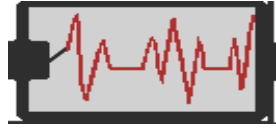


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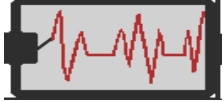
Innovation

Med-Storm Innovation

Oslo, Norway

SIE Boston 2006

MED-STORM

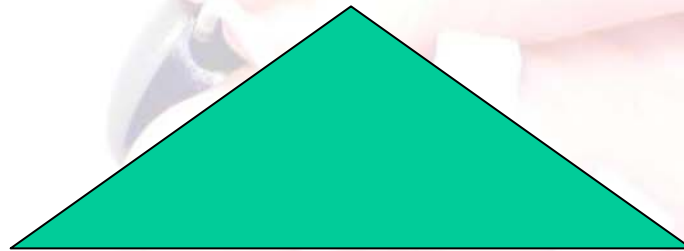


Innovation

How we manage anaesthesia today

Hypnotics

Current Standard: **Bispectral Index (BIS), Aspect, and Entropy, GE.**



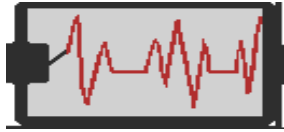
Analgesia

Current Standard:
None

Muscle relaxation

Current Standard: **Tof-guard**

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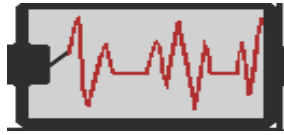


Innovation

The Solution – Pain Detector

- Applies proven technology to the pain management problem
- Improves sensitivity and response time
- Quantification of pain levels
- Robust technology, user friendly, 510(k)
- Establishes universal standard and reference method for pain management

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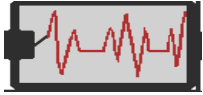


Innovation

The Problem

- Pain is difficult to manage under anesthesia
 - Standard protocol is to over anesthetize patients
 - Slower recovery time, respiratory stress, nausea, increased hospitalization, more medication
- 1% of anesthetized patients experience pain during surgical procedure
 - Causes post traumatic stress syndrome
 - Psychiatric treatment needed

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Innovation

The Pain Detector - How it works

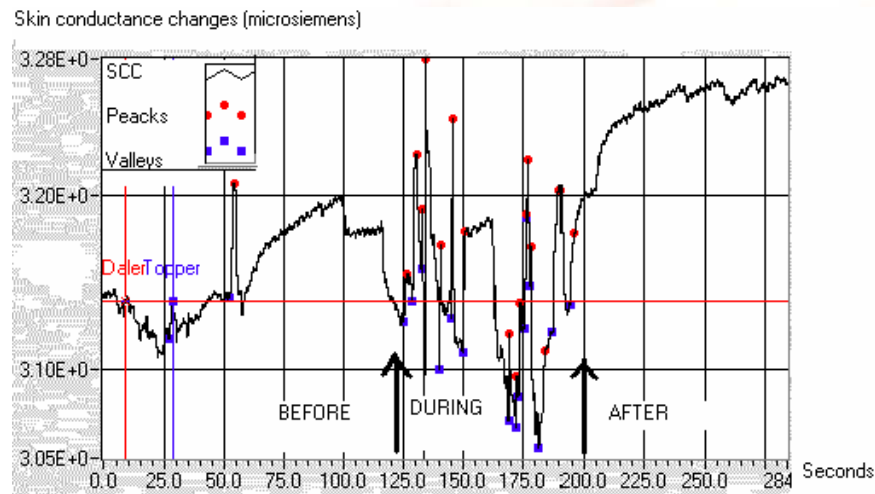
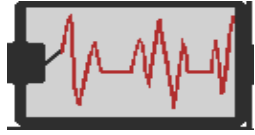


Photo: A preterm infant (week 29)

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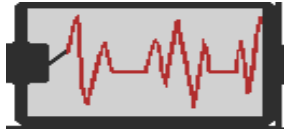


Innovation

The Market for the Pain Detector

- 95 million patients world wide require sedation yearly (50 mill. in US; Japan and Europe)
- Complementary technology from Aspect MS. They have delivered 25,000 monitors BIS™, monitors to the market. Sale of electrodes are their best income (www.aspectms.com)

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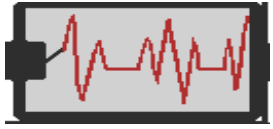
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Business Model

Business model is dictates:

- Monitoring systems for tailoring medication
- Disposable electrodes

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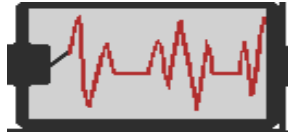


Innovation

Pain Detector - Clinical Acceptance

- Pain Detector has been suggested for pain management in Neonates by Neonatal Pain Control Group US (2006)
- We have clinical documentation from Europe and Australia. (Med-Storm equipment has been applied in about 2000 patients that up to day has resulted in 15 publications)
- Key opinion leaders in US, Europe and Australia endorse Pain Detector

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Management

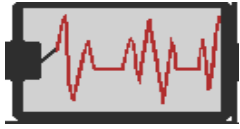
- Company is 100% owned by the employees
- Multi disciplinary team:

R&D: Hanne Storm, MD, Phd

System design: Asbjorn Fremming, MSc

Business Development: Jens Gran, MSc, MBA

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Innovation

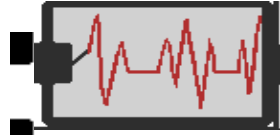
Other Applications for pain monitoring

- Preterm infants: 125.000 pts annually
- Respirators (intensive care): 150.000 pts annually
- Postoperative pain: 95 million pts annually
- Monitoring chronic pain: 200 million pts yearly
- Diagnosing objectively chronic pain: 10 million pts annually
- Veterinary medicine: 5 mill pets in US that is anesthetized annually

Measure for awakening

- In addition to controlling pain, the signals from the Pain Detector may be treated in a new way and then also awakening or the need for hypnotics may be monitored.

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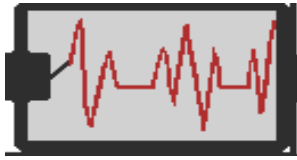
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Value Proposition

Pain Detector is the only system available to handle pain/surgical stress and awakening during anesthesia

Pain Detector reduces post operative hospitalization and lower risk for complications

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Contact

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