

LeadWear® Disposable Product Specifications Sheet

Helps reduce the risk of infections in your hospital with LifeSync® LeadWear® Disposable.

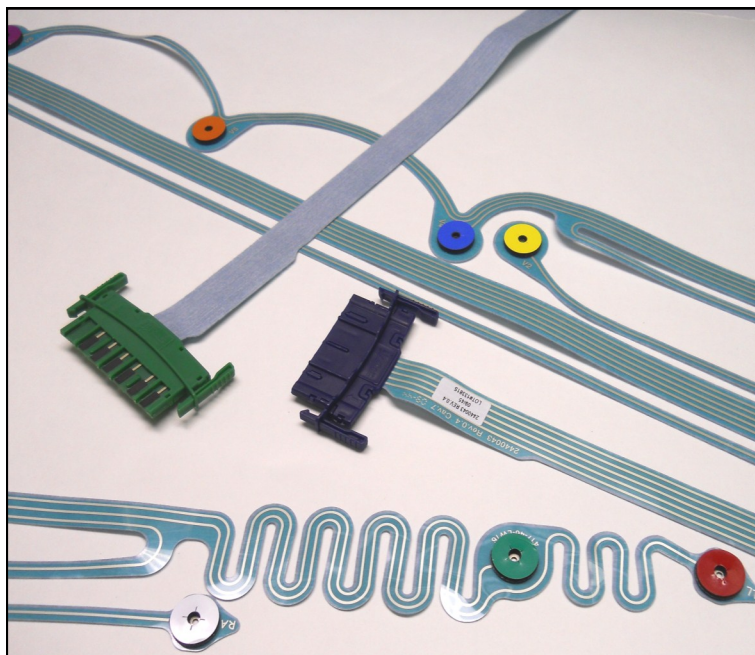
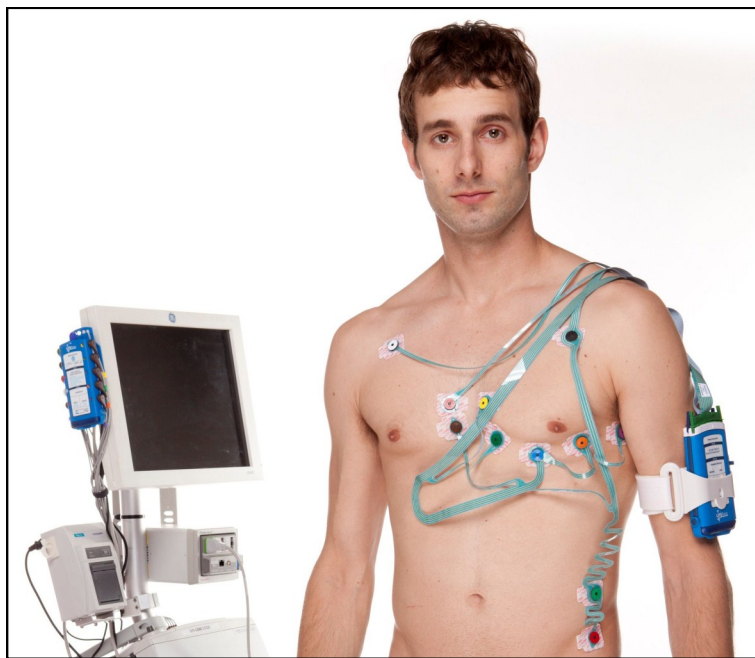
When used as part of a comprehensive infection-prevention program, the LifeSync® ECG System can help reduce the risk of hospital acquired infections by eliminating one of the last reusable items in critical care: ECG lead wires.

In a study conducted at the University of Wisconsin, **77% of reusable ECG lead wires were found to be contaminated** with one or more drug-resistant pathogens—**after they had been cleaned** and readied for attachment on a new patient.¹

LifeSync® LeadWear® Disposable replaces conventional reusable ECG leads with a single-patient use solution that can not only help reduce the risk of infections, but also significantly reduces artifact and noise common to traditional ECG lead wires.

