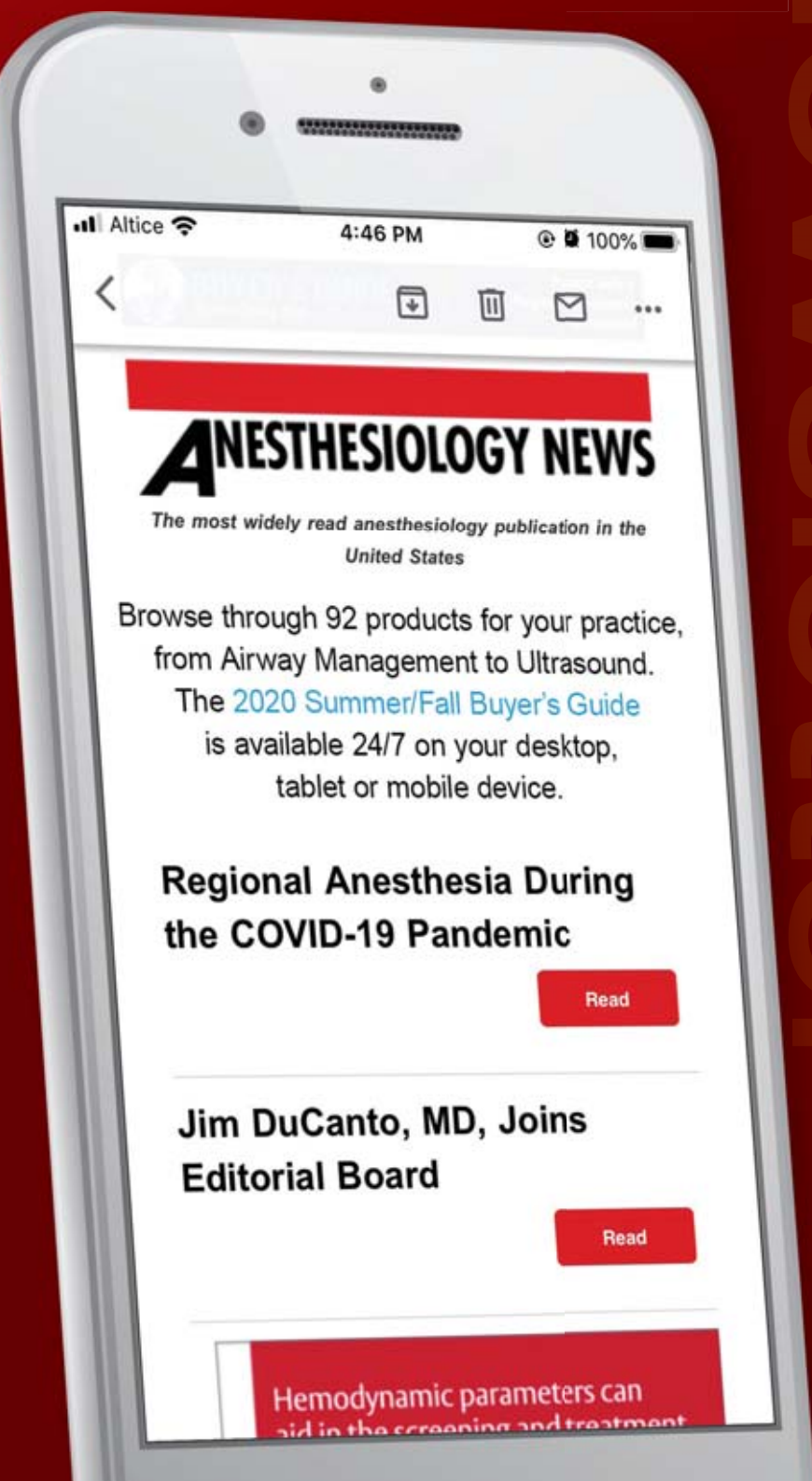
800 MacArthur Boulevard, Mahwah, NJ 07430
800-288-2121
customerservice@mindray.com
mindraynorthamerica.com

The Passport 8 and 12 monitors have touch screen capability, 3/5-lead ECG, SpO₂, 2 IBP (Passport 12 only), NIBP, respiration and temperature—all standard. Module options offer the ability to add EtCO₂, IBP and carbon monoxide, or a combination of all three. In addition, the Passport 12 offers a multigas module that measures oxygen, CO₂, nitrous oxide and five anesthetic agents.



Sign up @ AnesthesiologyNews.com/eNews

Get the latest news from the most widely read anesthesiology publication in the United States, including multimedia and online-first content, delivered directly to your inbox!



