

Comprehensive Cancer Centers reaching out in networks, example of Frankfurt

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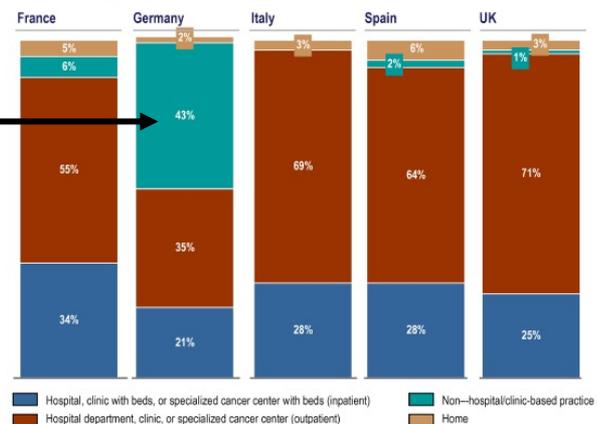
Fragmented German health care system:

- > 1000 Medical Oncologists in private practice in Germany:

Providers of Cancer Care Hospitals and Physicians

Germany

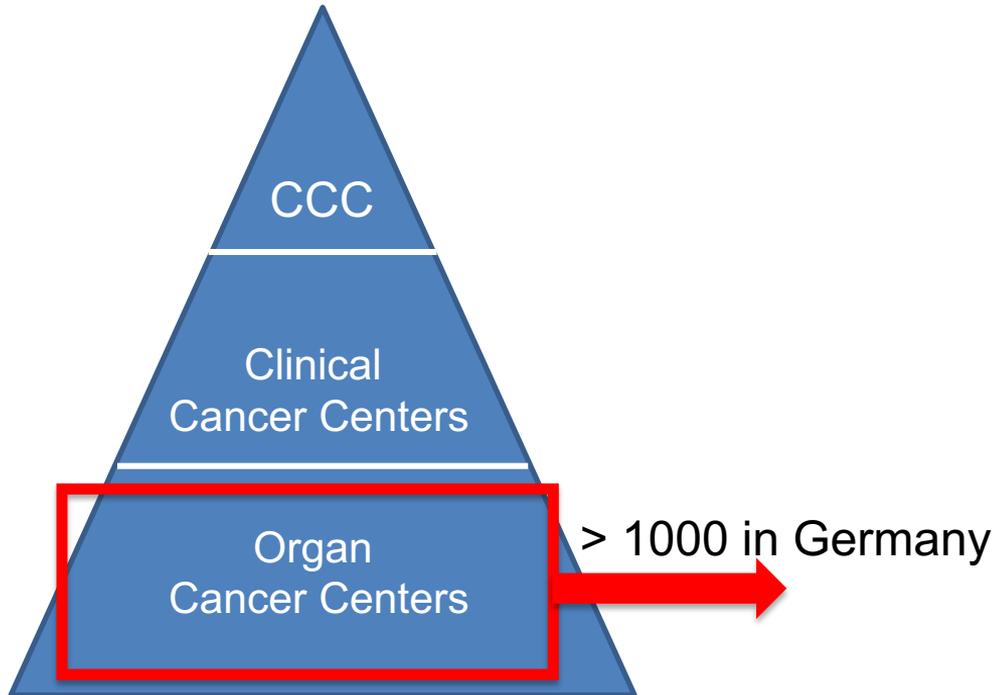
Chemotherapy Treatment Sites, 2007



Chemotherapy in private practice

- Approximately 40% of all chemotherapy is delivered in community medical offices
- Retail pharmacies mix injectable drugs and deliver these preparations to both community physicians and to local hospital outpatient facilities
- New sites of care include: MVZ, and Centers of Excellence for specific tumors (Breast and prostate Zentrum)
- Only accredited oncology providers can receive reimbursement for treating cancer patients (Onkologievereinbarung)

