



April 19th 2018, Paris

DCCC | Danish Comprehensive Cancer Center

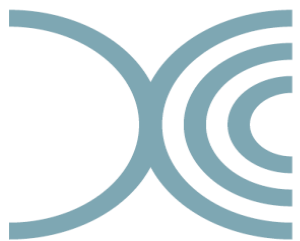
Cai Grau

Chair of DCCC Scientific Council

Professor Radiation Oncology,
Aarhus University Hospital

Research director,
Danish Center for Particle Therapy

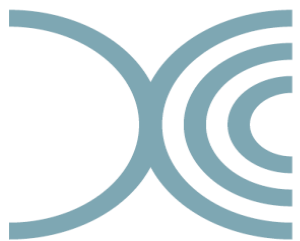




About Denmark and Danish cancer care

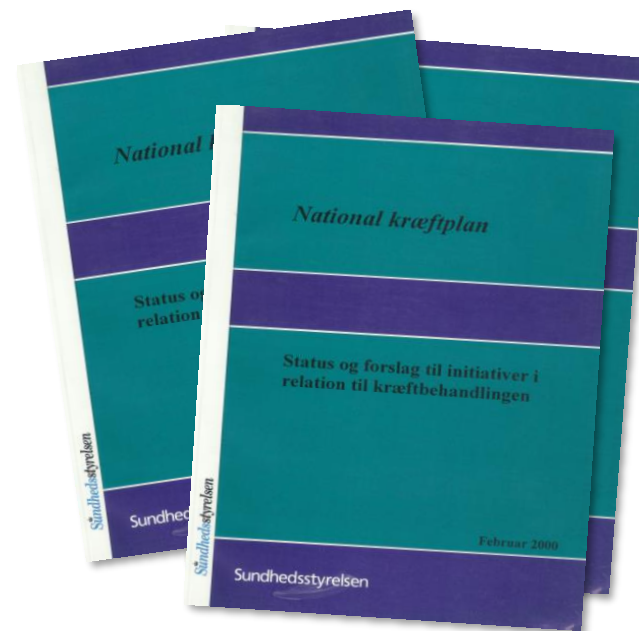


- Population of 5.7 million
- Public, tax-paid healthcare system, based on the principles of free and equal access to healthcare for all citizens
- Central government, five health care regions and 98 local municipalities
- Highly centralized cancer services e.g. cancer surgery, radiotherapy, based on volume requirements for each disease
- No private alternatives within the cancer area
- Digitized infrastructure (EPR, PACS, ..)



Danish National Cancer Plans I, II, III 2000-2005-2010

- Investments in radiotherapy
- Centralization of surgery
- Screening programmes
- Palliative care
- Fast track for diagnosis and treatment
- Follow-up and rehabilitation
-





Investment in infrastructure
radiotherapy, scanners and
staff etc. in DK 2000-2009:
EUR 400+ mill