MONITORING SYSTEMS & DEVICES

75

SENZIME INC

See ad on p. 1

TETRAGRAPH



649 Fifth Avenue South, Suite 205, Naples, FL 34102
239-920-4288, ext. 205
info.us@senzime.com
senzime.com

Do you need to increase patient flow in the OR? TetraGraph is an easy-to-use, quantitative, gold-standard electromyography monitor for accurate train-of-four measurement. It can assist with optimizing drug dosing and indicate when it is safe to extubate the patient. The arm can be tucked and used in all types of surgeries including cardiac, neuro, laparoscopic, robotic and bariatric surgeries. Data management and Philips connectivity capable.



PAIN MANAGEMENT

76

AMBU INC.

See ad on p. 6

AMBU® ACTION™ BLOCK PAIN PUMP



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The ACTION™ Block Pain Pump provides a continuous, stable delivery of local anesthetic solution to the nerve block catheter and enables the anesthesiologist to tailor the infusion strategy to best match each individual patient's unique pain needs throughout the course of treatment.



PAIN MANAGEMENT

77

B. BRAUN MEDICAL INC.

XPERIUS® ULTRASOUND SYSTEM AND ULTRA 360® NEEDLES



824 12th Avenue, Bethlehem, PA 18018
800-227-2862
inquiry.us@bbraunusa.com
xperius-bbraun.com

B. Braun and Philips are reimagining regional anesthesia with the Xperius Ultrasound System. Xperius' touch screen is designed to provide intuitive touch and gesture control for depth gain, and it offers an optimal viewing position with the articulating arm. B. Braun's Ultra 360 needles are designed for ultrasound visualization and tip identification with a new

X-Pattern. The needles have visibility from all sides with 360-degree markings for ultrasound.



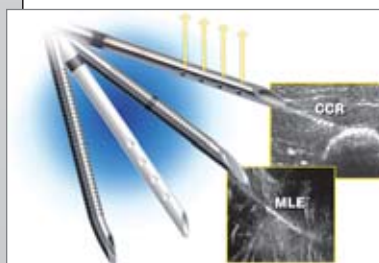
PAIN MANAGEMENT

78

HAVEL'S, INC.

See ad on p. 10

ULTRASOUND NEEDLES FOR NERVE BLOCKS & PAIN INJECTIONS



3726 Lonsdale Street, Cincinnati, OH 45227
800-638-4770
jbarrett@havel.com
havel.com

See the needle, see the target and improve your success rate. Our focus on the tip reduces manufacturing costs and allows you to see the exact location of the needle's tip. No other needle is as accurate and affordable.



PATIENT POSITIONING

79

VM POSITIONING, INC.

VOSS PRONE POSITIONER



4235 Center Gate Street, San Antonio, TX 78217
800-247-6294
info@vossmedicalproducts.com
vossmedicalproducts.com

The Voss Prone Positioner™ provides clearance for the eyes, nose and mouth while evenly distributing the weight over the rest of the positioner. Features also include a v-channel for the endotracheal tube and easy access to confirm clearance and massage contact points to maintain blood flow. VM Positioning, Inc. is a woman-owned small business, certified by the Women's Business Enterprise National Council.



REGIONAL ANESTHESIA

83

B. BRAUN MEDICAL INC.

STIMUPLEX® ULTRA 360® NEEDLES



824 12th Avenue, Bethlehem, PA 18018
800-227-2862
inquiry.us@bbraunusa.com
bbraunusa.com/su360

Stimuplex® Ultra 360® needles feature B. Braun's new echogenic 360-degree X-pattern. The unique "X" shape, combined with a clear coating, reflects more ultrasound waves back to the probe than previous designs. These needles are designed to provide visibility without compromising puncture characteristics.

1. Internal testing: ETRs JMLY-8ADPRZ, NPAK-9VRK2K



PATIENT SAFETY

80

BELL MEDICAL

EYEPRO AND NOPRESS EYE PROTECTION



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600 or 800-875-Bell (2355)
customerservice@bellmedical.com
bellmedical.com

Stop costly eye injuries! Save your patients' eyelashes! EyePro and NoPress are designed to reduce costly eye injuries and improve patient satisfaction scores. EyePro is a sterile dressing that uses dual-zone adhesive to seal the eye area but not harm eyelids and eyelashes upon removal. NoPress shields the eyes from external forces that might harm the eyes. Call for free samples of both the EyePro and NoPress eye shield!



