A View of the Future

Healthcare is poised to use HIT systems and data to deliver PATIENT CARE.
Medtronic Patient Monitoring Solutions

Market-leading solutions for the brain, heart and lungs

REINVENTING WHAT’S HUMANLY POSSIBLE
Healthcare will never be simple, just less complicated
Our Philosophy

Connected Health

Variability = Risk = Expense

Eyes and Ears

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Health Informatics & Monitoring Purpose

We believe in mastering the overwhelming complexity of modern healthcare, so you can focus on improving health and vitality.

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Health Informatics & Monitoring

- Available
  - Decouple caregiver from bedside
  - Accessible from a variety of systems and platforms
  - Integration with EMRs/HISs

- Intuitive
  - Visual elements over numbers
  - Emphasize critical information
  - Simplify/standardize user experience

- Meaningful
  - Indices and data relationships
  - Intelligent alarming and annunciation
  - Protocol sharing, tracking, assessment

- Predictive
  - Pattern detection and early indication
  - Quantitative assessment and comparative analysis
  - Assessment and guidance
Monitoring Evolution

Vital Sync™ Platform

ZephyrLife

Acquired Zephyr Technology in 2014

- Trailblazer in physiological status monitoring
- Began in 2003 with technology for military and athletes
- Known for ruggedness, durability, reliability
- Now used in hospitals and homes to monitor health status
- May help reduce costs, adverse events and hospital re-admissions
ZephyrLIFE™ System Case Study

Flagstaff Hospital, AZ: 50 patients with late-stage chronic heart failure

ZephyrLIFE™ technology helped drive clinical and economic benefit, and patient compliance

- Increased length between hospital visits by 3 times.
- Average hospital length per stay 30% of previous non-trial visits.
- Average hospital charges decreased from $138,600 to $44,674.
- Engagement of the family and community increased leading to better outcomes.

No data meant patient was typically not compliant in any of their treatment.

William T. Riley, Pamela Keberlein, Gigi Sorenson, Sailor Mohler, Blake Tye, A. Susana Ramirez, Mark Carroll


Changing the paradigm by untethering the patient

The challenges in our current healthcare system are well-known

- Escalating costs
- Aging population
- Chronic conditions on the rise
- Limited HCP time
- Changing patient expectations

The economic system is primed to adapt

- Patients and physicians are ready

- The experience of care
- Population health
- Per Capita cost

Technologies are available to help address these challenges

- 48% satisfaction with healthcare and technology
- 52% of patients who have access to telehealth services

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