

PROGRAM

Wednesday, June 6

Time	Start	End	Title
------	-------	-----	-------

00.30	9.00 AM	9.30 AM	Registration & Coffee
-------	---------	---------	----------------------------------

OPENING

Chair: Aart van't Veld

00.10	9.30 AM	9.40 AM	Welcome and opening Hans Langendijk, UMCG
00.15	9.40 AM	9.55 AM	GPTC equipment and configuration Arturs Meijers, UMCG
00.05	9.55 AM	10.00 AM	Q&A

THE MODEL-BASED APPROACH

Chair: Christian Hammer

00.15	10.00 AM	10.15 AM	The model-based approach in routine clinical practice Hans Langendijk, UMCG
00.05	10.15 AM	10.20 AM	Q&A
00.15	10.20 AM	10.35 AM	Development and selection of NTCP-models for model-based selection Arjen van der Schaaf, UMCG
00.05	10.35 AM	10.40 AM	Q&A
00.15	10.40 AM	10.55 AM	NTCP-model enrichment using radiomics Marianna Sijtsema, UMCG
00.05	10.55 AM	11.00 AM	Q&A
00.30	11.00 AM	11.30 AM	Coffee break

PROTON THERAPY in CENTRAL NERVOUS SYSTEM TUMOURS

Chair: Miranda Kramer

00.25	11.30 AM	11.55 AM	KEYNOTE Proton therapy in brain tumors Helen Shih, MGH, Boston
00.05	11.55 AM	12.00 PM	Q&A
00.15	12.00 PM	12.15 PM	Radiobiological aspects of brain irradiation Lara Barazzuol, UMCG
00.05	12.15 PM	12.20 PM	Q&A
00.15	12.20 PM	12.35 PM	Physical aspects of CNS pencil beam scanning Roel Kierkels, UMCG
00.05	12.35 PM	12.40 PM	Q&A

01.00 12.40 PM 1.40 PM **Lunch break**

PROTON THERAPY IN THORACIC TUMOURS

Chair: Robin Wijsman

00.25	1.40 PM	2.05 PM	KEYNOTE Proton therapy in lung cancer Steve Hahn, MDA, Houston
00.05	2.05 PM	2.10 PM	Q&A
00.15	2.10 PM	2.25 PM	The potential role of protons to prevent cardiopulmonary toxicity Peter van Luijk, UMCG
00.05	2.25 PM	2.30 PM	Q&A
00.15	2.30 PM	2.45 PM	Proton therapy in esophageal cancer Kristel Muijs, UMCG
00.05	2.45 PM	2.50 PM	Q&A
00.15	2.50 PM	3.05 PM	Proton therapy in mediastinal lymphoma Anne Niezink, UMCG
00.05	3.05 PM	3.10 PM	Q&A
00.17	3.10 PM	3.27 PM	Motion mitigation in pencil beam scanning proton therapy of intrathoracic tumors Antje Knopf, UMCG

00.03 3.27 PM 3.30 PM Q&A

00.45 3.30 PM 4.15 PM Tea

PROTON THERAPY IN BREAST CANCER

Chair: John Maduro

00.25 4.15 PM 4.40 PM **KEYNOTE Proton therapy in breast cancer**
Shannon MacDonald, MGH, Boston

00.05 4.40 PM 4.45 PM Q&A

00.15 4.45 PM 5.00 PM **Radiation-induced cardiac toxicity in breast cancer patients**
Anne Crijns, UMCG

00.05 5.00 PM 5.05 PM Q&A

00.15 5.05 PM 5.20 PM **Physical aspects of breast cancer pencil beam scanning**
Estelle Batin/Erik Korevaar, MGH, Boston

00.05 5.20 PM 5.25 PM Q&A

Thursday, June 7

00.30 9.00 AM 9.30 AM Start of the day with coffee

PROTON THERAPY PHYSICS

Chair: Erik Korevaar

00.25 9.30 AM 9.55 AM **KEYNOTE New developments in proton therapy treatment planning**
Tony Lomax, PSI, Villigen

00.05 9.55 AM 10.00 AM Q&A

00.25 10.00 AM 10.25 AM **Smart data - The ART foundation**
Hanne Kooij, MGH, Boston

00.05 10.25 AM 10.30 AM Q&A

00.25 10.30 AM 10.55 AM **New developments in proton therapy technology**
Marco Schippers, PSI, Villigen

00.05 10.55 AM 11.00 AM Q&A

PROTON THERAPY IN PELVIC TUMOURS

Chair: Shafak Al-Uwini

00.15 11.00 AM 11.15 AM **IMPT in gynaecological cancer**
Charlotte Brouwer, UMCG

00.05 11.15 AM 11.20 AM Q&A

00.15 11.20 AM 11.35 AM **IMPT in prostate cancer**
Stefan Both, UMCG

00.05 11.35 AM 11.40 AM Q&A

PROTON THERAPY AND SYSTEMIC TREATMENT

Chair: Hans Langendijk

00.25 11.40 AM 12.05 PM **KEYNOTE Proton therapy and targeted agents**
Gillies McKenna, UoO, Oxford

00.05 12.05 PM 12.10 PM Q&A

01.00 12.10 PM 1.10 PM Lunch Break

PROTON THERAPY IN HEAD AND NECK TUMOURS

Chair: Anne van den Hoek

00.25	1.10 PM	1.35 PM	KEYNOTE Proton therapy in head and neck cancer Mischa Hoogeman, Erasmus MC, Rotterdam
00.05	1.35 PM	1.40 PM	Q&A
00.15	1.40 PM	1.55 PM	Adaptive IMPT in head and neck cancer at GPTC Dan Scandurra, UMCG
00.05	1.55 PM	2.00 PM	Q&A
00.15	2.00 PM	2.15 PM	The added value of IMPT in the prevention of radiation-induced xerostomia Roel Steenbakkers, UMCG
00.05	2.15 PM	2.20 PM	Q&A
00.15	2.20 PM	2.35 PM	What if protons are not enough?. Stem cell therapy Rob Coppes, UMCG
00.05	2.35 PM	2.40 PM	Q&A

PROTON THERAPY IN PAEDIATRIC PATIENTS

Chair: Mart Heesters

00.25	2.40 PM	3.05 PM	KEYNOTE Proton therapy in paediatric patients Anita Mahajan, Mayo Clinic, Rochester
00.05	3.05 PM	3.10 PM	Q&A
00.15	3.10 PM	3.25 PM	Organization of paediatric proton therapy at UMCG John Maduro, UMCG
00.05	3.25 PM	3.30 PM	Q&A
00.15	3.30 PM	3.45 PM	Craniospinal axis irradiation Hiske van der Weide, UMCG
00.05	3.45 PM	3.50 PM	Q&A

00.45 3.50 PM 4.35 PM Tea Break

FUTURE DIRECTIONS IN UMCG/GPTC

Chair: Marian Joëls

00.10	4.35 PM	4.45 PM	Introduction Session chair
00.10	4.45 PM	4.55 PM	The biological point of view Rob Coppes, UMCG
00.10	4.55 PM	5.05 PM	The role of KVI-CART Sytze Brandenburg, UMCG
00.10	5.05 PM	5.15 PM	The physics point of view Stefan Both, UMCG
00.10	5.15 PM	5.25 PM	The physicians point of view Hans Langendijk, UMCG

CLOSING REMARKS

00.05	5.25 PM	5.30 PM	Closing remarks Hans Langendijk
-------	---------	---------	---