REGIONAL ANESTHESIA

84

BELL MEDICAL INC

TEREBOOT



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600 or 800-875-Bell (2355)
customerservice@bellmedical.com
bellmedical.com

Nerve blocks made easier! The Tereboot is a portable and adjustable lower extremity positioning device that you place directly onto your patient's bed for supine-positioned, ultrasound-guided popliteal fossa blocks, iPACK, adductor canal, saphenous and ankle blocks. Nerve blocks will be easier, safer, and faster with no pillows or blankets needed. All metal with 5-year full warranty!



PATIENT SAFETY

81

MEDI-DOSE/EPS, INC.

NEUROMUSCULAR BLOCKING AGENT WARNING LABELS



70 Industrial Drive, Ivyland, PA 18974
800-523-8966
contactus@medidose.com
medidose.com/nbaw

Medi-Dose has created a series of Neuromuscular Blocking Agent Warning Labels available in preprinted sheets. Additionally, the same images are available for customers who use our MILT software at medidose.com/nbaw so they can easily add the warning to their unit-dose packaging and labeling.



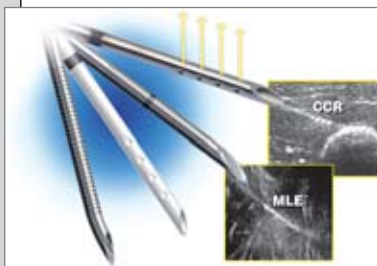
REGIONAL ANESTHESIA

85

HAVEL'S, INC.

ULTRASOUND NEEDLES FOR NERVE BLOCKS & PAIN INJECTIONS

See ad on p. 10



3726 Lonsdale Street, Cincinnati, OH 45227
800-638-4770
jbarrett@havels.com
havels.com

See the needle, see the target and improve your success rate. Our focus on the tip reduces manufacturing costs and allows you to see the exact location of the needle's tip. No other needle is as accurate and affordable.



REGIONAL ANESTHESIA

82

AMBU INC.

AMBU® ACTION™ BLOCK PAIN PUMP

See ad on p. 6



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
800-262-8462
purchase_orders@ambuusa.com
ambuusa.com

The ACTION™ Block Pain Pump provides a continuous, stable delivery of local anesthetic solution to the nerve block catheter and enables the anesthesiologist to tailor the infusion strategy to best match each individual patient's unique pain needs throughout the course of treatment.



REGIONAL ANESTHESIA

86

MEDOVATE LIMITED

SAFIRA™



The Workplace, Camboro Business Park, Girton, Cambridge, Cambridgeshire, UK CB3 0QH
+44 (0)1223 901991
enquiries@medovate.co.uk
medovate.co.uk

SAFIRA™—revolutionary technology for safer injection during regional anesthesia. Transforms regional anesthesia into a one-person procedure. Anesthesiologists have full control to perform procedure. Built-in system helps limit the

injection pressure so it does not exceed 20 psi. SAFIRA™ helps reduce the risk of nerve damage, improving patient safety. SAFIRA™ saves 5 minutes per procedure, saving both time and money.



ULTRASOUND

87

B. BRAUN MEDICAL INC.

XPERIUS® ULTRASOUND SYSTEM

824 12th Avenue, Bethlehem, PA 18018
800-227-2862
inquiry.us@bbraunusa.com
xperius-bbraun.com

B. Braun and Philips are reimaging regional anesthesia with the Xperius Ultrasound System. Xperius' touch screen is designed to provide intuitive touch and gesture control for depth gain, and it offers an optimal viewing position with the articulating arm.



ULTRASOUND

90

MINDRAY

TE7 ULTRASOUND SYSTEM

2100 Gold Street, San Jose, CA 95002
800-288-2121
customerservice@mindray.com
mindraynorthamerica.com

The TE7 Ultrasound System is designed to provide superior image quality for rapid, confident procedures at the bedside. Intuitive touch screen controls and exam presets minimize the learning curve and eliminate the need to navigate a knob-cluttered keyboard. A rich suite of needle visualization technologies and one-touch image optimization help to reduce exam times and improve patient safety.



See ad on p. 8

ULTRASOUND

88

GE HEALTHCARE

VENUE GO

9900 Innovation Drive, Wauwatosa, WI 53226
866-281-7545
gehealthcare.com/venuego

Simplify assessments and deliver effective care with the Venue Go™ ultrasound system. From procedure guidance to perioperative care, Venue Go offers an innovative, adaptable platform, crisp images with minimal adjustment, and a wide array of artificial intelligence-backed auto tools. Plus, Venue Go features a uniquely adaptable design that goes from cart to table to wall. Right when it matters. Right where it counts.



