

18th Annual

BUYER'S GUIDE

Winter/Spring 2021

Supplement to

ANESTHESIOLOGY NEWS

AnesthesiologyNews.com/BuyersGuide 

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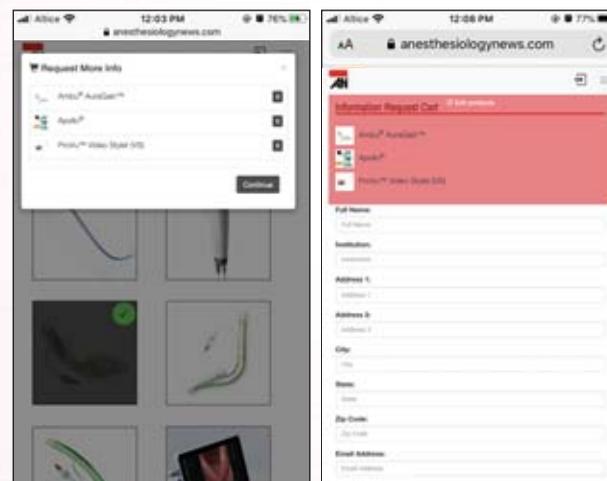
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The Ambu AuraGain is an anatomically curved laryngeal mask with gastric access and intubation capability. The integrated gastric access channel assists with managing gastric content. When a difficult airway situation occurs, the AuraGain and any endotracheal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

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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.

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AIRWAY MANAGEMENT

1

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

5

AMBU INC.

AMBU® AURAONCE™



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
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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

2

AIRWAY MANAGEMENT ENTERPRISES, LLC

RAPID POSITIONING INTUBATION STYLET/RPIS



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

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AMBU INC.

AMBU® AURASTRAIGHT™



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
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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

3

AMBU INC.

AMBU® aSCOPE™ 4 BRONCHO



6230 Old Dobbin Lane, Suite 250, Columbia, MD 21045
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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

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AMBU INC.

AMBU® aVIEW 2 ADVANCED



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

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AMBU® AURAGAIN™



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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

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AMBU INC.

AMBU® FUJI UNIBLOCKER™



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



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

BELL MEDICAL

BITE ME AIR CUSHIONED PERIOPERATIVE BITE BLOCK



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600
customerservice@bellmedical.com
bellmedical.com

Stop MacGyvering! BiteMe is an airfilled soft plastic bite block designed to prevent dental trauma and protect a patient's endotracheal tube or laryngeal mask during general anesthesia.

Tapered distal end allows easy placement. Concave side allows easy taping of airway devices. Depth markings, blue color and smooth finish makes it easy to insert and remove. Individually wrapped clean. Contact us for free samples.



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AMBU INC.

KING VISION® aBLADE™ VIDEO LARYNGOSCOPE



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

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BELL MEDICAL

INSIGHT VIDEO AIRWAY MANAGEMENT SYSTEM



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600
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

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AMBU INC.

VIVASIGHT-DL DOUBLE-LUMEN TUBE WITH INTEGRATED CAMERA



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.

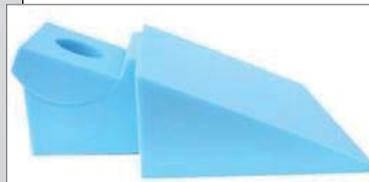


AIRWAY MANAGEMENT

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BELL MEDICAL

PI BARIATRIC PATIENT POSITIONING PILLOW



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600
customerservice@bellmedical.com
bellmedical.com

Pi Bariatric Positioning Pillow and Ramp naturally positions patient's airway making laryngeal inlet easily visible aiding in first pass intubations. Pi Pillow has a unique removable head rest allowing

for ideal intubation positioning. Pi Pillows reduce laryngoscope force needed to lift a patient's head and neck making intubation safer and reducing the chance of damaging airway tissue. Contact us for free samples.



AIRWAY MANAGEMENT

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AMBU INC.

VIVASIGHT-SL SINGLE-LUMEN TUBE WITH INTEGRATED CAMERA



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™



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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®



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 fiber-optic 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

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INTERSURGICAL

I-VIEW™



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.

