

19th Annual

BUYER'S GUIDE

Summer/Fall 2021

Supplement to

ANESTHESIOLOGY NEWS

AnesthesiologyNews.com/BuyersGuide 



- 3 Airway Management
- 5 Anesthesia Machines
- 9 Blood Management
- 9 Breathing Circuits & Masks
- 9 Carts
- 10 Information Management Systems
- 10 Monitoring Systems & Devices
- 13 Pain Management
- 13 Patient Positioning
- 13 Patient Safety
- 13 Regional Anesthesia
- 14 Ultrasound

"A major limitation to widespread adoption of objective neuromuscular monitors is not their cost, but their ease of use. New monitors...are needed."

-Consensus Statement on Perioperative Use of Neuromuscular Monitoring

blink
DEVICE COMPANY



It's your move.

TwitchView[®]
TRAIN OF FOUR MONITOR

Take the next step at www.blinkdc.com/twitchview



Breakthrough Technology. Breakthrough Outcomes.

A clinical study conducted at CHU Limoges, France of 18,716 patients demonstrated the clinical value of implementing a hospital-wide goal-directed therapy (GDT) protocol for blood and fluid management using Masimo noninvasive, continuous hemoglobin (SpHb®) and pleth variability index (PVI®) monitoring.¹

Significant Reduction in Post-surgical Mortality



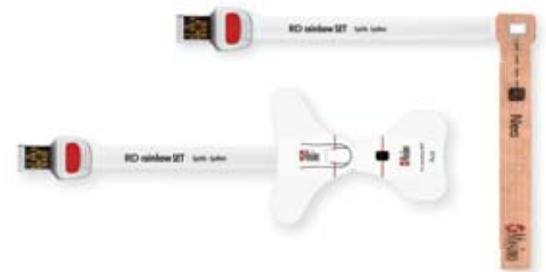
STUDY TIMELINE

- 2013 **Retrospective Control** (n = 9,285)
No GDT algorithm or Masimo technology implemented
- 2014 **Prospective Control** (n = 5,856)
No GDT algorithm or Masimo technology implemented
- 2014 **Prospective Experimental** (n = 3,575)
GDT algorithm with Masimo technology implemented
> Post-surgical mortality was 33% lower at 30 days and 29% lower at 90 days
- 2015 **Post-Study Observational**
GDT algorithm implemented without Masimo technology
> Mortality rates rebounded to pre-study levels

¹ Cros et al. *J Clin Monit Comput.* Aug 2019;1-9.

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.

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.



Improve your outcomes with SpHb and PVI
[masimo.com/sphb-outcomes](https://www.masimo.com/sphb-outcomes)



AIRWAY MANAGEMENT

1

ADROIT SURGICAL

VIE SCOPE® BOUGIE INTRODUCER



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 Scope.



AIRWAY MANAGEMENT

5

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

2

ARC MEDICAL, INC.

CIRCUITGUARD®

Protecting Every Breath™



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

6

BONE FOAM INC.

TROOP ELEVATION PILLOW



20175 County Road 50, Corcoran, MN 55340
877-861-2663
customerservice@bonefoam.com
bonefoam.com

The Troop Elevation Pillow makes it easier to manage the airway of obese and OSA patients. It provides easy, stable and predictable positioning that can help avoid multiple intubation attempts by efficiently aligning the upper airway axes. Proper airway positioning leads to better preoxygenation, improved first-pass intubation success, quicker intubation and faster anesthesia start times.



AIRWAY MANAGEMENT

3

BELL MEDICAL INC.

BITE ME, AIR CUSHIONED PERIOPERATIVE BITE BLOCK



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

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 make it easy to insert and remove. Individually wrapped clean. Contact us for free samples.



AIRWAY MANAGEMENT

7

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

4

BELL MEDICAL

INSIGHT VIDEO AIRWAY MANAGEMENT SYSTEM



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

New 13-inch HD iWorkstation display offers wireless connectivity to ALL Insight video products including Video Laryngoscope with new Mac 3 and 4 traditional blade shapes and four acute-angled blades from infant to adult. The Insight system gives you six flexible endoscope size options, a rigid lighted stylet and a video laryngoscope with six disposable blade options. Call for free demo or trial. Ask about our free device program.