Cancer Pathways introduced 2007

Example: Head and neck cancer

Arrival to first visit

6 days

First visit to diagnosis

15 days

Time to initial Surgery
Chem / RT

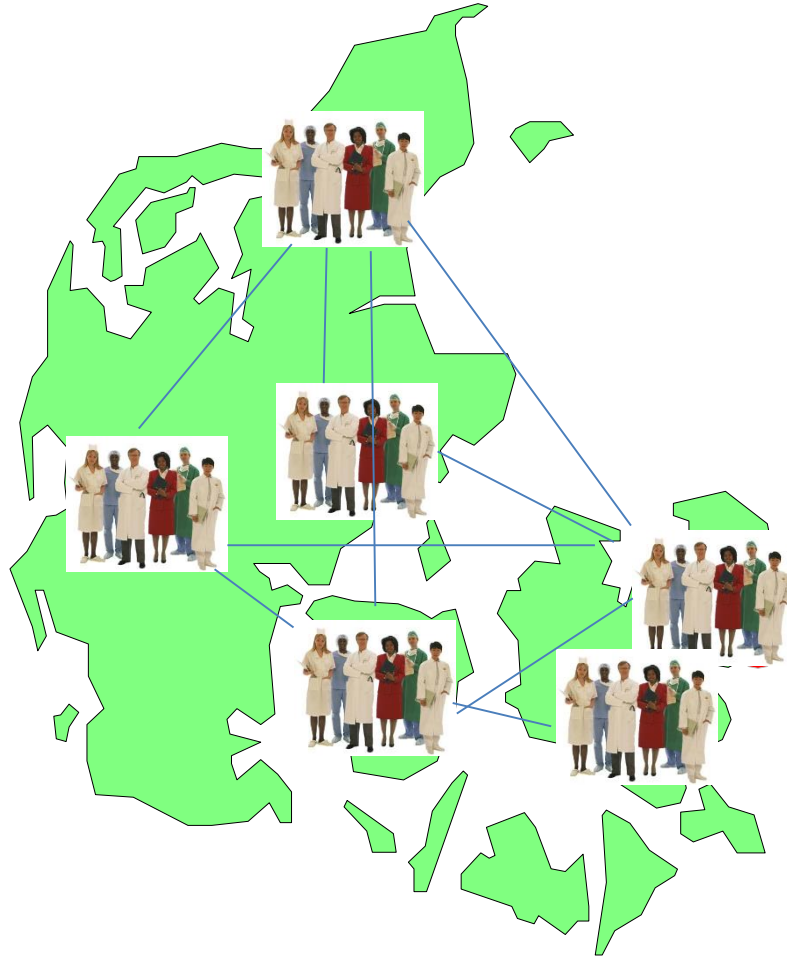
7 days
11 days

Time to initial Surgery
Chem / RT

28 days
32 days



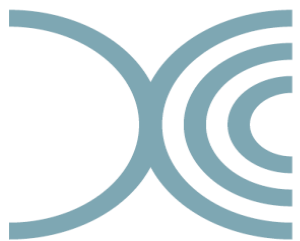
Danish Multidisciplinary Cancer Groups



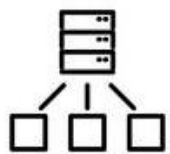
- Clinical guidelines
- National databases
- Biobanks
- Early warnings
- Research protocols
- International collaboration
- Quality assurance



<u>AKUT LEUK/EMIGRUPPEN (ALG)</u>	<u>DANISH BREAST CANCER COOPERATIVE GROUP (DBCg)</u>	<u>DANISH COLORECTAL CANCER GROUP (DCCG)</u>
<u>DANISH HEAD AND NECK CANCER GROUP (DAHANCA)</u>	<u>DANSK OKULÆR ONKOLOGI GRUPPE (DOOG)</u>	<u>DANSK ANAL CANCER GRUPPE</u> <small>Pt. ingen hjemmeside - nærmere følger</small>
<u>DANSK GYNÆKOLOGISK CANCER GRUPPE OG DATABASE (DGGC & DGGD)</u>	<u>DANSK LUNGE CANCER GRUPPE (DLCG)</u>	<u>DANSK LYMFOM GRUPPE (DLG)</u>
<u>DANSK MELANOM GRUPPE (DMG)</u>	<u>DANSK MYELOMATOSE STUDIEGRUPPE</u>	<u>DANSK NEUROONKOLOGISK GRUPPE (DNOG)</u>
<u>DANSK PANCREAS CANCER GRUPPE (DPCG)</u>	<u>DANSK PÆDIATRISK HÆMATOLOGI OG ONKOLOGI (DAPHO)</u>	<u>DANSK SARKOM GRUPPE</u>
<u>DANSK STUDIEGRUPPE FOR KRONISKE MYELOIDE SYGDOMME</u>	<u>DANSK UROLOGISK CANCER GRUPPE (DUCG)</u>	<u>ØVRE GASTROINTESTINAL CANCER (ØGC)</u>
	<u>DMCG-PAL</u>	



Other national infrastructures



National Clinical Quality Databases

- covering all cancer areas
- with epidemiology and biostatistician support.



Yearly national clinical audits

- in a collaboration with the Danish Multidisciplinary Cancer Groups.



