

PhD project: Treatment failure in squamous cell carcinoma of the anus (SCCA) – real-world data and biological features of recurrences

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Study 1: Locally advanced squamous cell carcinoma of the anus (LASCCA) treated with induction chemotherapy (ICT):

The national retrospective data collection on patients with LACCA treated with ICT consisting of cisplatin, ifosfamide and fluorouracil from 1998 to 2018 is completed. This study is part of a large retrospective data collection initiated by the Danish Anal Cancer Group (DACG). I am currently writing the manuscript with planned submission ultimo December 2020. The manuscript will present a population-based experience with LACCA treated with ICT.

Study 2: Mapping of recurrences:

The data collection on patients with recurrent SCCA is in progress. Mapping of the recurrences will start in the first part of 2020. Manuscript submission is planned for 2021.

Study 3: Tumor tissue analysis:

The protocol for the tissue analysis has been written and approved by the regional Ethics Committee. We are currently planning the collection of the tumor tissues and plan to start tissue analysis in the first part of 2021. Manuscript submission is planned for 2021.

Study 4: Investigating radiobiology in squamous cell carcinoma of the anus in tissue and patient derived xenografts (PDXs):

The PDX protocol has been written and approved by the regional Ethics Committee. We are currently planning the initiation of the study. The current Covid-19 situation has postponed the initiation but hopefully we can start inclusion of patients and establishing of PDXs in the beginning of 2021.

Activities in 2020:

I have presented my project in a flash talk at DCCC Radiotherapy's annual meeting and presented the status of my PhD project at the DACG fall meeting. I have submitted an abstract of my project to the PhD day 2021 at Aarhus University.

Planned activities for 2021:

Abstract submission for ESTRO 2021.