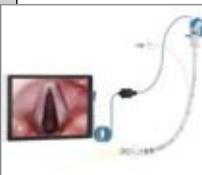


AIRWAY MANAGEMENT

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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

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KARL STORZ ENDOSCOPY-AMERICA, INC.

C-MAC® POCKET MONITOR

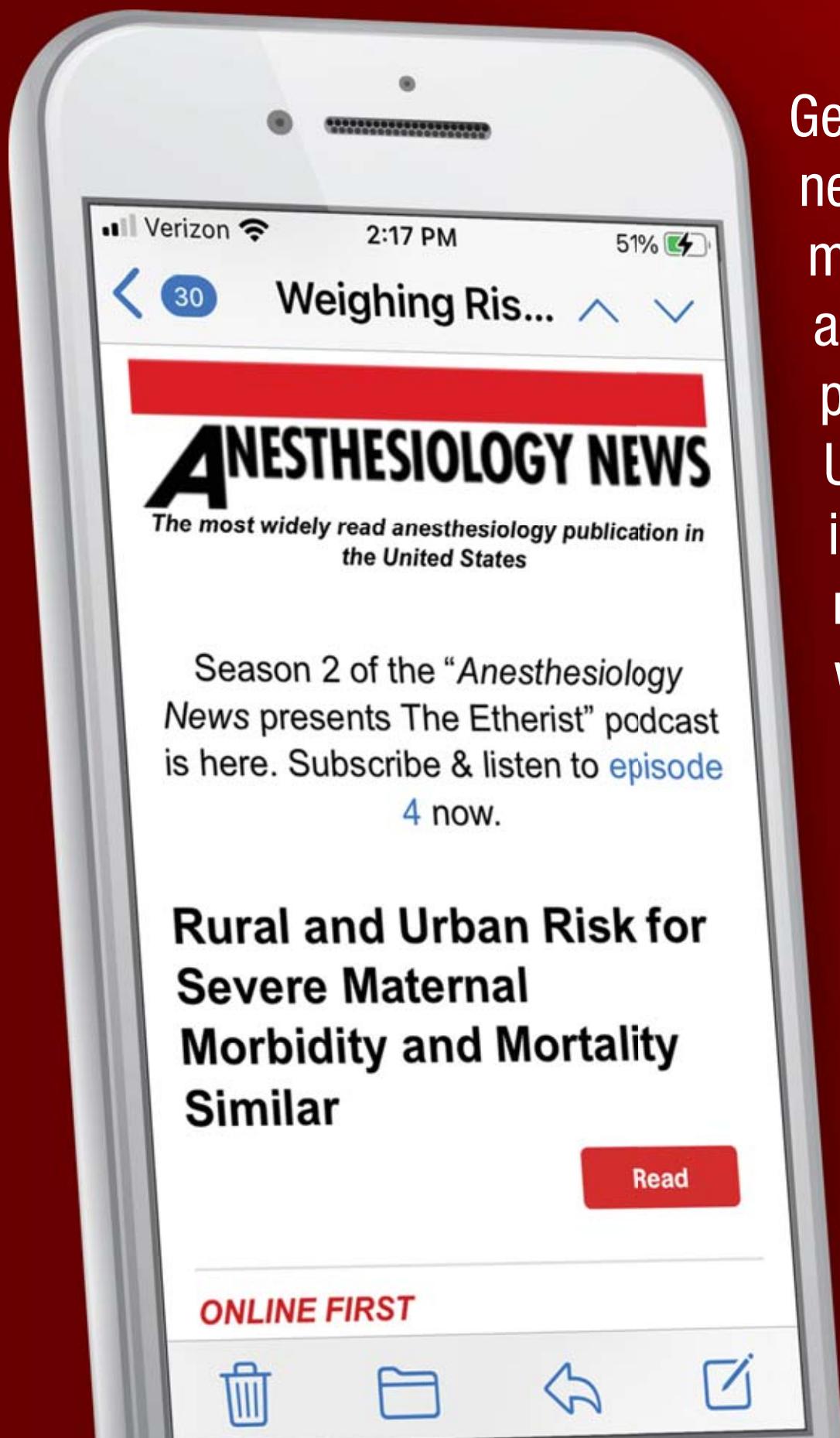


2151 East Grand Avenue, El Segundo, CA 90245
800-421-0837
communications@karlstorz.com
karlstorz.com

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.



