

Newsletter

Introduction

The international MOMENTUM study collects clinical and technical patient data of patients treated on the Unity MR-linac. The data is used for technical development and to facilitate evidenced-based implementation of MR-guided radiotherapy. In March we enrolled the 500th patient in the MOMENTUM study.

COVID-19 has changed our world in an unprecedented and unimaginable way. In the areas of patient care and research, priorities have shifted. We understand that MOMENTUM accruals and research activities in general may decline.

On the other hand, perhaps some of you, who are not directly involved in patient care, may have more "research" time and may wish to spend some of it working on MOMENTUM data. If so, the DMTF is at your disposal to attend to your data research requests and advise you on methodological issues. We wish you and your loved ones the very best during this crisis. **Stay healthy, stay strong!**

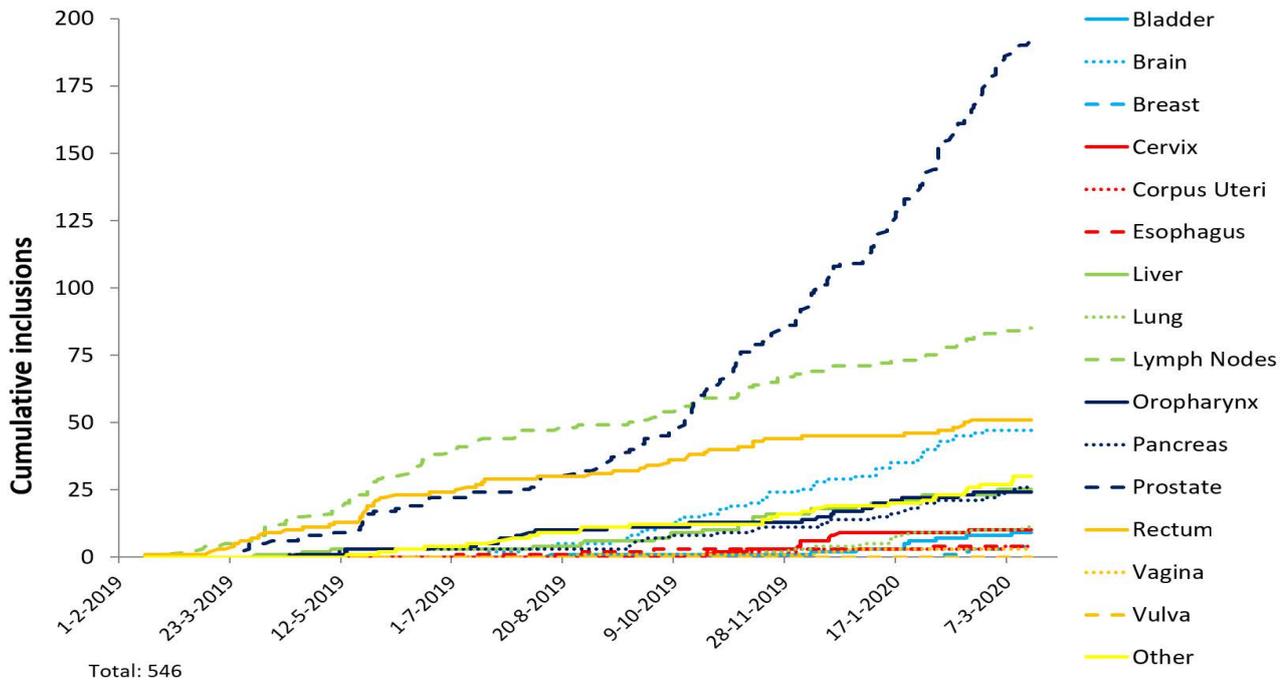
Over 500 patients enrolled in MOMENTUM:

Between February and October 2019, the study opened in all seven institutes exponentially increasing the accrual rate of the study. This month, 13 months after the initiation event, the study reached a 500-patient milestone.

In an interview Dr. Helena Verkooijen, Professor of Evaluation of Image-Guided Treatment at the University Medical Center (UMC) Utrecht and the Principal Investigator of MOMENTUM, explains the incentive of the MOMENTUM study.

For more information please visit: <http://www.lygature.org/news/momentum-study-reaches-500-patient-milestone>.

Recruitment per tumor site

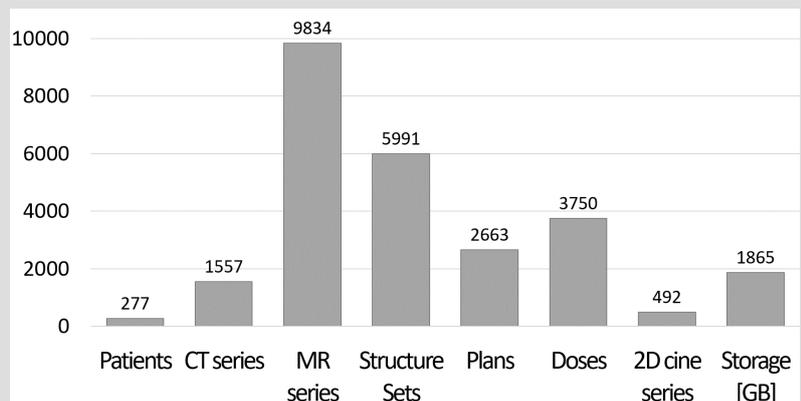


Technical database

Hafid Akhiat is Research Software Engineer at Elekta and has written this article about the technical database. Within MOMENTUM, technical patient data such as DICOM and non-DICOM data (motion management data, QA data, etc.) generated during treatment is collected and used to further develop the MR-Linac. The upload procedure of the technical patient data is tailored to the workflow of each MOMENTUM site. Six of the academic partners are all set and submitting data to the technical database (Microsoft Azure cloud). Within one month, the final site will also start data collection. We are currently working on a front-end of the database that allows researchers to search and request data.

Send an email to: momentum@lygature.org for more information on the technical database

Overview of uploaded technical patient data



Technical data chart showing the number of patients accrued to date and the types of data that are currently available.

For more information on the MOMENTUM study visit the SharePoint website or send an email to momentum@lygature.org

