

Press release

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Basic information

Name: Mette Eline Brunbjerg
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Department of: Clinical Medicine

Main supervisor: Professor Tine Engberg Damsgaard

Title of dissertation: Biological and synthetic mesh in breast reconstructive surgery.

Date for defence: 13/11 2020 at (time of day): 14-16 Place: Auditorium C114-101, indgang C, C110, Aarhus Universitetshospital, Palle Juul-Jensens Boulevard 99, 8200 Aarhus N. samt via Zoom

Press release (Danish)

Biologisk og syntetisk mesh i brystrekonstruktive indgreb.

Brug af acellulær dermal matrix (ADM, biologisk mesh) ved brystrekonstruktive indgreb kan medføre potentielle fordele for patienterne. Dette ønskes undersøgt og resultaterne er sammenfattet i et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Mette Eline Brunbjerg, der forsvarer det d. 13/11 2020.

Studie I og II undersøgte hvorvidt et-stadie bryst rekonstruktion med brug af ADM minimerer risikoen for komplikationer, nedbringer omkostninger og antal af kirurgiske indgreb og der foruden forbedrer resultatet vedrørende patient rapporterede effektmål og tilfredshed med det æstetiske resultat sammenlignet med den traditionelle to-stadie expander-til-implantat bryst rekonstruktion. Studie III undersøgte om brugen af ADM til forstærkning af det abdominale donorsted efter bryst rekonstruktion med den stilkede transverse rectus abdominis musculocutane (TRAM) lap resulterer i færre tilfælde af udbuling eller brok samt færre smerter og mindre ubehag sammenlignet med forstærkning af det abdominale donorsted med syntetisk mesh.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 13/11 2020 kl. 14 i Auditorium C114-101, indgang C, C110, Aarhus Universitetshospital, Palle Juul-Jensens Boulevard 99, 8200 Aarhus N. samt via Zoom. På grund af COVID-19 regler vedr. max. antal personer, som kan være i auditoriet, er fysisk deltagelse ved forsvaret kun muligt ved forhåndstilmelding til Professor Tine Engberg Damsgaard på tinemed@gmail.com. Titlen på projektet er "Biologisk og syntetisk mesh i brystrekonstruktive indgreb". Yderligere oplysninger: Ph.d.-studerende Mette Eline Brunbjerg, e-mail: metteeline.brunbjerg@gmail.com, tlf. 60601470.

Bedømmelsesudvalg:

Anders Bonde Jensen, MD, PhD, Professor (Formand for bedømmelsesudvalget og moderator ved forsvaret)

Kræftafdelingen,
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Lisbet Rosenkrantz Hölmich, MD, DMSc, Professor
Plastikkirurgisk afdeling,
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Emma Hansson, MD, PhD, Lektor
Plastikkirurgisk afdeling,
Sahlgrenska Universitetshospital, Göteborg, Sverige

Press release (English)

Biological and synthetic mesh in breast reconstructive surgery.

The use of acellular dermal matrix (ADM, biological mesh) in breast reconstructive procedures brings potential benefits to patients. This has been investigated and the results of the project will be presented and discussed at the defence. The project was carried out by Mette Eline Brunbjerg, who is defending her dissertation on 13/11 2020.

Study I and II investigates whether ADM assisted one-stage implant-based breast reconstruction minimizes the risk of complications, costs, and surgical procedures and furthermore, improves the outcome evaluated by patient reported outcome measures (PROMs) and evaluation of the aesthetic result compared to the traditional two-stage expander-to-implant breast reconstruction. Study III investigates whether the use of ADM for reinforcement of the abdominal donor-site after breast reconstruction with the pedicled TRAM flap result in less bulging or herniation and decreased abdominal pain and discomfort compared to reinforcement with synthetic mesh.

The defence is public and takes place on 13/11 2020 at 14 in Auditorium C114-101, Entrance C, C110, Aarhus University Hospital, Palle Juul-Jensens Boulevard 99, 8200 Aarhus N. and online via Zoom. Due to COVID-19 restrictions regarding number of participants, physical participation in the defense is only possible by pre-registering with Professor Tine Engberg Damsgaard at tinemed@gmail.com. The title of the project is "Biological and synthetic mesh in breast reconstructive surgery". For more information, please contact PhD student Mette Eline Brunbjerg, email: metteeline.brunbjerg@gmail.com, Phone +45 60601470.

Assessment committee:

Anders Bonde Jensen, MD, PhD, Professor (Chairman of the Assessment Committee and moderator of the defence)

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