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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

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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

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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 Richmond Soft BiteBlock®. With decreased risk of cross-contamination from hand-rolling and taping gauze, Soft BiteBlock® are individually packaged and FDA registered. By placing Soft BiteBlock® between a patient's molars, the airway device (ETT or LMA), teeth, and tongue are protected during emergence. Made in the USA from medical-grade, purified cotton, Richmond Soft BiteBlock® delivers consistent

compression performance and are readily available in three sizes. For more information or to request a sample, please visit bit.ly/SBBInfo.



AIRWAY MANAGEMENT

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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

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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.



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KARL STORZ ENDOSCOPY-AMERICA, INC.

SINGLE-USE FIVE S



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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 x 65 cm, 3.0 mm x 65 cm, and 3.0 mm x 52 cm.



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DRÄGER

APOLLO®



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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.



ANESTHESIA MACHINES

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DRÄGER

FABIUS® GS PREMIUM



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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.

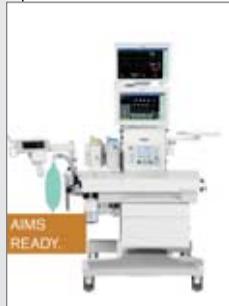


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DRÄGER

PERSEUS® A500



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

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DRÄGER

FABIUS® MRI



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

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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

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DRÄGER

FABIUS® TIRO



3135 Quarry Road, Telford, PA 18969
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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

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MINDRAY

A4 ADVANTAGE ANESTHESIA SYSTEM



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.



ANESTHESIA MACHINES

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DRÄGER

FABIUS® TIRO M



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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

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MINDRAY

A5 ADVANTAGE ANESTHESIA SYSTEM



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

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MINDRAY

A7 ADVANTAGE ANESTHESIA WORKSTATION



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800-288-2121
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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.



BLOOD MANAGEMENT

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BELL MEDICAL

QINFLOW WARRIOR BLOOD AND FLUID WARMER



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600
customerservice@bellmedical.com
bellmedical.com

Breakthrough technology for blood and fluid warming, Warrior uses microprocessor-controlled stainless steel tubing to ensure 38C output while instantly auto-adjusting to changes in flow rates (KVO to 290 mL/min). Warrior's assembly is fast, intuitive, and failsafe and 38C output is reached in seconds. The Warrior is perfect for the OR plus a battery option offering unique portability. Fight hypothermia with the Warrior.



ANESTHESIA MACHINES

42

MINDRAY

ANESTHETIC VAPORIZERS



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.



BLOOD MANAGEMENT

44

HAEMONETICS CORPORATION

TEG® 6s HEMOSTASIS ANALYZER SYSTEM



125 Summer Street, Boston, MA 02110
800-537-2802
customerservicena@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.



**Friends,
Don't Let Friends
Palpate Blindly.**

(LANDMARKS CAN BE TRICKY.)



GET REAL-TIME NEEDLE GUIDANCE DURING PARAMEDIAN NEURAXIAL ANESTHESIA.

NEW – Second Generation Accuro® with Thoracic Preset Features:

- 1 "Needle-track" indicator supporting real-time paramedian technique.
- 2 Real-time needle visualization.
- 3 Accuro Locator™ needle-guide with channels supporting real-time needle guidance.



BLOOD MANAGEMENT

45

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

49

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.



BREATHING CIRCUITS & MASKS

46

AMBU INC.

KING FLEX2



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.



CARTS

50

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.



BREATHING CIRCUITS & MASKS

47

AMBU INC.

KING MASK



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.