AIRWAY MANAGEMENT

8

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.

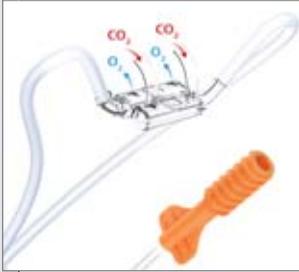


AIRWAY MANAGEMENT

9

FLEXICARE, INC.

DUAL CANNULAS & MASKS



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

Dual™ capnography solutions provide accurate end-tidal CO₂ sampling and O₂ delivery across a wide range of clinical needs—everything you need from the OR to recovery. Soft-touch interfaces allow for superior patient compliance and comfort, while kink-resistant tubing ensures consistent, accurate delivery of gases and waveforms. With a comprehensive offering of configurations and universal compatibility, Dual capnography solutions are designed to fit any monitoring system.



AIRWAY MANAGEMENT

11

FLEXICARE, INC.

PROVU VIDEO LARYNGOSCOPE



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

Available with a range of hyperangulated and Mac style blades, ProVu™ Video Laryngoscope is the perfect solution for routine and difficult intubations. With an ultra-high-quality image, adaptive lighting and true color technology, the 3.5- and 8-inch displays provide a superior view of the airway. ProVu™ VL was created for “plug-and-play” use—intuitive technology, rechargeable batteries and ready to use within seconds. The wipe-down capable display, sterile, single-use handle and low-profile 100% metal blade are designed for ease of use, reduced risk for cross-contamination and patient safety.



AIRWAY MANAGEMENT

10

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

12

HEINE

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



10 Innovation Way, Dover, NH 3820
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 system that provides the utmost in performance, made with high-quality materials and bright and reliable LED illumination for an optimal view. In addition to an unmatched 10-year warranty, the HEINE system offers cost savings, better performance and reduced environmental footprint.



AIRWAY MANAGEMENT

13

INTERSURGICAL

I-GEL®



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

i-gel® is an innovative, single-use, second-generation supraglottic airway device made from a thermoplastic elastomer designed to create a non-inflating, anatomical seal of the pharyngeal, laryngeal and perilaryngeal structures while avoiding compression trauma. i-gel® is available in seven sizes, is latex- and PVC-free, and supplied in a fully recyclable protective cradle which makes it an environmentally sustainable choice.

See ad on p. 6



AIRWAY MANAGEMENT

14

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.



DESIGNED FOR ROUTINE USE.

Introducing the next generation McGRATH™ MAC video laryngoscope

To learn more about the evolution of video laryngoscopy for routine use, visit medtronic.com/RoutineUse



AIRWAY MANAGEMENT

15

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

19

MEDTRONIC

McGRATH™ MAC VIDEO LARYNGOSCOPE

See ad on p. 4



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

16

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

20

PULMODYNE

DART-REACH-LARYNGO-TRACHEAL MUCOSAL ATOMIZATION DEVICE



2055 Executive Drive, Indianapolis, IN 46241
317-900-4093
info@pulmodyne.com
pulmodyne.com/dart-reach

Deliver medication quick and effectively for difficult airways with the Reach and use the flexible stylet to adjust the tube for a customized approach. It can be used in a variety of airway management scenarios such as awake intubations or difficult airways, or for procedures such as endoscopy, transesophageal echocardiograms or bronchoscopy.



AIRWAY MANAGEMENT

17

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

21

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

18

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

22

DRÄGER

APOLLO®

See ad on p. 16



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.





How does Intersurgical® create a healthier and sustainable anesthesia environment?

Spherasorb™ CO₂ Absorbent

Spherasorb offers one of the lowest consumption levels per hour of anesthesia, resulting in reduced waste into the environment. Spherasorb can safely be used as part of the “Low Flow Anesthesia Protocol” making it cost effective, safe and sustainable.

Does Not Contain Calcium Chloride

Spherasorb does not contain Calcium Chloride which can cause ‘hidden water of crystallization’ that could potentially lead to clumping and channeling. This results in low and inefficient absorption capacities which can lead to a higher resistance to flow and premature exhaustion.