Multidisciplinary cancer care organization

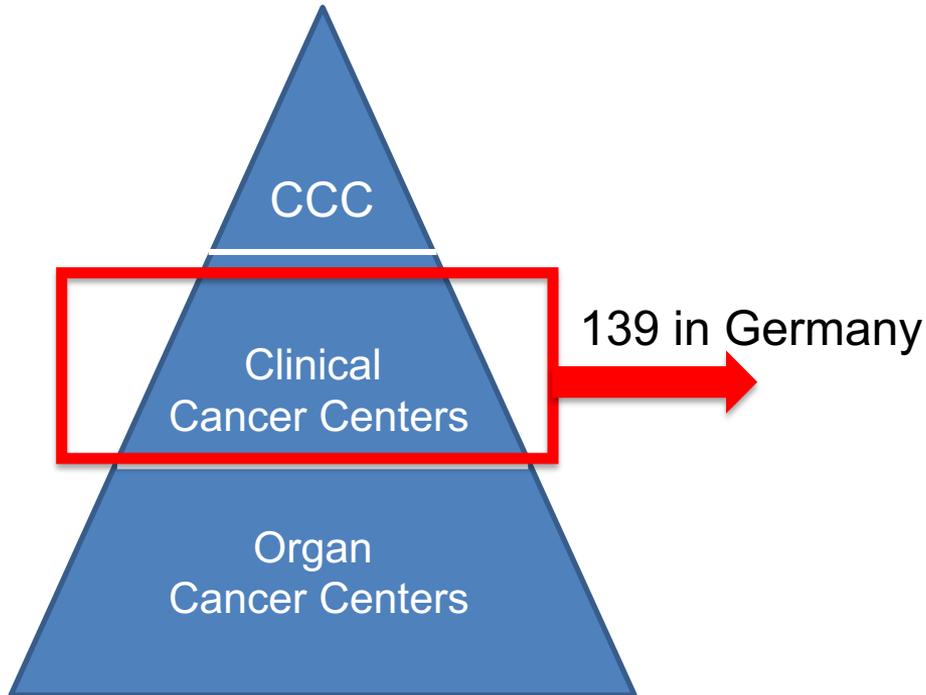


DKG
KREBSGESELLSCHAFT

Multidisciplinary Treatment units for

- Breast cancer
- Colon cancer
- H&N cancer
- Prostate cancer
- Skin cancer
- Hematological malignancies
- etc

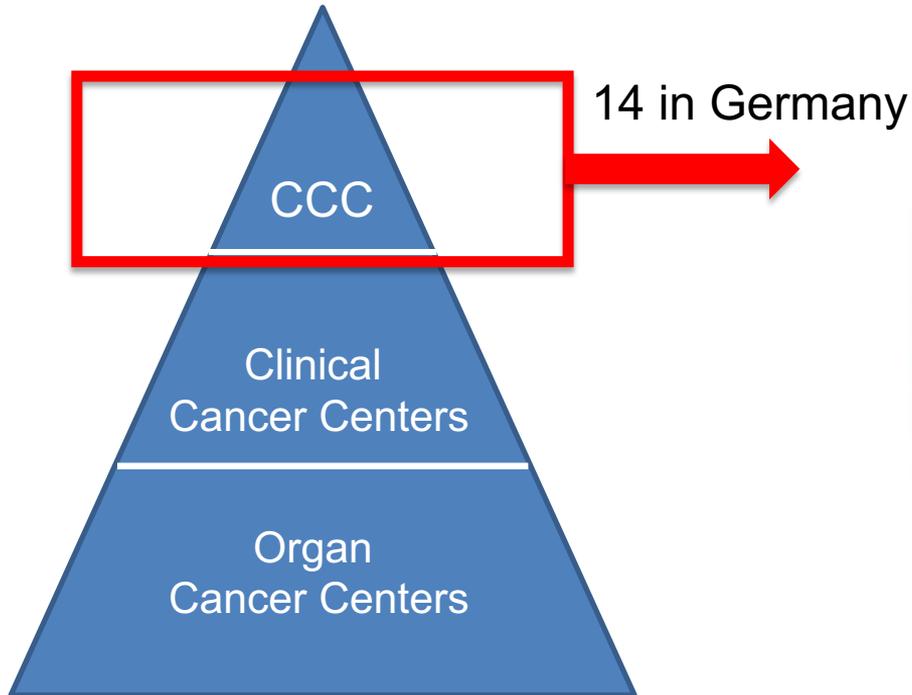
Multidisciplinary cancer care organization