CARTS

51

BELL MEDICAL

METRO CARTS FOR ANESTHESIA



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600
customerservice@bellmedical.com
bellmedical.com

Metro Carts offer Microban antimicrobial protection technology infused in polymer carts that works 24/7 to inhibit the growth of microorganisms. Our non-metal polymer material eliminates rust and paint chips creating a longer lasting value. Metro polymer carts are lightweight and more durable than metal carts. Carts are ergonomically designed with total customization options including electronic security and Wi-Fi.



BREATHING CIRCUITS & MASKS

48

DRÄGER

ANESTHESIA CIRCUIT KITS



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.

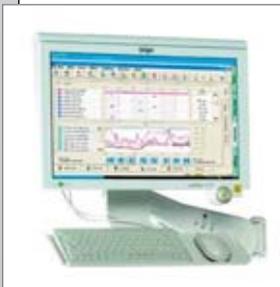


INFORMATION MANAGEMENT SYSTEMS

52

DRÄGER

INNOVIAN® ANESTHESIA



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

53

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.



MONITORING SYSTEMS & DEVICES

57

EDWARDS LIFESCIENCES

ACUMEN IQ SENSOR



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

54

DRÄGER

INFINITY® OMEGA-S



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.



MONITORING SYSTEMS & DEVICES

58

EDWARDS LIFESCIENCES

CLEARSIGHT SYSTEM



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

55

EDWARDS LIFESCIENCES

ACUMEN ANALYTICS SOFTWARE



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.



MONITORING SYSTEMS & DEVICES

59

EDWARDS LIFESCIENCES

FLOTRAC SENSOR



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

56

EDWARDS LIFESCIENCES

ACUMEN HYPOTENSION PREDICTION INDEX SOFTWARE



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

60

EDWARDS LIFESCIENCES

FORESIGHT ELITE TISSUE OXIMETRY SYSTEM



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

61

EDWARDS LIFESCIENCES

HEMOSPHERE ADVANCED MONITORING PLATFORM



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 hemodynamics and tissue oximetry, giving you confidence in knowing that your patient has continuous oxygen saturation and is adequately perfused. The only modular hemodynamic monitoring platform to offer full-range cuff, sensor, and catheter compatibility and first-of-its-kind hypotension predictive decision support software, HemoSphere advanced monitor enables proactive, individualized patient management.

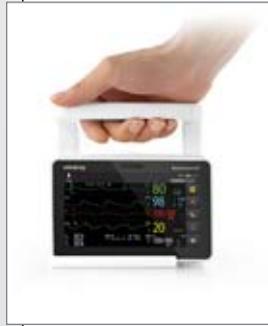


MONITORING SYSTEMS & DEVICES

65

MINDRAY

BENEVISION N1 MONITOR/MODULE



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

62

EDWARDS LIFESCIENCES

SWAN-GANZ PULMONARY ARTERY CATHETER



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.



MONITORING SYSTEMS & DEVICES

66

MINDRAY

BENEVISION N12/N15/N17 PATIENT MONITORS



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

63

EDWARDS LIFESCIENCES

TRUWAVE PRESSURE TRANSDUCER AND VAMP CLOSED BLOOD SAMPLING SYSTEM



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

67

MINDRAY

BENEVISION N19/N22 PATIENT MONITORS



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

64

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

68

MINDRAY

PASSPORT 8/12 PATIENT MONITORS



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.



MONITORING SYSTEMS & DEVICES

69

SENZIME INC

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.



PATIENT SAFETY

73

BELL MEDICAL

EYEPRO AND NOPRESS EYE PROTECTION



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600
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!



PAIN MANAGEMENT

70

AMBU INC.

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.



REGIONAL ANESTHESIA

74

BELL MEDICAL

TEREBOOT



1728 Macklind Avenue, St. Louis, MO 63110
314-772-5600
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!



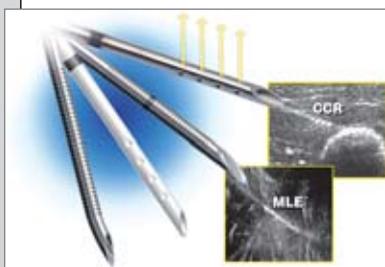
PAIN MANAGEMENT

71

HAVEL'S, INC.

