

# Smart Fabric

PRESSURE-AWARE • ELASTIC • BREATHABLE



Wearable Smart Clothing



Hospital Smart Beds

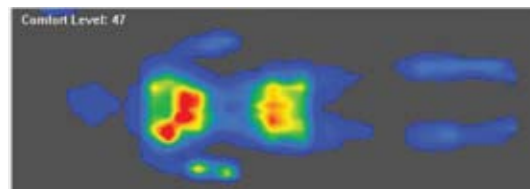


Consumer Smart Beds

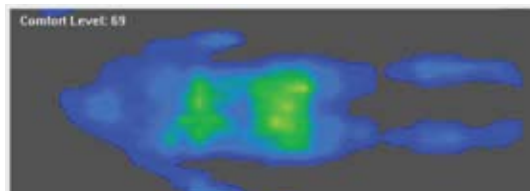


Smart Seats

**BEFORE**



**AFTER**



PatienTech

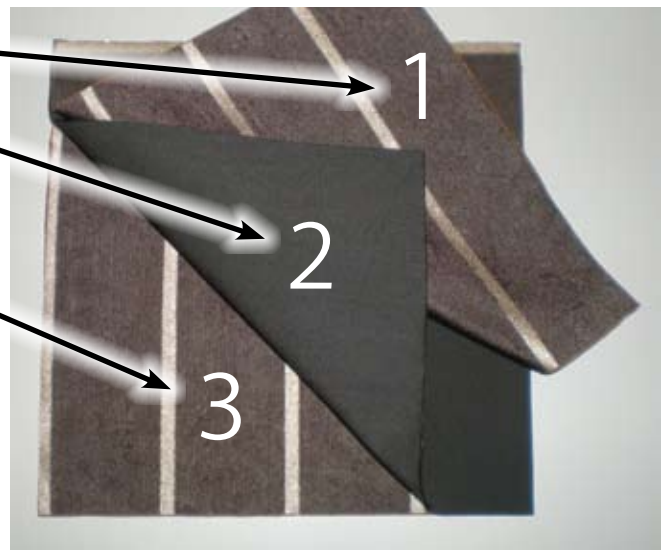
# The Only Smart Fabric that is Elastic and Breathes...

Enabling Smart Products that continually monitor and intelligently adjust surfaces and systems to promote better health and comfort—without user intervention.

**Layer 1:** Alternating knit conductive and non-conductive columns

**Layer 2:** Pressure-Sensitive fabric, varies resistance with force

**Layer 3:** Alternating knit conductive and non-conductive rows



## PatientTech Smart Sensors

- Create and monitor a Real-Time 3D Pressure Map
- Record Body Position and Movement
- Detect Vital Signs: Respiration Rate, Heart Rate and Breathing Patterns
- Send Data and Alerts to Internet and Smart Phones



Wearable Smart Clothing

- **100% Fabric**
- **Patented**
- **3 Thin Elastic Layers**
- **Inexpensive**
- **Durable—Tested to over 100,000 cycles**
- **Air and Vapor Permeable**
- **Mass-Produced Now!**



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