

ANNUAL REPORT 2021

The Nordic Association for Clinical Physics (NACP) was founded in 1962. The last and final general assembly of the NACP was held on June 10th 2004. At this meeting the NACP was reorganised, got a new constitution, and since then the NACP is an umbrella organisation for the five Nordic Medical physics societies.

According to the constitution, the Annual Report shall be prepared by the president, approved by the council and sent to the presidents of the national member organisations (NMO). This Annual Report includes the year 2021, and was approved after the 2nd council meeting in 2021.

Aims and purposes of the NACP

- a) To foster and co-ordinate the activities of the Nordic member organisations in the field of clinical physics in all its aspects.
- b) To establish relationships and collaboration where appropriate with national, regional and international societies and bodies in the fields related to clinical physics.
- c) To improve the standard of clinical physics activities within the Nordic countries.
- d) To promote Nordic co-operation within the field of clinical physics in scientific work, developments and education.
- e) To promote the exchange of scientific information on clinical physics and related fields of science.
- f) To recommend standards for education, training and accreditation programmes within the fields of clinical physics.
- g) To encourage scholarships and the exchange of scientific experts within appropriate fields.

The NACP strategy

The council has decided to establish a structure for the organisation based on need and simplicity. This means we will not start any activity without explaining why this activity is within the aims and purposes for the NACP. It also means we will try to make a “self-driven” organisation where the council plan, organise and make decisions and where task groups do most of the scientific and practical work. We will work towards making a solid foundation for a prosperous Nordic Association for Clinical Physics.

NACP

Nordic Association for Clinical Physics

An umbrella organisation for: Danish Society for Medical Physics • Finnish Association of Medical Physicists • Icelandic Society of Medical Physicists • Norwegian Association of Medical Physics • Swedish Society of Radiation Physics

The council of the NACP:

Asger Greval (Denmark) resigned from the council after the NACP Online Symposium. After rotation of the council in April 2021 the members of the council were:

President:	Anders Tingberg	Swedish Society for Radiation Physics
Secretary:	Anders Frodo S. Mikkelsen	Danish Society for Medical Physics
Treasurer:	Marianne Leirdal Stokkan	Norwegian Association of Medical Physics
Webmaster:	Toni Ihalainen	Finnish Association of Medical Physicists
Delegate:	Garðar Mýrdal	Icelandic Society of Medical Physicists

Asgar Greval will continue to oversee the NACP bank Account since moving the account between countries proved both difficult and expensive compared to the funds.

Work within the council:

The council had four meetings in 2021; in January, April, August and December. All meetings were online meetings.

The president prepared agendas for the meetings. The secretary took minutes. Approved minutes can be found on NACP web pages. The secretary also sent the minutes to the presidents of the NMOs.

It is important that each NMO will continue their responsibility to appoint delegates to the council.

In 2021 the council has worked on the following tasks:

- Organizing the 6th official NACP Symposium, intended to be in 2023 in Reykjavik
- Supporting the NACP Radiological Physics Committee
- Supporting the NACP Nuclear Medicine Committee
- Updating the website with past events
- Seek funding for Symposium travel grants
- Establishing new Funds with the Industry as alternative to the Elekta-NACP grant

Some results of this work can be seen by visiting the NACP website: www.nacp-nordisk.org

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Committees: Radiological Physics Committee, Nuclear Medicine Physics Committee, Scientific Committee

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NACP Symposium 2021 – Online edition

The council participated in discussions concerning the NACP 2021 symposium which was postponed due to COVID-19 and in the end held as an Online conference.

Grants

The NACP had initially established a cooperation with both Varian and Elekta in order to support clinically working physicists in the field of radiation therapy and to encourage research and development in the field. Elekta and Varian did not support the grant in 2021 and the NACP will look for other partners for a joint grant.

NACP Travel grants

No travel grants were announced in 2021. It was decided that the travel grants already awarded for the 2020 symposium (10 x € 500) will be valid for the postponed symposium. [It was later decided that the NACP council will pay the registration fee of the 2021 virtual symposium for those attendees that were originally entitled to the 2020 symposium travel grant.]

Scientific Committee

The members of the 2020 NACP Scientific Committee are listed in the table below

Field	Finland	Sweden	Norway	Denmark
Radiation therapy	Jan Seppälä	Joakim Medin	Turi Danielsen	Stine S. Korreman
Nuclear medicine	Mika Teräs	Sigrid Leide Svegborn	Marianne Leirdal Stokkan	Søren Baarsgaard Hansen (Secretary)
Radiology/MRI	Matti Hanni	Angelica Svalkvist	Daniel Aadnevik	Jesper Thygesen

The NACP Radiological Physics Committee (RPC)

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Hans-Erik Källman (Sweden) and Anne Catrine Martinsen (Norway) initiated the Radiological Physics Committee in 2009. The members in 2021 were:

Vilde Gandemo (Norway)
 Toroi Paula (Finland)
 Angelica Svalkvist (Sweden)
 Vacant (Denmark)

The Committee hosted an Online symposium series with subjects on QA and Patient Dosimetry in Radiology. The webinar series of 5 x 3 hours, organized twice a month from October to December 2021, and replacing originally planned NACP course on the same topic.

The committee held more than 12 meetings last year. The meetings were always held online and lasted between 1 and 2 hours. Due to the arrangement of the NACP webinar series 2020/21, the committee met more frequently last year than the previous year. The committee spent some time testing the EFOMPS webinar platform (Go To Webinar (GTW)) with presenters/speakers. CT team from Helsinki attended our meetings, as the Finland was the official host country of the NACP course 2020/21. The new committee held first meeting on 21st January 2022.

The NACP Nuclear Medicine Physics Committee (NMPC)

The NMPC was initiated in 2014. The members of the Committee in 2021 were:

Vacant, Denmark
 Pasi Korkola, Finland
 Jan Axelsson, Sweden
 Caroline Stokke, Norway

The level of activity of the committee has been low in 2021. To read more on the NMPC, visit their home pages linked from the NACP pages.

Establishing cooperation with scientific journals

Acta Oncologica sponsored the NACP 2017 Symposium in Oslo the same way as in Århus 2008, Uppsala 2011, and Turku 2014. Discussions for sponsoring the 2020 symposium were ongoing in

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2019-2020, but no agreement was made. However, an open access peer-reviewed journal MDPI Diagnostics will publish a special issue with selected papers of the 2021 symposium.

Website matters

We started updating past activities and protected Minutes and Annual Reports with member login.

Future strategies

The council continues to discuss the following strategies for the future:

- Initiation of a NACP dosimetry task group
- Co-operation with Acta Oncologica and Acta Radiologica
- Common job advertisement on the NACP web-pages
- Further development of the web pages
- Organisation of the 2023 Symposium and future symposia
- Supporting RPC and NMPC
- Discussion and improvement of medical physics staffing levels in the Nordic countries

Account

The NACP has a bank account in Nordjyske Bank, Denmark. The financial status by January 2022 was the following:

Bank account:	33.720,52 DKK
Varian NACP Grant:	3.266,24 DKK
Total balance:	36.986,76 DKK



Anders Tingberg
President 2021-2022

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