ULTRASOUND NEEDLES FOR NERVE BLOCKS & PAIN INJECTIONS

See ad on p. 1



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.



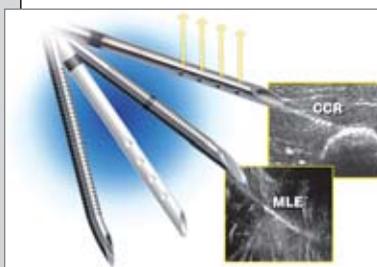
REGIONAL ANESTHESIA

75

HAVEL'S, INC.

ULTRASOUND NEEDLES FOR NERVE BLOCKS & PAIN INJECTIONS

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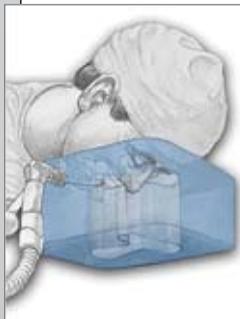


PATIENT POSITIONING

72

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

76

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.



TEMPERATURE MANAGEMENT

77

ENCOMPASS GROUP

NOVA



615 Macon Street, McDonough, GA 30253
800-284-4540
info@encompassgroup.net
encompassgroup.com

Encompass Group, LLC announces Nova™ Next-Generation Patient Warming. Nova warms patients without air movement, reducing infection risks associated with forced air. With no moving parts, the Nova system is silent, creating no additional noise in the OR. The Nova blanket is easy to apply and to keep on your patient. The controller unit is intuitive and simple to operate.



Nova banks a patient's heat before surgery and maintains normothermia throughout the surgical process.

ULTRASOUND

81

RIVANNA®

ACCURO® SPINAL NAVIGATION DEVICE

See ad on p. 9



107 East Water Street, Charlottesville, VA 22902
800-645-7508
accuro@rivannamedical.com
rivannamedical.com/trial-anes-news

Get real-time needle guidance during neuraxial anesthesia with Accuro's New thoracic preset featuring a "needle-track" indicator for paramedian technique with needle visualization. New Locator™ needle-guide has channels supporting real-time needle guidance. The lumbar preset provides automated landmark identification of midline, epidural space, and depth, making landmark identification easy with challenging patient anatomy.



ULTRASOUND

78

CLARIUS MOBILE HEALTH

CLARIUS HD HIGH DEFINITION LINEAR HANDHELD WIRELESS ULTRASOUND SCANNERS



130 - 2985 Virtual Way, Vancouver, BC V5M 4X7
(778) 800-9975
hello@clarius.com
clarius.com

With high-definition nerve and MSK imaging, Clarius HD is the ideal wireless ultrasound system for safe, accurate procedural guidance. It delivers the power and image quality of larger systems in an affordable device that fits in your pocket and works with iOS or Android. Superb resolution with real-time visualization of anatomy and your needle ensures accuracy while performing deeper injections.



ULTRASOUND

82

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.



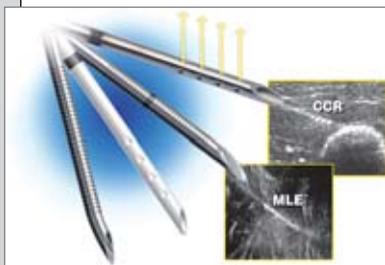
ULTRASOUND

79

HAVEL'S, INC.

ULTRASOUND NEEDLES FOR NERVE BLOCKS & PAIN INJECTIONS

See ad on p. 1



3726 Lonsdale Street, Cincinnati, OH 45227
800-638-4770
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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.



ULTRASOUND

83

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.



ULTRASOUND

80

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.