Chemical Formulation and Shape

Spherasorb’s formulation and 3-4mm shaped spheres allows for hexagonal close packing. This prevents channeling and provides an even color change* with maximum CO₂ capacity. Also, the formulation and shape enables one of the highest Carbon Dioxide capacities. This maintains safety and stability when used with volatile anesthetics under a wide range of flow rates from low flow to high flow.

Sodium Zeolite

Spherasorb contains Sodium Zeolite which provides a built in resistance to extreme drying conditions. This reduces potential problems with Compound A and Carbon Monoxide to negligible levels, even if the oxygen/fresh gas is left running during periods of non-use.

Reduced Waste

Spherasorb’s manufacturing surplus is recycled back into usable soda lime, reducing factory waste to minimal levels.

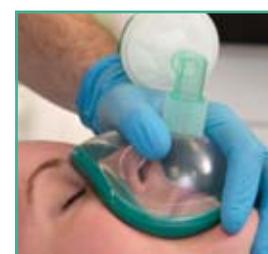
* The degree of color change at exhaustion depends on the conditions of use and is an indication only. Color change must ideally be used in conjunction with inspired CO₂

Sustainable Development

The Eco range is part of our ongoing focus on sustainable development. Wherever you see the Eco logo we have reduced the environmental impact of these products compared to traditional options.



Intersurgical EcoLite™ oxygen mask



ClearLite™ anesthetic face mask



Multipac® anesthesia breathing system



FiltaMask™ oxygen mask

ANESTHESIA MACHINES

23

DRÄGER

FABIUS® GS PREMIUM

See ad on p. 16



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.



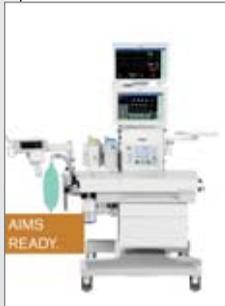
ANESTHESIA MACHINES

27

DRÄGER

PERSEUS® A500

See ad on p. 16



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

24

DRÄGER

FABIUS® MRI

See ad on p. 16



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

28

GETINGE

FLOW-I ANESTHESIA SYSTEM



1 Geoffrey Way, Wayne, NJ 7470
888-627-8383
customer-care-us@getinge.com
getinge.com

When developing the Flow-i, we have built on our insight and expertise as a world-leading manufacturer of Servo ventilators, enabling us to develop unique, innovative technology. Technology that combines high power with high sensitivity and accuracy to gently optimize gas exchange in the lungs and minimize the risk of complications. Flow-i is powerful and reliable, and at the same time easy to use.



ANESTHESIA MACHINES

25

DRÄGER

FABIUS® TIRO

See ad on p. 16



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

29

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.



ANESTHESIA MACHINES

26

DRÄGER

FABIUS® TIRO M

See ad on p. 16



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

30

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.

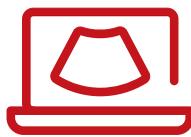


Trust Mindray for your Complete Perioperative Solution



1 in 7

anesthesia machines sold in the US is Mindray



All Top 10

hospitals are using Mindray ultrasound solutions*



1 in 5

patient monitors in US operating rooms is Mindray

We take great pride in employing the brightest and most creative minds in the world, but we also go to great lengths to ensure our customers remain at the leading-edge of technology. We only succeed if our partners succeed.

*According to U.S. News & World Report 2020-2021

ANESTHESIA MACHINES

31

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.



BLOOD MANAGEMENT

35

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—the next-generation, closed-cartridge POC viscoelastic assay based on an innovative ultrasound technology. When time is critical, the Quantra system offers RAPID (within 15 min), accurate and easy-to-interpret whole-blood coagulation results, helping clinicians make quick and informed treatment decisions.



ANESTHESIA MACHINES

32

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.



BREATHING CIRCUITS & MASKS

36

DRÄGER

ANESTHESIA CIRCUIT KITS

See ad on p. 16



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.



BLOOD MANAGEMENT

33

BELL MEDICAL INC.

