



New leads for every patient, every time

Adult disposable ECG electrode lead sets

PHILIPS

The smart choice

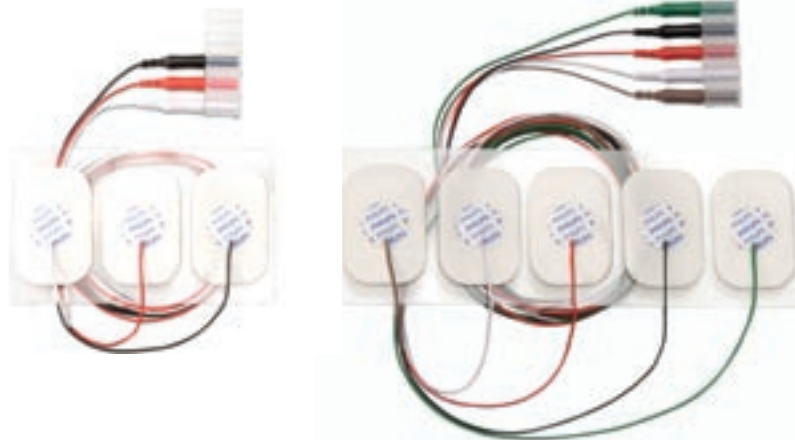
When patients come to the hospital, they expect to get better. But hospital-acquired infections (HAIs) can lead to extended stays, unnecessary costs, and even avoidable deaths. Drug-resistant pathogens thrive in hospitals, persisting on surfaces like reusable ECG leads for weeks. Philips is committed to providing innovative patient monitoring products to assist in the prevention of cross-contamination. **Adult disposable ECG electrode lead sets can help you reduce your patient's risk of HAI by using new leads for every patient.** Designed to be easy to use, convenient, and versatile, they come in one size to fit all adult patients. Philips disposable ECG electrode lead sets can contribute to a comprehensive strategy to fight HAIs.

The high toll of hospital-acquired infections

Every year, patients acquire an estimated 1.7 million infections while being treated at U.S. hospitals, accounting for 98,987 deaths.¹ And they're expensive — each HAI adds an average \$15,275 in excess health care costs.² Government reporting mandates, coupled with reduced reimbursement rates for certain types of infections, are adding to the economic pressures on hospitals to reduce HAIs.

Disposable ECG electrode lead sets help reduce the risk of infections

In most cases, reusable ECG leads are one of the last non-disposable items used on a patient's torso. One recent study found that 77 percent of reusable ECG leads harbor one or more antibiotic-resistant pathogens — even after being cleaned and prepared for the next patient.³



Available in 3- or 5-lead configurations, with metallic or radiolucent wires, Philips adult disposable ECG electrode lead sets can help caregivers reduce the risk of hospital-acquired infections.

¹ Klevens R, Edwards J. Estimating health care-associated infections and deaths in U.S. hospitals, 2002. *CDC Public Health Reports*. 2007 Mar–Apr;(122):160–166.

² Roberts RR, Scott RD 2nd, Cordell R, Solomon SL, Steele L, Kampe LM, et al. The use of economic modeling to determine the hospital costs associated with nosocomial infections. *Clin Infect Dis*. 2003 Jun 1;36(11):1424–32.

³ Jancin B. Antibiotic-resistant pathogens found on 77% of ECG lead wires. *Cardiology News*. 2004 Mar;2(3):n.p.

⁴ Brown, DQ. Electrocardiography wires: a potential source of infection. *NTI News*. 2006 May 24:B1.

By removing this reservoir of nosocomial pathogens, hospitals can reduce their patients' risk of developing infections.⁴

Simple design for quick lead placement

Philips disposable ECG electrode lead sets are designed for ease of use. AAMI and IEC color-coded wires makes for faster lead placement. The solid-gel electrode technology has an estimated 72 hour wear time and can be repositioned one time. Philips disposable ECG electrode lead sets do not need an adapter — they plug directly into the Philips trunk cable, saving a step and reducing reusable parts in contact with the patient.

Comfortable to wear

The flexible wires on Philips disposable ECG electrode lead sets feel comfortable against patients' skin, preventing the chafing that can result from stiff wires. Additionally, the adhesive is designed to reduce skin irritation. A removable combiner clip keeps wires from tangling, so patients have freedom of motion and clinicians save time.