ULTRASOUND

91

TERASON

USMART 3200T AND 3200T PLUS PORTABLE ULTRASOUND SYSTEMS

77-79 Terrace Hall Avenue, Burlington, MA 01803
781-270-4143
info@terason.com
terason.com

3200T NexGen and 3200T Plus portable ultrasound systems with their intuitive interface, unparalleled image clarity and open architecture are changing the way health care providers practice medicine. The 3200T Plus with its 15.7-inch screen and built on our proprietary SuperHarmonic™ engine platform uses our exclusive



signal processing chips to produce crystal-clear images with high tonality and contrast.



ULTRASOUND

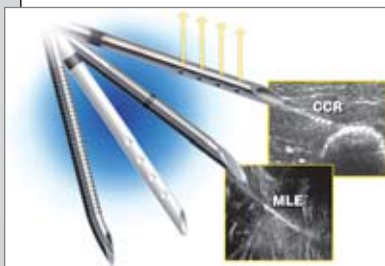
89

HAVEL'S, INC.

ULTRASOUND NEEDLES FOR NERVE BLOCKS & PAIN INJECTIONS

3726 Lonsdale Street, Cincinnati, OH 45227
800-638-4770
jbarrett@havel's.com
havel's.com

See the needle, see the target and improve your success rate. Our focus on the tip reduces manufacturing costs and allows you to see the exact location of the needle's tip. No other needle is as accurate and affordable.



See ad on p. 10

ULTRASOUND

92

TERASON

USMART 3300 NEXGEN ULTRASOUND SYSTEM

77-79 Terrace Hall Avenue, Burlington, MA 01803
781-270-4143
info@terason.com
terason.com

With the 3300 NexGen, part of the Terason uSmart® ultrasound products, you can easily identify nerves, minimize risk associated with cannulation and eliminate unsuccessful attempts. Our SuperHarmonic™ Imaging enhances diagnostic confidence and provides for better patient care while the Enhanced Needle Visualization, a second-generation technology, provides better needle guidance at steeper angles.



Cover Photo Acknowledgments

Anesthesiology News is proud to acknowledge its readers who have been fighting tirelessly on the front lines of the coronavirus pandemic by including a few selected photos from some of them on the front cover.

Thank you to all who submitted photos, and to the many thousands of health care workers continuing to work in these most challenging of times for our specialty and the larger health care community.



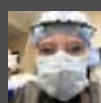
Altin Cuci, MD,
Salus Surgical Hospital Medical Center,
Tirana, Albania



Marc Sherwin, MD, and colleagues
Mount Sinai Hospital,
New York City



Jeans Santana, MD, and colleagues
SUNY Downstate Medical Center,
Brooklyn, NY



Jolie Bailey, MD,
Dallas Anesthesiology Associates,
Dallas, TX



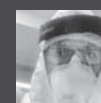
Natalie Holt, MD,
Great Plains Area Indian Health Service,
Aberdeen, SD



Ronald George, MD,
University of California, San Francisco



Rammurthy Kulkarni, MD,
People Tree Hospital,
Bengaluru, India



Simon Ash, MD,
Western Health, Stephenville,
Newfoundland and Labrador, Canada

50 years

of advancing
hemodynamics,
together.

Thank you for inspiring us.

Working with Drs. Jeremy Swan and William Ganz to introduce the first Swan-Ganz catheter in 1970 demonstrated the power of clinical collaboration. Today, our clinical partners continue to inspire our passion and drive for clinical education and smart innovation that enable proactive decision support.

CAUTION: Federal (United States) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions, and adverse events.

Edwards, Edwards Lifesciences, the stylized E logo, Acumen, Acumen Analytics, ClearSight, EV1000, FloTrac, ForeSight, ForeSight Elite, HemoSphere, HPI, Swan-Ganz, TruClip, VAMP and VAMP Plus are trademarks of Edwards Lifesciences Corporation or its affiliates. All other trademarks are property of their respective owners.

© 2020 Edwards Lifesciences Corporation. All rights reserved. PP--US-4829 v1.0

Edwards Lifesciences • One Edwards Way, Irvine CA 92614 USA • edwards.com



Protecting the lung when it matters **the most**



D-36741-2015

Lung Protective Ventilation in the operating room with Dräger

Improving patient outcomes while reducing costs is critical in today's healthcare environment. As a global leader in ventilation technology, Dräger is committed to helping you directly address these challenges. With Dräger's newest content hub, you can easily stay abreast of current discussions on lung protective ventilation and how Dräger anesthesia solutions support high-quality, efficient patient care.

[VISIT WWW.DRAEGER.COM/LUNGS](http://WWW.DRAEGER.COM/LUNGS) TO DISCOVER THE POSSIBILITIES