WARRIOR BLOOD AND FLUID WARMER



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



BREATHING CIRCUITS & MASKS

37

MEDIPLUS LTD

CAPNOMASK™



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

A dedicated medium concentration mask for accurate detection of end-tidal CO₂. Fully integrated 10-ft O₂ and CO₂ lines. Ergonomically molded in soft, high-quality PVC for patient comfort. Impregnated with a subtle vanilla scent to help with anxiety and postoperative nausea. Available in adult, pediatric and ophthalmic. Innovation for patient care.



BLOOD MANAGEMENT

34

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.



CARTS

38

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.



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!



CARTS

39

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 nonmetal 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.



INFORMATION MANAGEMENT SYSTEMS

40

DRÄGER

INNOVIAN® ANESTHESIA

See ad on p. 16



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

41

BLINK DEVICE COMPANY

TWITCHVIEW QUANTITATIVE TRAIN-OF-FOUR MONITOR

See ad on p. 1



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

TwitchView provides reliable, scientifically validated EMG-based quantitative train-of-four monitoring, even when patient's arms are tucked. Easy setup and auto-pilot-like interface enable continuous neuromuscular monitoring and EMR connectivity. 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

42

DRÄGER

INFINITY® OMEGA-S

See ad on p. 16



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

43

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

47

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

44

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

48

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

45

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

49

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

46

EDWARDS LIFESCIENCES

CLEARLIGHT 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

50

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

51

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

54

MINDRAY

EPM 10M/12M

See ad on p. 8



800 MacArthur Boulevard, Mahwah, NJ 7430
800-288-2121
customerservice@mindray.com
mindraynorthamerica.com

The ePM 12M paired with the ePM multigas module, automatically identifies and measures the inspired and expired values of O₂, CO₂, N₂O and five anesthetic agents providing a powerful OR monitoring solution. Integrated in both ePM 10M and 12M monitors; 3- and 5-lead ECG,

SpO₂, NIBP, respiration and temperature, offering a robust parameter platform for the ambulatory surgical care environment.



MONITORING SYSTEMS & DEVICES

52

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[®] provides objective and reliable results to ensure the absence of residual neuromuscular block and prevent its related complications. Quick to set up, its 3D-AMG technology requires no calibration even on patients already paralyzed. ToFscan[®] is very easy to navigate with its one wheel button. IDMED has developed the largest range of sensors to fully cover needs in the NMT block and

recovery practice. ToFscan[®] gives both the choice between cost-effective reusable sensors and a new disposable solution.



MONITORING SYSTEMS & DEVICES

55

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

53

IDMED - BLUESTAR INT'L ENTERPRISES, INC.

WITOF[®] WIRELESS TRAIN-OF-FOUR STATION



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

The WiTOF[®] Station provides a comprehensive view of the depth of neuromuscular block, giving you real-time feedback on your dosage strategy. Its range of wireless sensors simplifies access to the hand or foot of the patient. The WiTOF[®] Station with its automated ATP mode (TOF/PTC) and the alerts will allow you to pilot blockade with confidence and peace of mind.



