

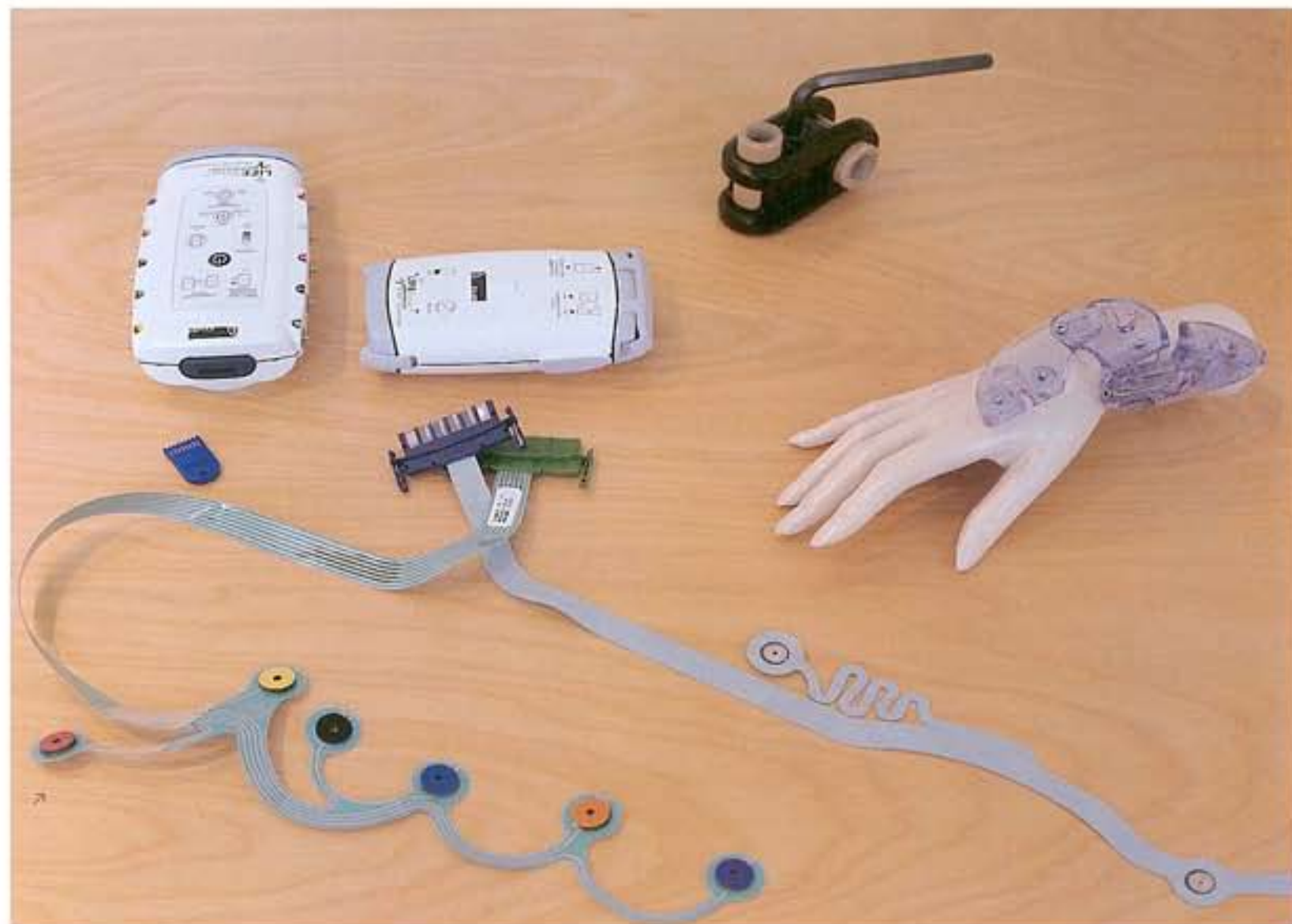
I.D.

51st Annual Design Review

Consumer Products / Graphics
Packaging / Environments / Furniture
Equipment / Concepts / Interactive



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LifeSync Wireless ECG System

"For me, this project is an A," said Seck of the LifeSync ECG, the first electrocardiogram system to eliminate the cumbersome cables between patient and monitor. "For the patient, this really reduces the scariness of being physically attached to a machine," noted Johnson. Heart rate and respiration data are transmitted by wireless Bluetooth technology, which allows patients to be transported easily through the hospital and requires no expensive changes to the network infrastructure. The feature that secured an award for this Design Continuum-created medical device was the innovative disposable lead set: The standard jumble of individual electrode wires, which must be attached to the chest at specific points, has been replaced by an integrated ribbon, molded into the proper configuration to make mistakes all but impossible.

Design Design Continuum (West Newton, MA); Jack Gundlach, principal industrial designer; Scott Chapps, industrial designer; David Chastain, director, mechanical engineering; Ellen DiResta, principal, design strategy; Chris Hosmer, Kenneth Jewell, envisioners; John Bussiere, principal, engineering; Richard O'Brien, Matt Abelson, engineers, GMP Companies (Chicago); Ken Solovay, director of engineering; Bill Gregory, electrical engineer; Jason Gentry, program manager, Motorola Inc. (Northbrook, IL); Nick Hopman, Dan Williams, Rob Brady, Robrady Design (Sarasota, FL); Kevin Klets, Motorola Energy Systems Group (Lawrenceville, GA); Tracey Lowe, Stonestreet One, Inc. (Louisville, KY); Art Schutze, Healthcare Technology Group (Wharton, TX)
Client GMP Companies
Materials Injection-molded ABS; electronic components; laminated polyfilm
Hardware Bridgeport CNC; Z Corp Z Print machine
Software Adobe Illustrator and Photoshop; ProEngineer; SolidWorks