



Elective c-section Procedure Finland perspective

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Perioperative nurse

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Statistics

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53 614 children born -> 99,7% born alive

99,5% of deliveries in Hospitals

Mean age of all parturients 30,7 years

Total c-section rate 16,4%

(5.8% emergency sections)

Significant complications 10%

Guidelines

- Antibiotic prophylaxis 20-60 min before incision
- Fathers in OR
- WHO surgical check list
- Delayed cord cut, 60 sec on premature babies
- Early Skin contact in OR with mother or father

Surgical Team


- Operator, surgeon
- Scrub nurse
- Circulating nurse
- Anesthetist
- Nurse-anesthetist
- Midwife
- (Pediatrician when needed)

Theatre setup



Preparations

- Catheter (short term)
- Diathermy (optional)
- Sterile disposable incision section drapes
(energy recycling)
- 3min surgical hand disinfection
- 30° dergee table tilt
- Safety belt over thighs

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- Skin disinfection 80% etanol + red dye x3
 - Spontanius controlled cord traction
 - Oxytosin
 - Skin closure, single or continious sutures



Early skin-to-skin contact

- Right after birth
- After baby's vitals are checked
- Baby is dried
- Baby will be placed into mother's chest in skin-to-skin contact
- Father can also do skin-to-skin in OR



Key issues and ongoing challenges in the future

- Monitor c-section rates
- Minimize the risk of infections
- Increase safety
- Maintain high quality and training of staff

Photo: Brochure Welcome to give birth. Tampere university hospital





References

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