MONITORING SYSTEMS & DEVICES

56

MINDRAY

BENEVISION N12/N15/N17 PATIENT MONITORS

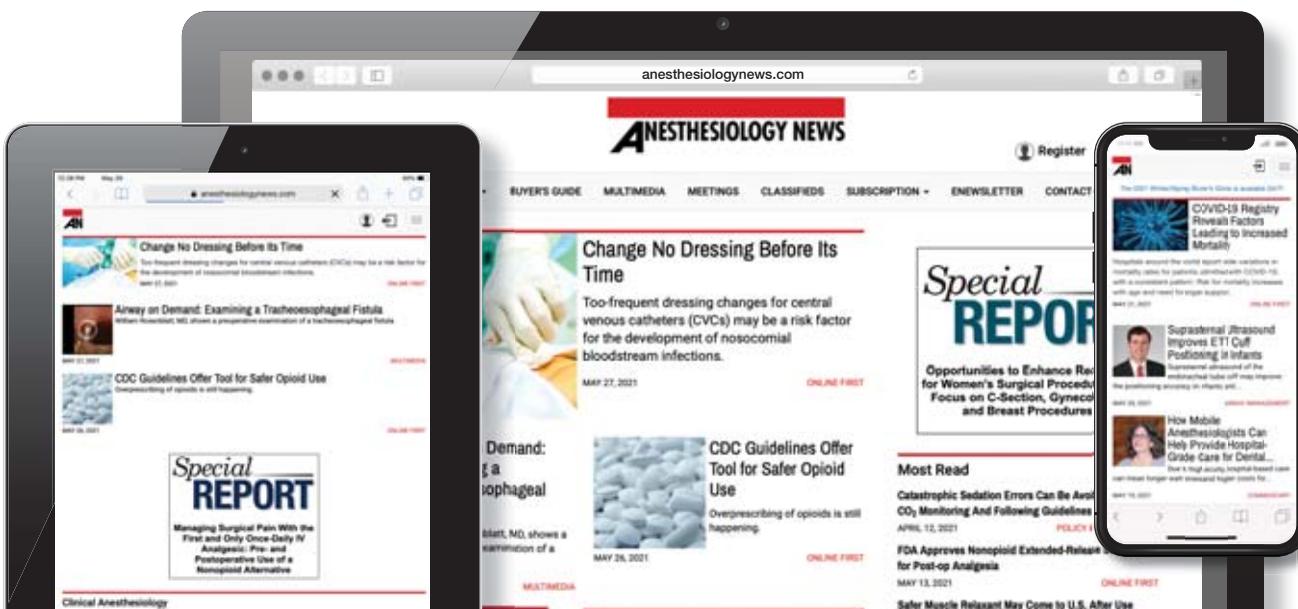
See ad on p. 8



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.



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

MONITORING SYSTEMS & DEVICES

57

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.

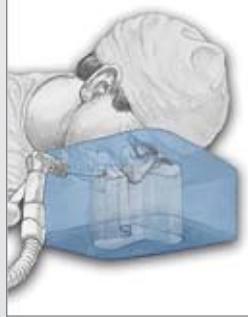


PATIENT POSITIONING

61

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.



MONITORING SYSTEMS & DEVICES

58

SENZIME INC

TETRAGRAPH



649 Fifth Avenue South Suite 205, Naples, FL 34102
239-248-8700
info.us@senzime.com
senzime.com

TetraGraph by Senzime makes accurate and intuitive train-of-four monitoring a reality, even in cases with tucked arms. EMG technology allows for continuous monitoring of the depth of blockade in all case types, all with an easy-to-apply sensor array. Unparalleled detail allows clinicians to optimize management to eliminate residual paralysis and provide an objective target for safe extubation to eliminate post-op complications.



PATIENT SAFETY

62

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

59

B. BRAUN MEDICAL INC.

ONVISION® NEEDLE TIP TRACKING AND STIMUPLEX® ONVISION NEEDLE



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

Onvision is an ultrasound-based needle tip tracking technology for peripheral nerve blocks that works exclusively with Xperius® Ultrasound System and the dedicated Stimuplex® Onvision needle. In real time, Onvision accurately indicates where the needle tip is inside the body, in or out of plane. It allows anesthesiologists to align the needle with the probe in a user-friendly manner.

1. Test Report Validation - NTT for PNB, Document Number: D000245353, Philips Medical Systems Nederland B.V.



REGIONAL ANESTHESIA

63

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 X-pattern. The unique 'X' shape combined with a clear coating, reflects more ultrasound waves back to the probe than previous designs.¹ These needles are designed to provide visibility without compromising puncture characteristics.

1. Internal testing: ETRs JMLY-8ADPR2, NPAK-9VRK2K



PAIN MANAGEM

60

HAVEL'S, INC.

ULTRASOUND NEEDLES FOR NERVE BLOCKS & PAIN INJECTIONS

See ad on p. 15



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

64

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!



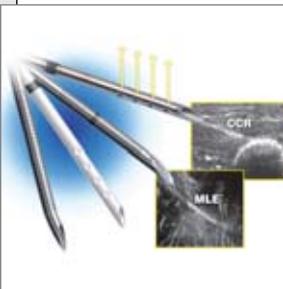
REGIONAL ANESTHESIA

65

HAVEL'S, INC.

ULTRASOUND NEEDLES FOR NERVE BLOCKS & PAIN INJECTIONS

See ad on p. 15



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.