Multidisciplinary
Cross-entity

www.oncomap.de

Multidisciplinary cancer care organization



Multidisciplinary cancer care organization

In all 14 CCCs:

- 90.000 newly diagnosed cancer patients / year
(18% of all newly diagnosed in Germany)

→ Smaller in comparison to large European centers



Multidisciplinary cancer care organization

Each CCC competes with Clinical Cancer Centers and Medical Oncologists in private practice:

- Stake holders with divergent interests
- Economic driving forces
- „cherry picking“ of certain patient groups

Challenges:

- Implementing Quality standards
- Recruitment into clinical trials
- Slows down implementation of innovation
-



Solution: is to work in networks

Regionally:

- As CCC Consortium
- with Clinical Cancer Centers & Medical Oncologists

Nationally:

- CCC-wide
- → Network of networks

Internationally



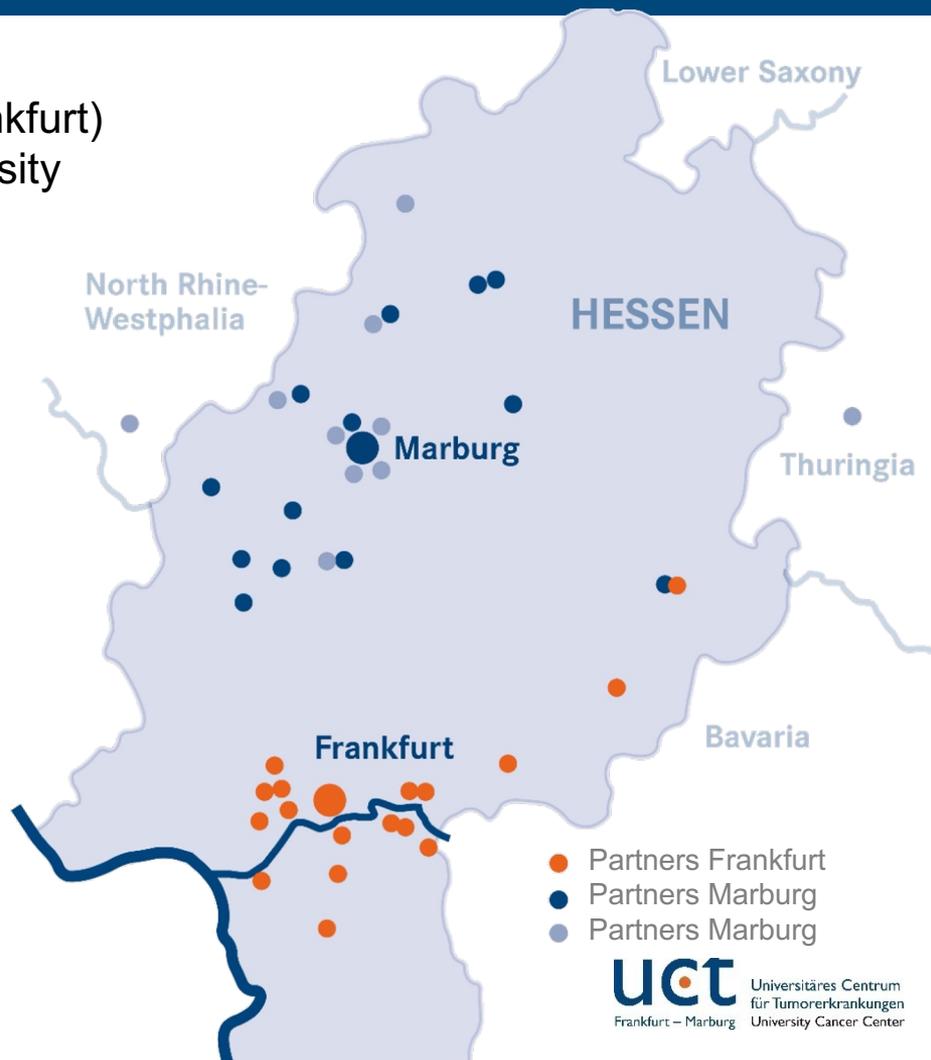
- University Cancer Center Frankfurt (UCT Frankfurt)
→ UCT Frankfurt-Marburg, spanning 2 University Hospitals

