

**Instructions video -about the New Sensory Rooms**

## NEW SENSORY DELIVERY ROOMS IN NORDIC DESIGN

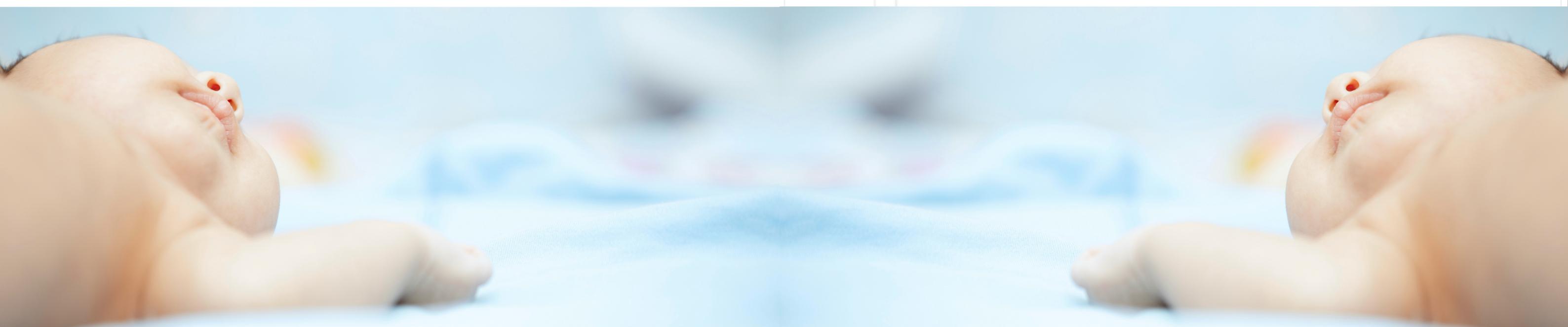
### Bringing Nature into the Delivery Room

Evidence-Based Lighting and Audiovisual soundscapes Integration

#### THEMES FOREST & THE SEA

Developed to create a positive stimulating environment, with calming and life-affirming inspiration for both the woman giving birth, relatives and staff.

10 new sensory delivery rooms are installed in 2024/25 in Denmark - 10 more in 2026



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#### MusiCure in Healthcare ApS

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## CHROMA ZENIT CIRCADIAN LIGHT

Chromaviso has worked professionally with lighting design throughout the healthcare sector in Denmark and Scandinavia for many years, and through numerous research projects has gained great expertise in the use of light in delivery rooms.



### Research in lighting during birth has shown:

- Melatonin and oxytocin combined produces a more effective labor process
- Oxytocin is released in a safe, secure, and confidence-inducing environment
- Birth environment room staff recommends bringing nature into the room to reduce stress
- Giving birth in special lighting conditions significantly reduces the risk of caesarean deliveries

### The control panel

Activation and adjustment of all lighting, sound programs and film viewing functions can be controlled around the clock from one common control panel, installed in each delivery room. Individual solutions for screens or projector mounts in the ceiling, can be tailored to meet specific needs.



## DESIGNED SOUNDSCAPES AND FILMS

### Bring in light and nature

The birth delivery rooms are designed as one comprehensive professional solution, with evidence-based lighting, originally composed music, combined with sound atmospheres from nature - either as pure sound or films with nature motifs.

### The daily rhythm in light, sound and nature

The purpose is to be discreetly present and create a life affirming and inspiring atmosphere that follows the natural rhythm of the day. At night, a special 8-hour night/sleep program can be activated.



All delivery room designs are carefully coordinated with colors, lighting, sound and furniture, as well as images or films with nature atmospheres, following different themes. The facility includes both delivery and living rooms, as well as related Gynecological and Obstetric treatment rooms and fertility clinics.

### MusiCure background

Composer Niels Eje created MusiCure and the entire 24-hour program together with producer Inge Eje. More than 20 years of development and results from International research projects, published in 35 articles in international medical journals, have formed the basis for the creation of MusiCure.

## EXAMPLES OF PUBLISHED RESEARCH RESULTS WITH MUSICURE IN RELATION TO MATERNITY WARDS

### Increased release of oxytocin hormone in the body

Soothing music can increase oxytocin levels during bed rest after open-heart surgery a randomized control trial - Journal of Clinical Nursing, Ulrica Nilsson Assisting Professor, RNA and PhD at the Centre for Health Care Sciences at Örebro University Sweden

### Markedly reduced feeling of stress

The effect of music intervention in stress response to cardiac surgery in a randomized clinical trial. Heart & Lung – The journal of Acute and Critical Care, Ulrica Nilsson Assisting Professor, RNA and PhD at the Centre for Health Care Sciences at Örebro University Sweden

### Reduction of anxiety and pain

Music interventions in patients during coronary angiographic procedures: A randomized controlled study of the effect on patients' anxiety and well-being European Journal of Cardiovascular Nursing, Birgit P. Weeks, Northwest Hospital & Medical Centre, Seattle, Washington, USA

MORNING



NOON



EVENING



NIGHT

