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The power of one

A comprehensive Philips solution
for perioperative care

PHILIPS

IntelliSave AX700

Changing the game in perioperative care

Anesthesia care: new challenges, new approaches
Today's anesthesia patients aren't just anesthesia patients. They're perioperative patients who have specific needs before, during, and after surgery. A broader, perioperative approach helps you meet these needs[1] and uphold your high standards.

Perioperative care also means a broader set of challenges. Will patients be safe throughout their stay? How can teams work efficiently and easily – with each other, and equipment? Will technology help or hinder caregivers?

Answer challenges with innovation
Discover how a single, comprehensive solution from Philips can transform how you care for perioperative patients. It embodies our ongoing commitment to collaborating with clinicians to deliver innovation that matters to you.

[1] http://www.beckersasc.com/anesthesia/5-challenges-for-anesthesia-in-2013.html, accessed November 15, 2013

Improve patient care – from admission to discharge

As the scope of anesthesia care expands, the scope of patient care expands with it. More chances of infection, more data, more caregiver hand-offs. Meet multiple challenges in perioperative patient care with our single, comprehensive anesthesia solution.

Reduce the likelihood of nosocomial infection
You work hard to control infection at every stage of anesthesia care. That's why every component of our solution is designed for easy, rapid cleaning. Single-patient use supplies, for example, offer an added measure of prevention.

See more of every patient
Coordinated care teams can access clinically relevant information at their fingertips throughout the patient journey. Our patient information management system begins working the moment the patient is admitted, while patient monitors display that information intuitively – even during transport. Compatible measurement modules allow you to tailor care to each patient as you monitor.

Manage risk proactively
A patient's condition can escalate anytime, anywhere. Be alert to subtle changes and feel confident in making quick decisions with tools such as Early Warning Scoring and Clinical Decision Support. A variety of features, such as our anesthesia machine's critical functionalities, are also in place to help prevent escalations before they start.

Focus on what matters most
Turn patient data into actionable information – and spend more time practicing anesthesia and less time documenting it. Our informatics solution, for example, works easily with anesthesia machines, ventilators, and patient monitors, so you can concentrate on the patient.

"Anesthetists do not work in isolation, and their contribution to the function of the multidisciplinary teams in which they work has far-reaching consequences for patient care."

"Best practice and patient safety in anesthesia." Weller, J.M., Merry, A.F., British Journal of Anesthesia 110 (5): 671-3 (2013)

Accomplishing more with every workflow

The right technology can support efficient, coordinated carecare by empowering caregivers to work quickly and intuitively with each other and their equipment. Our single, comprehensive anesthesia solution helps you streamline workflows that span your perioperative environment.

Be ready in an instant

A patient's condition can change in a heartbeat. Respond just as quickly, supported by our solution. Need to move? Our lightweight transport monitor, for instance, quickly and easily detaches from the main monitor. You no longer need to switch to OR-specific ECG lead sets when you move monitored patients to the OR. Philips OR trunk cables provide the protective shielding you need during surgical procedures. They speed workflow and help minimize the possibility of burns by moving OR protection to the trunk cable.

Continue working even during power losses. Battery operation is featured on our ultrasound system, anesthesia machine, and transport monitor (which also functions as a full-fledged monitor).

Work with flexibility

Every hospital is different. Our anesthesia solution adapts to however you choose to work. Configure our data management system, for instance, to virtually any clinical workflow. The patient monitor features configurable smartkeys and allows alarms to be easily customized and transmitted to clinicians through the hospital communications network.

Free up valuable resources

The time new and experienced caregivers invest in learning a new solution is time away from the patient. Our solution helps minimize your training requirements, keeping caregivers where they're needed. All components follow the same intuitive design principles.

Use time wisely

Minutes spent waiting are minutes wasted. With 24/7 access, our anesthesia machine and ultrasound system can start reducing delays right away – and they work easily with our quick-start patient monitor. Add our data management system, for example, and you can streamline processes for pre-operative caregivers with reports, forms, and records.

"The objectives of achieving efficiency and quality are complementary: increased efficiency results in higher quality, and higher quality can result in greater efficiency."