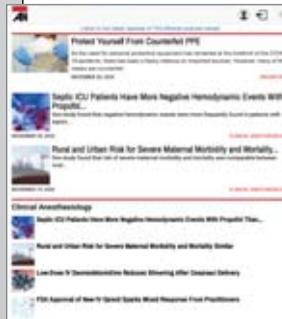


WEBSITE

84

ANESTHESIOLOGY NEWS

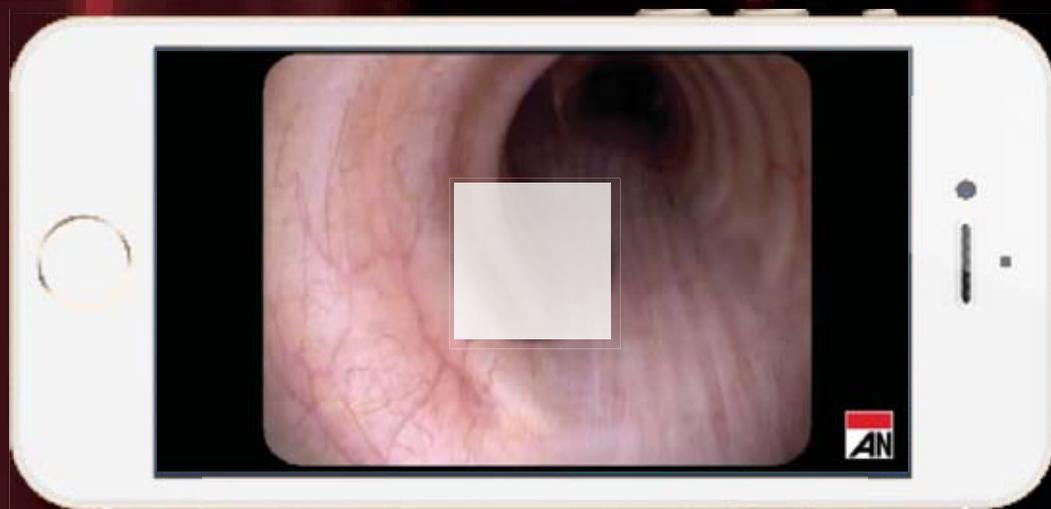
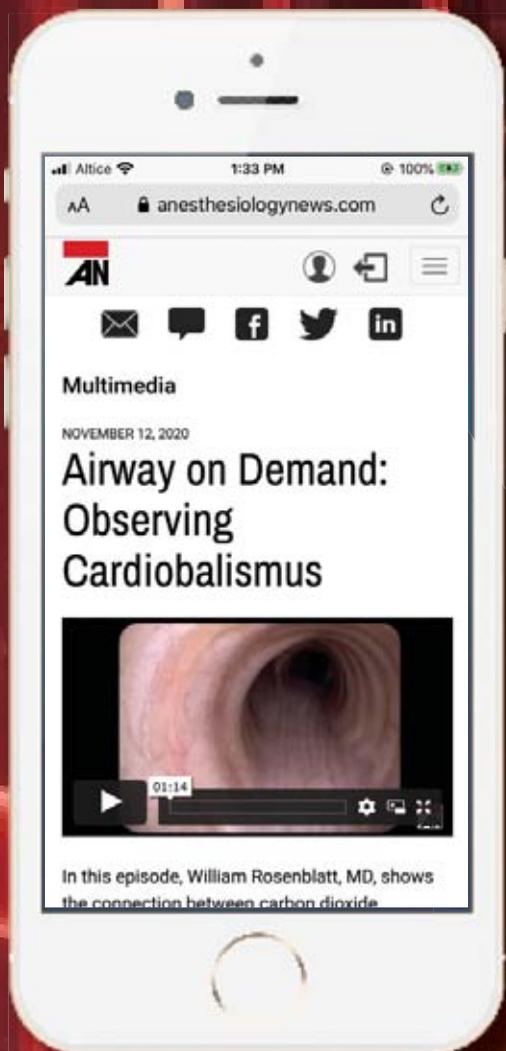
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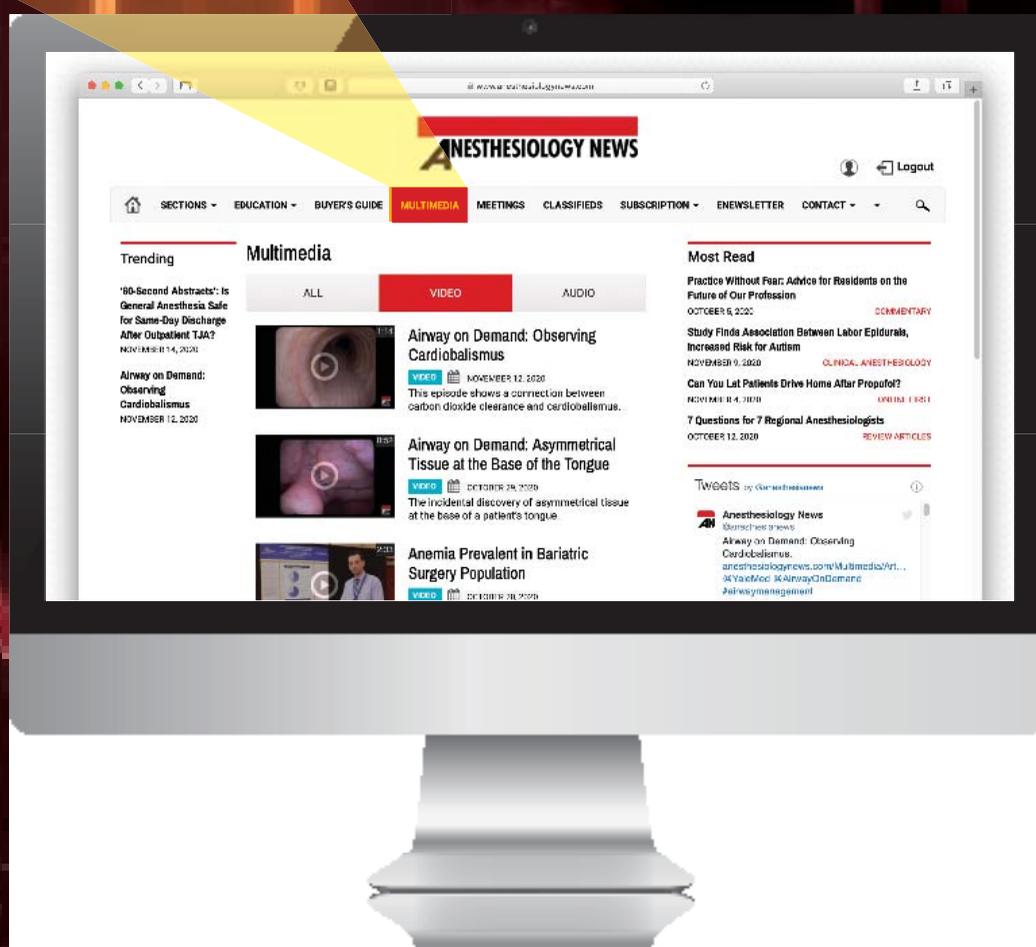


