



5th European Particle Therapy Network (EPTN) Meeting

Date: 9 April 2019

Time: 10.30-16.00

Venue: ESTRO Office

4th Floor

Meeting room: Monte Carlo

Rue Martin V, 40

1200 Brussels

Belgium

Agenda EPTN meeting Tuesday 9 April 2019	
09:30 -10:30	Welcome coffee/tea (on 3 rd Flr ESTRO office)
10.30 -10:40	Welcome remarks, updates, SOP (D. Weber, C. Grau, D. Georg)
10:40 -10:45	European particle therapy facilities opening 2018-2019 (D. Weber)
10:45 -12:30	Presentations from the work parties (10 min + 10 min discussion) <ul style="list-style-type: none"> • 10:45 WP1: Clinical including ParticleCare (E2RADIatE) (H. Langendijk) • 11:05 WP2: Dose Assessment, Quality Assurance, Dummy Runs, Technology Inventory (S. Safai) • 11:25 WP3: Education (M. Høyer and M. Schwarz) • 11:45 WP4: Image-Guidance in Particle Therapy (A. Hoffmann, A. Bolsi) • 12:05 WP5: TPS in Particle Therapy (H. Nyström)
12:30 -13:15	Lunch (on 3 rd Flr ESTRO office)
13:15 -14:00	Presentations from the work parties (10 min + 10 min discussion) <ul style="list-style-type: none"> • 13:15 WP6: Radiobiology, RBE (B. S. Sørensen) • 13:35 WP7: Health Economy (Y. Lievens)
14:00 -14:45	Ongoing and planned phase II-III particle therapy trials in Europe – potential collaborations and role of EPTN? (All)
14:45 -15:00	INSPIRE EU-project (K. Kirkby)
15:00 -15:10	Proton Therapy DG Santé EU commission subgroup (D. Weber, C. Grau)
15 :10-15 :20	EPTN related activities at European meetings 2019 (All)
15:20 - 15:45	Future of EPTN – which direction and activities? Open discussion (All)
15:45 - 16:00	Wrap up, AOB, next meeting (D. Weber, C. Grau, D. Georg)
16:00	End of meeting

European particle therapy facilities opening 2018-2019

<https://www.christie.nhs.uk/services/i-to-q/protons/proton-beam-therapy-at-the-christie/>

<https://www.hollandptc.nl/en/>

<https://www.en.auh.dk/departments/the-danish-centre-for-particle-therapy/>

Center	When
Manchester-Christie	December 2018
Holland PTC	October 2018
Aarhus DK	January 2019

Proton Therapy DG Santé EU commission subgroup



EUROPEAN COMMISSION
DIRECTORATE-GENERAL FOR HEALTH AND FOOD SAFETY

Public health, country knowledge, crisis management
Health programme and chronic diseases

Luxembourg,
MT/kw

**AGENDA OF THE
MEETING OF THE SUB-GROUP ON PROTON THERAPY,
22 OCTOBER 2018, LUXEMBOURG, 10:00 – 17:00 H
BECH BUILDING, ROOM QUETELET**



EUROPEAN COMMISSION
DIRECTORATE-GENERAL FOR HEALTH AND FOOD SAFETY

Public health, country knowledge, crisis management
Health programme and chronic diseases

1. Introduction (by the Commission and the European Investment Bank)
2. Tour de table
3. Update on the mapping and fact finding exercise (Commission and EIB)
4. Discussion of available evidence (presentation by selected Member States)
5. Next Steps

Conclusions



EUROPEAN COMMISSION
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Public health, country knowledge, crisis management
Health programme and chronic diseases

- Revisiting the EIB's priority questions it was discussed how the expertise shared during the day helped to provide more clarity, also on key challenges and existing knowledge gaps.
- International collaboration is essential given the still very limited number of patients, and it could be recommended that all new proton therapy should contribute to reinforce the international knowledge base.
- The chair invited all participants to share any additional information and suggested how this could inform the **upcoming EIB study**. Once the terms of reference for this study are defined the subgroup members will be invited to contribute comments and additional expertise.
- It is envisaged that then the draft report will be shared for further comments and clarifications. The report will be discussed at a second meeting of the subgroup –most likely in the second trimester of 2019

Standard Operating Procedure EPTN-ESTRO

- The European Particle Therapy Network (EPTN) was established in 2015 in response to the anticipated increase in the number of particle therapy (PT) centres in Europe. EPTN became a task force of ESTRO in 2017. The time frame for the task force is expected to be 6-8 years.
- *Mission:* EPTN will facilitate cooperation among European PT centres and the radiation oncology community, with the aim to integrate particle therapy centres (i.e. protons and carbons) in the framework of ESTRO and clinical research networks.
- *Vision:* All European PT centres collaborate in the EPTN and the activities are completely integrated in the general radiotherapy community and aligned with general developments in cancer research and patient care.