Convenient to use

Philips disposable ECG electrode lead sets have a wire length of one meter (39 in.) to fit many adult size patients, reducing supplies inventory and avoiding potential waste caused by opening the wrong size. A strain relief device on the connectors allows for easier removal of electrode lead sets from the patient trunk cable. And with pre-attached electrodes, there's one less step involved in the ECG monitoring process.

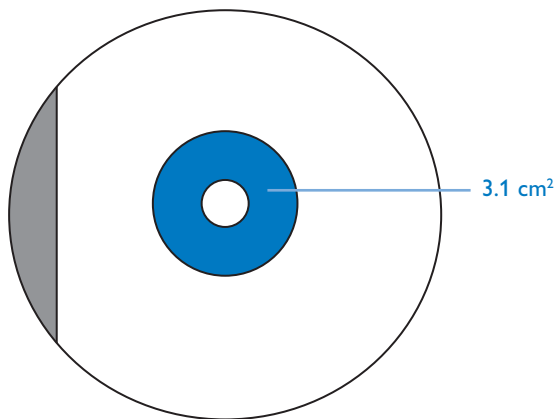
Versatile for a variety of care areas

Philips disposable ECG electrode lead sets are compatible with all Philips CMS and IntelliVue patient monitors. Metallic or optional radiolucent unshielded wires, available in 3- or 5-lead configurations, extend the range of care areas and patient types that can benefit from disposable leads.

Advanced technology leading to excellent trace quality

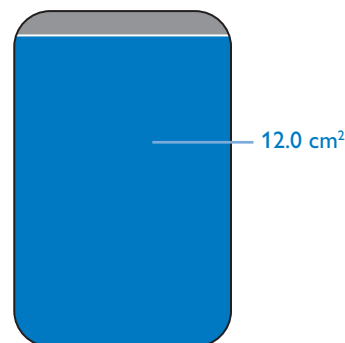
Although the Philips disposable ECG electrode lead sets have a small footprint (30 mm x 45 mm), they have over 3x the conductive surface area of a conventional round electrode, thus reducing impedance and enhancing the trace quality.

Traditional round, wet gel electrode



■ CONDUCTIVE SURFACE AREA

Philips disposable electrode lead set



■ LIFT TAB AREA NOT CONDUCTIVE

Philips disposable electrode lead sets have over three times the conductive surface area of a conventional round, wet gel electrode.

Product number	Description
989803156201	Adult disposable metallic 3 electrode lead set, AAMI
989803156211	Adult disposable metallic 3 electrode lead set, IEC
989803156221	Adult disposable radiolucent 3 electrode lead set, AAMI
989803156231	Adult disposable radiolucent 3 electrode lead set, IEC
989803156241	Adult disposable metallic 5 electrode lead set, AAMI
989803156251	Adult disposable metallic 5 electrode lead set, IEC
989803156261	Adult disposable radiolucent 5 electrode lead set, AAMI
989803156271	Adult disposable radiolucent 5 electrode lead set, IEC

Product specifications	
Leadwire length	39 inches (1 meter)
Electrode shape/size	Rectangular 30 mm x 45 mm
Electrode type	Disposable foam; solid adhesive gel
Electrode lead sets material	Copper for metallic versions, Carbon for radiolucent versions
Leadwire material	Ag/AgCl (silver/silver chloride)
Shelf life	24 months unopened, 7 days opened
Wearing time	up to 72 hours
Storage conditions	41° F (5° C) / 86° F (30° C)
X-ray compatible	Radiolucent versions only
Philips telemetry compatible	No
Defibrillator overload recovery	Yes Do not use on monitor/defibrillators. This product has unshielded leads—not to be used on defibrillators for monitoring for TC (transcutaneous) pacing or cardioversion.
Packaging	3-lead: 1 set per pouch / 100 sets per box 5-lead: 1 set per pouch / 60 sets per box Sold in box quantities only



© 2008 Koninklijke Philips Electronics N.V.
All rights are reserved.

Philips Healthcare reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

Philips Healthcare is part of Royal Philips Electronics

www.philips.com/healthcare
healthcare@philips.com
fax: +31 40 27 64 887

Printed in The Netherlands
4522 962 36231 *JUN 2008

Philips Healthcare
Global Information Center
P.O. Box 1286
5602 BG Eindhoven
The Netherlands