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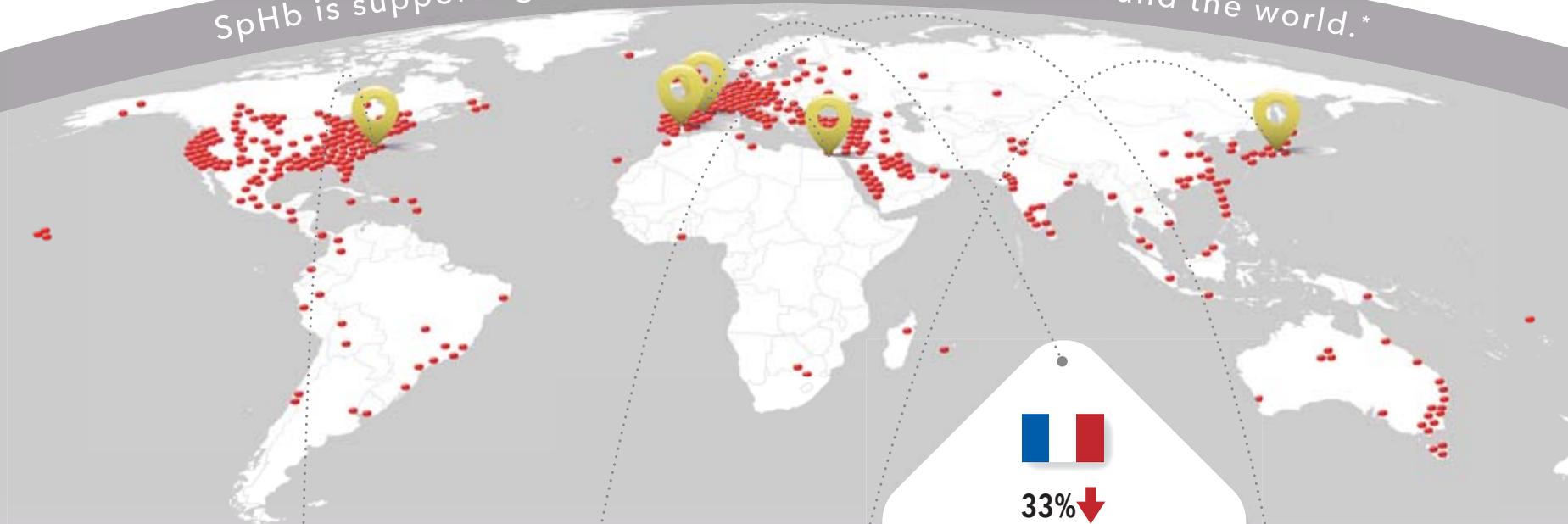
ANESTHESIOLOGYNEWS.COM