The Danish Cancer Biobank

- a national cooperation between hospital departments handling tissue and blood samples from patients diagnosed with cancer



National Genome Centre (under development)

- a joint and coherent technological infrastructure

The Danish Health Care Quality Programme

NATIONAL OBJECTIVES: BETTER QUALITY, COHERENCE AND GEOGRAPHICAL EQUALITY IN HEALTHCARE



INDICATORS



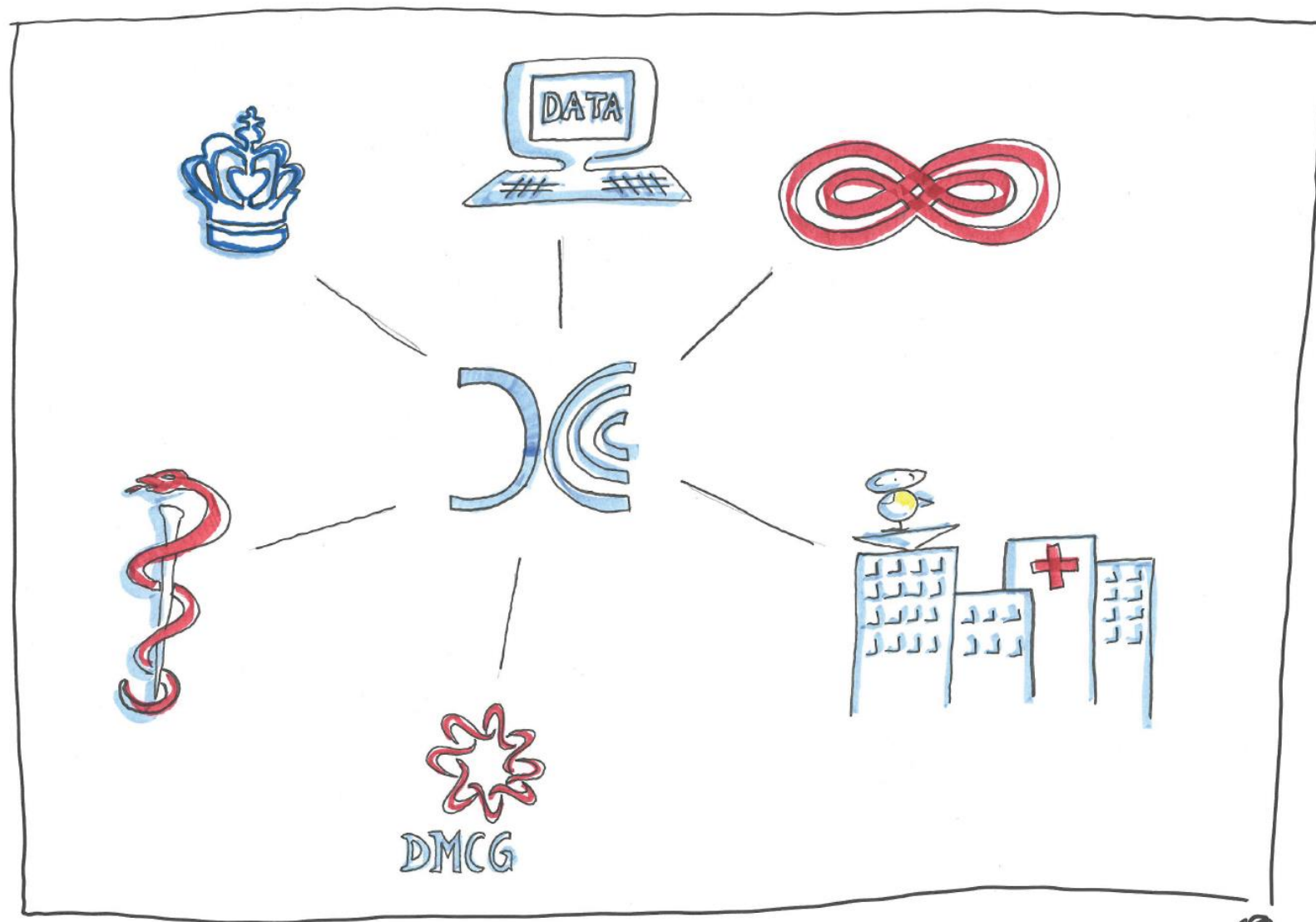
The new cancer plan IV - 2016

16 new initiatives to improve cancer management on a national level



Putting the patient at the center of care

Danish Comprehensive Cancer Center DCCC





Danish Comprehensive Cancer Center DCCC

A national, binding collaboration

- Involves all stakeholders: Ministry of Health, Danish Regions and hospitals, Danish Cancer Society, Danish Universities
- Aim is to create optimal conditions for Danish cancer research and treatment by promoting collaboration on a national level
- Utilizes existing research infrastructure at research institutions, universities and hospitals
- Creating a binding network integrating basic, translational, clinical research, epidemiology and clinics