Less visibility

The LifeSync® LeadWear® Disposable is the first radiolucent single-patient use ECG lead appropriate for use in high acuity settings. No need to constantly change lead wires for x-rays. Unobstructed images eliminates the need to constantly manage lead wires, which saves valuable room time.





LeadWear® Disposable Cable Replacement System Product Specifications Sheet

Parameter	Specification
>> ECG Specifications	
•Number of channels, single ended WRT RL	4
•Continuous Monitoring 3/5 Lead Mode:	9
•Diagnostic ECG 12 Lead Mode:	
•Channels Active	LL, LA, RA, V
•Continuous Monitoring 3/5 Lead Mode:	LL, LA, RA, V1, V2, V3, V4, V5, V6
•Diagnostic ECG 12 Lead Mode:	

Parameter	Specification
>> Respiration Specifications	
•Sensing Electrodes	RA - LA in Patient Transceiver (LS-111) RA - LL in Patient Transceiver (LS-401)

Parameter	Specification
>> Defibrillation	
•Patient Applied Parts Type:	Defib Proof Type CF per EN 60601-1
•Defibrillation Proof:	Withstands 400 J per IEC 60601-2-27
•Recovery Time After Defibrillation Exposure:	5 s maximum

Parameter	Specification
>> Environmental Conditions	
•Operating Temperature:	0 to +45 C
•Storage Temperature:	-20 to +60 C
•Shelf Life:	2 Years

Parameter	Specification
>> Material Specifications	
•LeadWear® Disposable:	Disposable single patient use; radiolucent
•Material:	Dupont™ Softese, splash resistant, breathable, meets CPSC CFR Part 1610

Parameter	Specification
>> Agency Compliances	
•LeadWear® Disposable:	ANSI/AAMI standard ECG Cables and lead wires (ABS/AAMI EC53-1995)
•Safety, System:	EN 60601-1, IEC 60601-2-27, UL 60601-1, CSA 22.2 No. 601.1, CSA 22.2 No. 601.2.27
•EMC, System:	EN 60601-1-2:2001

Size Specifications		
Size	RA-LA	LA-LL
7	11.5-25"	14-16"
9	13.3-31"	19-21"

Product Description		
3/5 LeadWear® Disposable	BLUE Connector	For continuous 3-lead or 5-lead ECG monitoring
Precordial LeadWear® Disposable	GREEN Connector	Used in combinations with the 3/5 LeadWear® Disposable for 12-lead ECG

LeadWear® Disposables Are Packaged in 3 Forms:	
3/5 Lead	One 3/5 LeadWear® Disposable
12 Lead	One 3/5 LeadWear® Disposable and one Precordial LeadWear® Disposable
Precordial	One Precordial LeadWear® Disposable

Product Description			
Part #	Size	Description	Package Contents
LS-206	Size 9	12 Lead Stress Test Only	1 - 3/5 Lead LeadWear® Disposable V1.1 1 - Precordial LeadWear® Disposable V1.0
LS-208A	Size 7	12 Lead	1 - 3/5 Lead LeadWear® Disposable V2.0 1 - Precordial LeadWear® Disposable V2.0
LS-228	Size 7	3/5 Lead	1 - 3/5 LeadWear® Disposable V2.0
* LS-229	Size 9	3/5 Lead	1 - 3/5 LeadWear® Disposable V2.0
LS-238A	Size 7	Precordial	1 - Precordial LeadWear® Disposable V2.0

Product Description
Patents: D499,488; D505,206; D501,558; 6,987,965; 7,171,166; 6,496,705; 7,197,357; 6,611,705; 7,215,991; 5,862,803; 5,957,854; 7,403,808; 6,289,238; 6,577,893; 6,441,747; 6,897,788; 7,272,428 and patents pending.
¹ "Antibiotic-Resistant Pathogens Found on 77% of ECG Lead Wires", Jancin, B., Cardiology News, March 2004.
* No WTO GPA approved version available



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