Are You Improving Outcomes with SpHb®?



Six studies across four continents have found that noninvasive and continuous hemoglobin (SpHb) monitoring can help improve outcomes¹⁻⁶

SpHb is supporting clinicians in over 75 countries around the world.*




87%↓ Patients Receiving Transfusions¹
 Massachusetts General Hospital
 2014


41%↓ RBC Units per Transfused Patient²
 Cairo University
 2015

76%↓ Time to Transfusion³
 Cairo University
 2016


63%↓ Units RBC Transfused⁴
 Fukushima Medical University
 2016


33%↓ 30-Day Mortality⁵
 CHU Limoges
 2019


€1.7M↓ Cost⁶
 HM Hospitales
 2018

↓ = Reduction



Improve Your Outcomes with SpHb

Visit www.masimo.com/sphb

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.

Clinical decisions regarding red blood cell transfusions should be based on the clinician's judgment considering among other factors: patient condition, continuous SpHb monitoring, and laboratory diagnostic tests using blood samples. SpHb monitoring is not intended to replace laboratory blood testing. Blood samples should be analyzed by laboratory instruments prior to clinical decision making.

¹ Ehrenfeld et al. *J Blood Disorders Transf.* 2014. 5:9. ² Awada WN et al. *J Clin Monit Comput.* DOI 10.1007/s10877-015-9660-4. Study Protocol: In each group, if researchers noted SpHb trended downward below 10 g/dL, a red blood cell transfusion was started and continued until SpHb trended upward above 10 g/dL. The transfusion threshold of 10 g/dL was predetermined by the study protocol and may not be appropriate for all patients. Blood sampling was the same for the control and test group. Arterial blood was drawn from a 20 gauge radial artery cannula into 2 mL EDTA collection tubes, mixed and sent for analysis by a Coulter GEN-S Hematology Analyzer. ³ Kamal A, et al. *Open J of Anesth.* 2016 Mar; 6, 13-19. ⁴ Imaizumi et al. *Proceedings from the 16th World Congress of Anaesthesiologists*, Hong Kong. Abstract #PR607. ⁵ Cros et al. *J Clin Monit Comput.* Aug 2019: 1-9. Study utilized a goal-directed fluid therapy protocol with PVI[®] in conjunction with a blood transfusion protocol based on SpHb. ⁶ Ribed-Sánchez B, et al. *Sensors* (Basel). 2018 Apr 27;18(5). pii: E1367. Estimated national savings derived from hospital savings extrapolated nationwide. * Data on file.