The three main goals of DCCC

- Strengthen the national collaboration within the field of cancer
- Enable fast translation of research results into clinical practice
- Attract external research funding and clinical expertise



Strengthen national collaboration and coordination

- Between basic research, translational research, clinical research, epidemiology and daily clinical practice
- Give healthcare professionals within the field of cancer across Denmark, and across specialties and sectors, the possibility to use and exchange experience



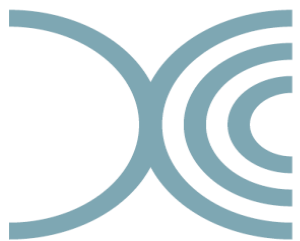
Fast translation of research results into clinical practice

- Support development and implementation of innovative and multidisciplinary research programmes
- Work to recruit a broad range of patients for research programmes by making it possible and easier for patients to participate in relevant research programmes, regardless of geography
- Enable fast access for patients to the latest treatment advances in cancer



Attract external research funding and clinical expertise

- Promote development of innovative and multidisciplinary research programmes as well as establish facilities to ensure prevention, diagnostics and treatment of cancer
- Establish an attractive clinical environment with focus on research, quality development, education and specialised staff training

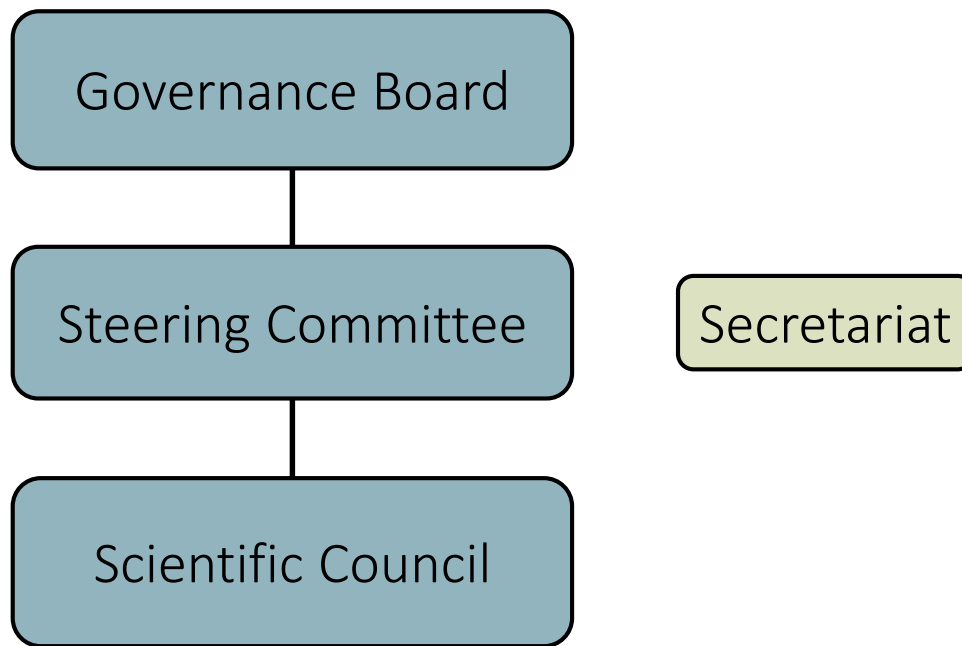


Governance

The health CEOs of the five regions

Heads and CEOs from University Hospitals, Universities, Danish Health Authority, DMCG.dk, Danish Cancer Society, patient representative

28 specialists (scientists and clinicians) within the field of cancer





National research centres

Established within strategic areas

Funded by grants from Danish Cancer Society and supported by the hospitals and universities

The purpose to strengthen Danish research and the accumulation of experience in the development and application of new knowledge in specific areas

Research centres established so far

National research centre - Immunotherapy

National research centre - Radiotherapy

National research centre – Survivorship and Late Adverse Effects



Support of projects and network

DCCC supports new developments with seed money (up to EUR 27.000 per project), to

