

## Press release

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### Basic information

Name: Tina Wang Vedelø      Email: [tinavede@rm.dk](mailto:tinavede@rm.dk) Phone: +45 7846 3403

Department of: Public Health

Main supervisor: Charlotte Delmar

Title of dissertation: "Exploring the needs of patients with malignant brain tumour - A Case Study of participating in an Integrated Brain Cancer Pathway"

Date for defence: 26<sup>th</sup> April 2018 at (time of day): 13.00 Place: Jeppe Vontillius Auditoriet (Building 1252, room 310), Aarhus University, Bartholins Allé 3, 8000 Aarhus C

Press release (Danish)

Udforskning af behov hos patienter med malign hjernetumor - Et case studie af at deltage i et integreret pakkeforløb for kræft i hjernen.

Patienters oplevelser og behov for information, kommunikation og støtte, når de gennemgår et pakkeforløb for kræft i hjernen, er fokus for et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Tina Wang Vedelø, der forsvare sin afhandling d. 26/4 2018.

Patienter, der bliver diagnosticeret med kræft i hjernen, oplever ofte, at tumoren og behandlingen påvirker hjernens funktioner. Tumoren kan dels medføre at trykket i hjernen stiger, men kan også forstyrre hjernens funktioner lokalt. Symptomerne kan være nedsat syn, hørelse, hukommelse eller koncentration, der påvirker patienternes evne til at kommunikere, forstå og huske den information, de modtager i det accelererede kræftpakkeforløb.

Formålet med studiet var at udvikle viden om patienters oplevelser og behov på hospitalet i forhold til information, kommunikation og støtte i den tidlige fase af pakkeforløb for kræft i hjernen. Via et longitudinelt case studie blev patienter fulgt gennem deres forløb på tværs af de involverede hospitalsafdelinger.

Resultaterne viser, at patienter med kræft i hjernen har meget komplekse plejebehov og oplever at være i en unik sårbar situation, hvor de kan have svært ved at bede om hjælp fra de sundhedsprofessionelle. Ligeledes viser studiet, at pakkeforløbets nuværende organisering kan lede til fragmenteret pleje og kommunikation. Den nye viden om patienternes perspektiv kan fremadrettet anvendes til at videreudvikle pakkeforløb for kræft i hjernen.

Forsvaret af ph.d.-projektet er offentligt og holdes på dansk. Det finder sted den 26/4 2018 kl. 13.00 i Jeppe Vontillius Auditoriet (Bygning 1252, lok. 310), Aarhus Universitet, Bartholins Allé 3, 8000 Aarhus C. Titlen på projektet er "Exploring the needs of patients with malignant brain tumour - A Case Study of participating in an Integrated Brain Cancer Pathway". Yderligere oplysninger: Ph.d.-studerende Tina Wang Vedelø, e-mail: [tinavede@rm.dk](mailto:tinavede@rm.dk), tlf. 7846 3403.

Bedømmelsesudvalg:

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Press release (English)

## "Exploring the needs of patients with malignant brain tumour - A Case Study of participating in an Integrated Brain Cancer Pathway"

The experiences and needs of patients regarding information, communication and support as they go through an Integrated Brain Cancer Pathway are investigated in a new PhD project from Aarhus University, Health. The project was carried out by Tina Wang Vedelø, who is defending her dissertation on 26<sup>th</sup> April 2018.

Patients who are being diagnosed with cancer in the brain may often experience that the tumour and treatment affects the brain function. The tumour may lead to an increased intracranial pressure but may also locally impact the brain function. The related symptoms may be impaired vision, hearing, memory or concentration influencing the patients' ability to communicate, understand and remember the information received in the accelerated cancer pathway.

The purpose of this study was to explore and develop knowledge about the patients' experiences and needs during their hospital stay, related to information, communication and support in the early phase of the brain cancer pathway.

Using a longitudinal case study design, patients were followed throughout their pathway across the involved hospital departments.

The findings reveal that patients suffering from cancer in the brain have very complex care needs and experience a particular state of vulnerability and may find it difficult to ask for help from the health care providers. Furthermore, the study showed how the organisation of the Integrated Brain Cancer Pathway may lead to fragmented care and communication. The new knowledge regarding the patient perspective may be used to further develop the Integrated Brain Cancer Pathway.

The defence is public, in Danish, and takes place on 26/04 2018 in Jeppe Vontillius Auditorium (Building 1252, room. 310), Aarhus University, Bartholins Allé 3, 8000 Aarhus C. The title of the project is "Exploring the needs of patients with malignant brain tumour - A Case Study of participating in an Integrated Brain Cancer Pathway". For more information, please contact PhD student Tina Wang Vedelø, email: tinavede@rm.dk, Phone +45 7846 3403.

Assessment committee:

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