ULTRASOUND

69

MINDRAY

ME8 ULTRASOUND SYSTEM

See ad on p. 8



800 MacArthur Boulevard, Mahwah, NJ 7430
800-288-2121
customerservice@mindray.com
mindraynorthamerica.com

The ME8 Ultrasound System has been thoughtfully designed with a sealed hybrid touch panel and revolutionary, software-based beam-former technology, resulting in an intuitive user experience and best-in-class image quality. This system is equipped with a comprehensive suite of needle visualization technologies and one-touch image optimization to help reduce exam times and improve patient safety.



REGIONAL ANESTHESIA

66

INFUTRONIX SOLUTIONS

NIMBUS II PAINPRO POST-OP PAIN PUMP



177 Pine Street, Natick, MA 1760
844-479-8500
info@nimbuspainpro.com
nimbuspainpro.com

Nimbus II PainPRO is the only ambulatory electronic, recyclable, postoperative pain pump offering PIB Intermittent Bolus + PCA Demand Bolus + Continuous rate modes in any therapy combination all-in-one pump. Up to 12 of your protocol presets programmed into the pump make setup easy and extend Pharmacy's safety limits. Infuses from any size Rx IV bag so you can deliver therapy beyond the limits of elastomeric pumps.



ULTRASOUND

70

MINDRAY

TE7 ULTRASOUND SYSTEM

See ad on p. 8



800 MacArthur Boulevard, Mahwah, NJ 7430
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.



ULTRASOUND

67

ECHO NOUS, INC

KOSMOS



8310 154th Avenue Northeast, Redmond, WA 98052
425-242-5553
info@echonous.com
kosmosplatform.com

Kosmos by EchoNous is the only ultraportable device that combines high-definition imaging for peripheral nerve blocks, advanced artificial intelligence-driven applications Pulsed Wave and Continuous Wave Doppler in a 10-ounce package.



ULTRASOUND

71

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.



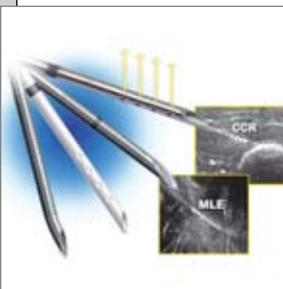
ULTRASOUND

68

HAVEL'S, INC.

ULTRASOUND NEEDLES FOR NERVE BLOCKS & PAIN INJECTIONS

See ad on p. 15



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.



ULTRASOUND

72

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.





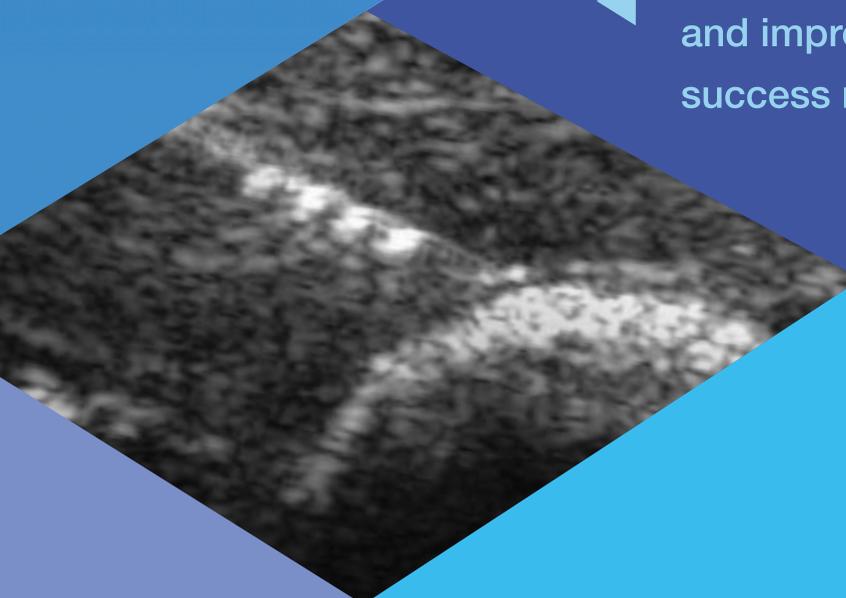
Havel's ultrasound needles for nerve blocks and pain injections.

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.



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 TO DISCOVER THE POSSIBILITIES

Dräger. Technology for Life®