SOP - Organisation

- EPTN activities are open for all professionals interested in PT, and there is no formal membership. All professionals should be a member of ESTRO.
- The *EPTN chairs* are responsible for the overall progress of EPTN. The chairs of the EPTN are appointed by the Board of ESTRO. The chairs lead the day-to-day activities of the network, organize the annual meeting, represent EPTN in the ESTRO governance, report to the ESTRO Board on an annual basis, and represent EPTN in external matters pertaining to the network.
- EPTN is organised in a number of *Working Parties (WP)*, each with a specific topic. The products of a WP may include trials, guidelines, white papers, surveys, workshops, courses, etc.
- Each WP has one or more *WP-leaders*, who are responsible for the progress of the WP. The WP-leaders report to the EPTN chairs at regular intervals, either through email or web meetings. They also report at the annual EPTN meeting and publish the summary of discussion in the ESTRO newsletter as part of the EPTN report.
- Invitations to participate in the work of the WPs are sent out broadly, and persons interested to participate in specific tasks are encouraged to contact the relevant WP-leader(s). Each WP thus maintains a contact list of collaborators and ensures to maintain an updated copy at the ESTRO office.
- WPs planning on developing or writing guidelines should first contact the ESTRO ACROP committee (Advisory Committee on Radiation Oncology Practice) responsible for guidelines developed in ESTRO. The procedure for submitting a proposal for guidelines to ACROP can be found at the ESTRO website.

SOP – Annual meeting and budget

Annual meeting

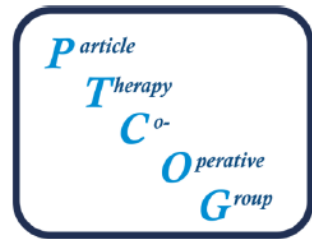
- The EPTN organises a one-day annual meeting at a central location. The programme is developed by the EPTN chairs with the administrative support of ESTRO. WP leaders are invited and expected to report on the progress of their WPs. In addition, matters of general interest for the advance of PT in Europe can be discussed.
- Invitation to participate in the annual meeting of EPTN is sent out broadly, including ESTRO committees, PT centres in Europe, etc. based on a general contact list maintained at the ESTRO office. New contacts are added to the list as requested. The annual meeting is announced in the ESTRO calendar of events.
- Participation in the annual meeting is free but requires registration, organised by the ESTRO office. Cost of venue and catering is covered by the EPTN annual budget. Travel and accommodation costs are not covered.

EPTN budget

- The EPTN as a task force is allocated an annual budget of 10k EUR by ESTRO, to facilitate its activities: EPTN annual meeting and meetings of the WPs, i.e. each work WP is allocated about 1k EUR/year to support its activities. Expenses must be discussed with and approved by the coordinator of EPTN at the ESTRO office first.

EPTN :: PTCOG

- MoU signed ESTRO/EPTN and PTCOG (2018)
- Discussion with PTCOG to have a reciprocal representation at meetings (2019)



MEMORANDUM OF UNDERSTANDING

Between

ESTRO - European Society for Radiotherapy and Oncology
ESTRO Task Force - European Particle Therapy Network (ESTRO EPTN TF)
Rue Martin V, 40, 1200 Brussels, Belgium

And

Particle Therapy Co-Operative Group (PTCOG)
Paul Scherrer Institute, CH 5232 Villigen, Switzerland

Future of EPTN – which direction and activities?

Future Scenario

- Dissolve when we have achieved the predefined goals
 - Surveys, papers, networks
 - Integration in radiation oncology (ESTRO)
 - E²RADlatE data registry and potential trial infrastructure (EORTC)
- Identify and embark on new goals and tasks
 - Clinical collaboration (patient referral, staff exchange, QA, accreditation...)
 - Clinical trials consortia (outside EORTC)
 - EU projects
 - Scientific meetings, education, courses
 - Lobbying and PR



Future of EPTN – which direction and activities?

Future activities (Physicist's view)

- Dosimetric audits
 - Methodological developments (phantoms, detectors, procedures, instruction and reporting forms,)
 - Treatment sites considered in WP1
 - First 3D then move towards 4D
- Contributions to WP6
 - Standardization of phantoms (?) and procedures (e.g. facilitate MC simulations)
 - Micro-dosimetric aspects – see recent Papers in MedPhys (e.g. “link/connect” PhD students of different centers,)
 - Aim for a more comprehensive physics description of beams/beam lines for RB research

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