"Enhancing Surgical Care in BC: Improving Perioperative Quality, Efficiency, and Access."
British Columbia Medical Association. Policy Paper. June 2011

Simple in all the right ways

Ease of use goes beyond quick-press buttons. With caregivers completing nearly 72 tasks per hour[1], solutions must be fast and simple to adopt. Familiarity with the technology can help reduce the risk of errors as well as training time. Reap the rewards of technology with our anesthesia solution.
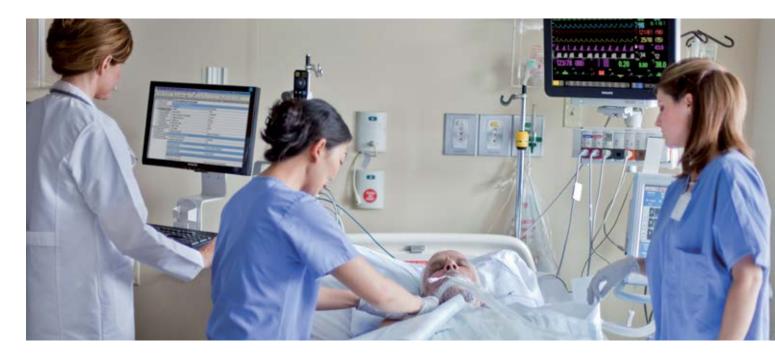
Made for everyone

Accommodate multiple levels of professional experience and exposure to other vendors with intelligent design. Our anesthesia solution helps you understand what you need to do, when you need to do it, thanks to intuitive screen layouts, similar interfaces, and especially clever touches such as color-coded supplies.

Go virtually anywhere

Let nothing get in the way of patient care – literally. Work comfortably and as you normally do without sacrificing necessary equipment. Customers praise our ultrasound system's ergonomic design, for example, while our patient monitor's optional built-in PC saves valuable space in tight areas.

''If all medical equipment had been designed with good user interfaces, incidents and accidents could be reduced as could the time required to learn how to use the equipment.''

"User participation in requirements elicitation comparing focus group interviews and usability tests for eliciting usability requirements for medical equipment: a case study." Garmer, K., Ylvén, J., Karlsson, M., International Journal of Industrial Ergonomics: 2004 Feb; 33(2): 85-98

[1] ''How much time do nurses have for patients? A longitudinal study quantifying hospital nurses' patterns of task time distribution and interactions with health professionals.'' Westbrook, J.I., Duffield, C., Ling, L., Creswick, N.J. BMC Health Services Research 2011, 11:319

Communicating everywhere it matters

Many IT networks reflect a series of prior investments, often with varying systems or through different providers. Anesthesia's role in coordinated care, including materials supply and reimbursement, means your solution must be a good fit with your current network. Help secure clinically relevant data and maximize return on investments with our single anesthesia solution.

Coordinate across the enterprise

When systems work smoothly with one another, you can work efficiently and share clinically relevant information with your anesthesia team and across the continuum of care. Interoperability can also help free up financial resources for patient care by lowering architecture maintenance costs. Built to accommodate open standards and PACS connectivity, our comprehensive anesthesia solution supports you in these efforts.

Bring data together

Act on clinical information gathered from multiple sources and multiple vendors. By enabling quick and easy access, technology can help you focus on what's important instead of what's compatible. Enjoy the peace of mind that comes with our anesthesia solution founded on this principle. Every element is designed to work with your existing Philips devices and solutions as well as those from other vendors.

"Technology that is designed expressly for and adequately tailored to the demands of the perioperative care process and requirements will result in optimal clinical adoption and outcomes."

"Improving Perioperative Patient Safety Through the Use of Information Technology." St. Jacques, P.J., Minear, M.N. Advances in Patient Safety: New Directions and Alternative Approaches (Vol. 4: Technology and Medication Safety). Henriksen, K., Battles, J. B., Keyes, M.A., et al., editors. Rockville (MD): Agency for Healthcare Research and Quality (US); August 2008

Partners for the road ahead

At Philips, we're dedicated to creating the future of healthcare – but we can't do it alone. That's why we collaborate with clinicians and patients to develop solutions that work in real clinical environments. We deliver innovation that matters to you – offering you new and enhanced solutions to help you to be healthy, live well, and enjoy life. In today's changing perioperative setting, imagine adding an extra degree of caution in your patient care. Or streamlining workflows at once and at several points of care. Or supporting technology adoption and interfacing efforts at the same time. Our comprehensive anesthesia solution will help you achieve those goals.

"By collaborating with Philips, we're bringing all the stakeholders together at the same table to better assess and plan health care for tomorrow. It's no longer a simple supply-and-demand business model. Our goal is to foster an atmosphere of meaningful innovation that will have a significant and positive impact on the health of our patients."

David S. Hefner, Chief Executive Officer at Georgia Regents Medical Center