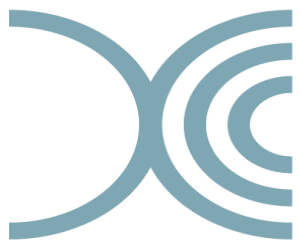
- prepare new national research projects
- develop new frameworks for national research centres
- establish of new multidisciplinary clinical networks and initiatives



DCCC – Danish Comprehensive Cancer Center and DMCG.dk

Danish Cancer Research Days

- First national attempt to bring scientists, clinicians, patients, politicians, media together in one large event, highlighting cancer research and treatment
- Odense August 30.-31. 2018



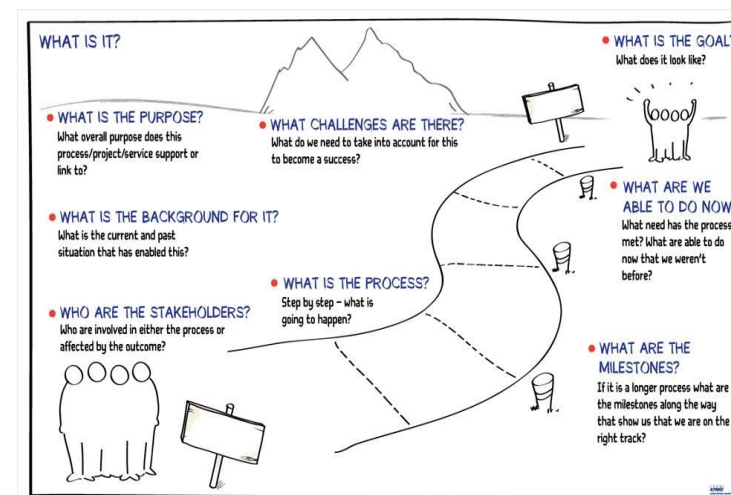
International collaboration and potential accreditation of DCCC

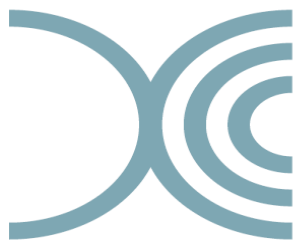
Accreditation is one of the defined tasks for DCCC

The process so far:

A committee has been formed to scan the international horizon and prepare the accreditation process

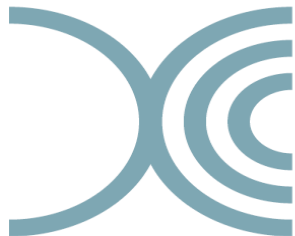
- What can we learn from other CCCs?
- What is the experience with accreditation of an entire country?
- Which accreditation organizations exist?
- Which organizations are relevant to DCCC?





Conclusions

- The Danish Cancer plans have since 2000 facilitated a strong multidisciplinary approach to cancer treatment, integrating surgery, radiation therapy and systemic therapy, with considerable investment in infrastructure, equipment and staff
- National multidisciplinary cancer groups, databases, biobanks, health care quality programs are in place
- The Danish Comprehensive Cancer Center is a new initiative, involving Ministry of Health, Danish Regions and hospitals, Danish Cancer Society, Danish Universities
- Aim is to create optimal conditions for Danish cancer research and treatment by promoting collaboration on a national level, in a binding network integrating basic, translational, clinical research, epidemiology and clinics
- DCCC is currently preparing for international accreditation as a comprehensive cancer center or network



www.DCCCCancer.dk



Danish Comprehensive Cancer Center

 Forside English A⁻ A⁺

Søg på hjemmesiden... 

OM DCCC SØG STØTTE PROJEKTER & NETVÆRK NYHEDER KALENDER

Du er her: **English**

Udskriv 

English

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In 2017, the Danish government, together with the public Danish hospital owners, the clinical cancer departments, the universities and the Danish Cancer Society, took the first and decisive step in establishing a National Comprehensive Cancer Center (DCCC) for cancer research and treatment, gathering management and professional capacities within cancer and healthcare in Denmark.

Organisation of DCCC



Danish Cancer Research Days



News and updates from DCCC



Følg DCCC



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Links

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