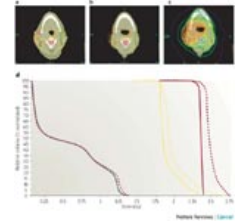


Newsletter ROCOCO

number 2, September 2008

In Silico clinical trial in lung, prostate and head&neck cancer, comparing photons, protons and C-ion therapy treatment

- Maastricht Radiation Oncology (MAASTRO), GROW Research Institute, University Hospital Maastricht, The Netherlands.
- Deutsche Krebsforschungszentrum (DKFZ), Germany.
- Netherlands Cancer Institute (NKI), the Netherlands.
- University Medical Center Groningen (UMCG), the Netherlands.
- University Hospital Ghent (UHG), Belgium.
- University Hospital Aachen, Germany.
- Paul Scherrer Institute (PSI), Switzerland.
- Centre de Protontherapie d'Orsay (CPO), France.
- Massachusetts General Hospital and Harvard Medical School (MGH/HMS), USA.
- National Institute of Radiological Sciences (NIRS), Japan.



Agenda of 2nd review meeting is planned

The meeting is to be held on the side of the ESTRO 27 in Göteborg, Sweden.

Date : Tuesday September 16.
Room : R25
Time : 12.30 to 14.15 h
Lunch : Included

The Agenda of the meeting will be:

- Presentation of current status
- Discussion of MTA
- Discussion of preliminary results
- Reviewing project management and setting up project board
- Reflections and suggestions



Note also during ESTRO:

- **Oral presentation:** Tuesday 16th from 14:15 to 15:15, room H1-H2:

"International, multicentric In Silico clinical trial in lung, prostate and head&neck cancer, comparing photons, protons and C-ion therapy treatment: a multicentric planning study based on a reference dataset of patients: Evaluation of feasibility"

- **Poster presentation:** "Preliminary results of an international multi-modality in-silico trial for lung cancer"

Endorsements

The PTCOG has endorsed the project and the project proposal is made available on the PTCOG website <http://ptcog.web.psi.ch/news.html>.

Meanwhile, the ESTRO did not endorse the project on the basis that the project's aims are outside the ESTRO scope of interest. You can review this letter from ESTRO on the secured FTP site.

Developments on Ftp-site

The secured Ftp-site (<ftp.maastrro.nl>) is being populated with patient data. the data set for the lung patients was finalized on 12/06/2008.

Tumor site	Data set	IMRT	TP protons	TP C-ions
Lung	25	IP	12	0
Head & Neck	IP	IP	IP	0
Prostate	8	IP	0	0

IP= in progress

- All images on the ftp-site have to be converted to DiCom-RT
- In the field of communication, the abstracts, presentations and posters submitted in name of the project are also published on the FTP site ...

Concerning uploads to the ftp-site, please note: 

- Acceptable format of dose files is **DICOMRT**
- At least one **screen shot** is required per uploaded CT-data and dose file

Amendment to the protocol

The project protocol is adapted on July 13th 2008. The main points of the amendments are:

- Providing the publications which were used as basis for the delineation of the tumor, the nodes and critical structures of the lung patients
- 3DCRT will also be performed for the selected data set of lung patients at MAASTRO

News flash

The full application for the COST-grant, submitted on 01/08/08, has been selected for a presentation to the upcoming DC BMBS Meeting on **Monday 15 September 2009** in Palermo, Italy.

Contact:

Madelon Pijls-Johannesma, madelon.pijls@maastro.nl, +31 88 44 55 863