

## Press release

Please fill in this form and return it to [graduateschoolhealth@au.dk](mailto:graduateschoolhealth@au.dk) in Word format along with a portrait photo in JPEG format, if you would like it to accompany your press release, no later than three weeks prior to your defence.

### Basic information

Name: Christian Andreas Hvid

Email: [chrhvi@rm.dk](mailto:chrhvi@rm.dk) Phone: 78466933

Department of: Clinical Medicine

Main supervisor: Cai Grau

Title of dissertation: Cone-beam CT based strategies for adaptive head and neck radiation therapy

Date for defence: 6/2/18 at (time of day): 14:00 Place: Nørrebrogade 44, 8000 Aarhus C, building 7, K auditorium

Press release (Danish)

Ph.d. forsvar

“Cone-beam CT based strategies for adaptive head and neck radiation therapy” er et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Christian Andreas Hvid, der forsvare det d. 6/2.

Projektet omhandler brugen af scanninger som billedvejledning under strålebehandling af kræft i struben og svælget. Strålebehandlingen kan medføre omfattende skader på spytkirtler og synkemuskulatur og projektet undersøger mulighederne for om scanninger undervejs i behandlingen har potentiale til at reducere disse bivirkninger. Forsvaret af ph.d.-projektet er offentligt og finder sted den 6/2 kl. 14 i kirurgisk auditorium, Aarhus Universitetshospital, Nørrebrogade 44, Aarhus. Yderligere oplysninger: Ph.d.-studerende Christian Andreas Hvid, e-mail: [chrhvi@rm.dk](mailto:chrhvi@rm.dk), tlf. 78466933.

Bedømmelsesudvalg: Professor Jan Alsner, Aarhus Universitet; professor Indrin Chetty, Henry Ford Hospital, Detroit; overlæge Jeppe Friberg, Rigshospitalet.

Press release (English)

Ph.d. defence

“Cone-beam CT based strategies for adaptive head and neck radiation therapy” is a new ph.d. project from Aarhus University, Health. The project was carried out by Christian Andreas Hvid, who is defending his dissertation on 6/2.

The project is regarding the use of scans as image guidance during radiation therapy of head and neck cancer. The radiation therapy can cause damage to salivatory glands and swallowing muscles. The project investigates whether scans performed during treatment has the potential to reduce these side effects. The defence is public and takes place on 6/2 at 2 pm in K auditorium, Aarhus University Hospital, Nørrebrogade 44, Aarhus. For more information, please contact PhD student Christian Andreas Hvid, email: [chrhvi](mailto:chrhvi), Phone +45 78466933.

Assessment committee: Professor Jan Alsner, Aarhus University; professor Indrin Chetty, Henry Ford Hospital, Detroit; consultant Jeppe Friberg, Rigshospitalet.

### Permission

By sending in this form:

- I hereby grant permission to publish the above Danish and English press releases as well as any submitted photo.
- I confirm that I have been informed that any applicable inventions shall be treated confidentially and shall under no circumstances whatsoever be published, presented or mentioned prior to submission of a patent application, and that I have an obligation to inform my head of department and the university's Patents Committee if I believe I have made an invention in connection with my work. I also confirm that I am not aware that publication violates any other possible holders of a copyright.