- 38 Cooperating hospitals
- > 100 Oncologists in private practice & general practitioners

Joint activities:

- Implementing **Quality standards**
- Recruitment into **clinical trials**
- Speed-up implementation of **innovation**
- **Education & training** program
- **Patient involvement** network: information → participation → partnership
- **Cancer prevention & early detection**

Goal: Patient outcomes

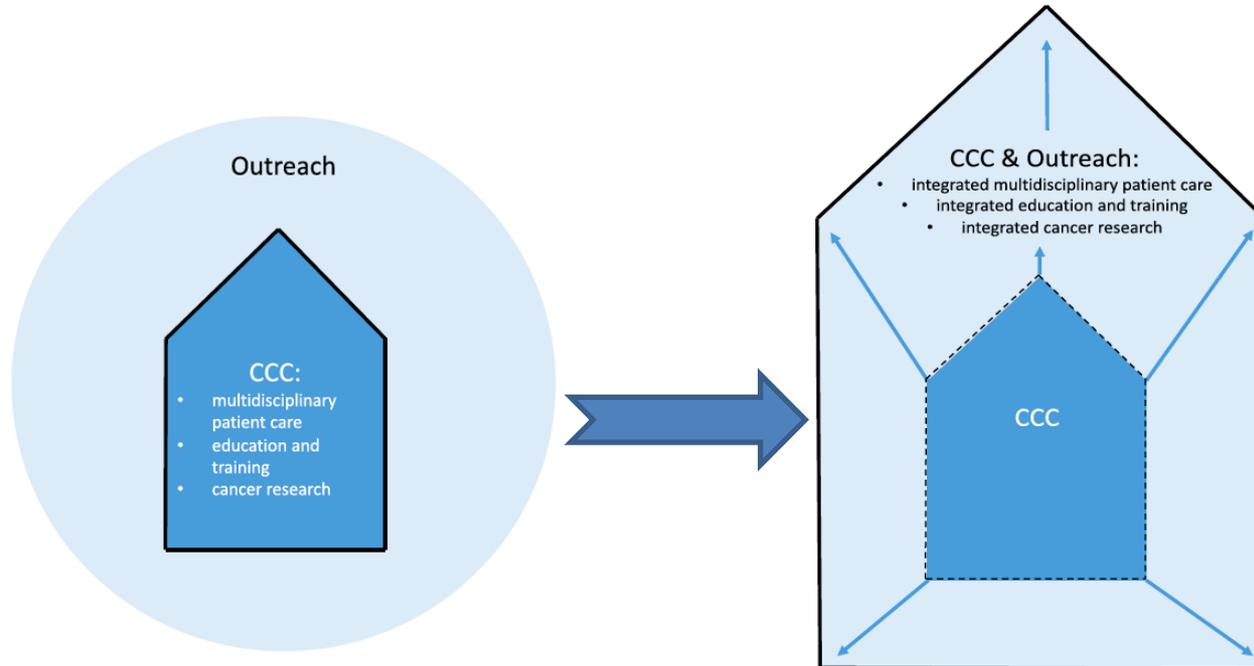


Frankfurt-Marburg Network

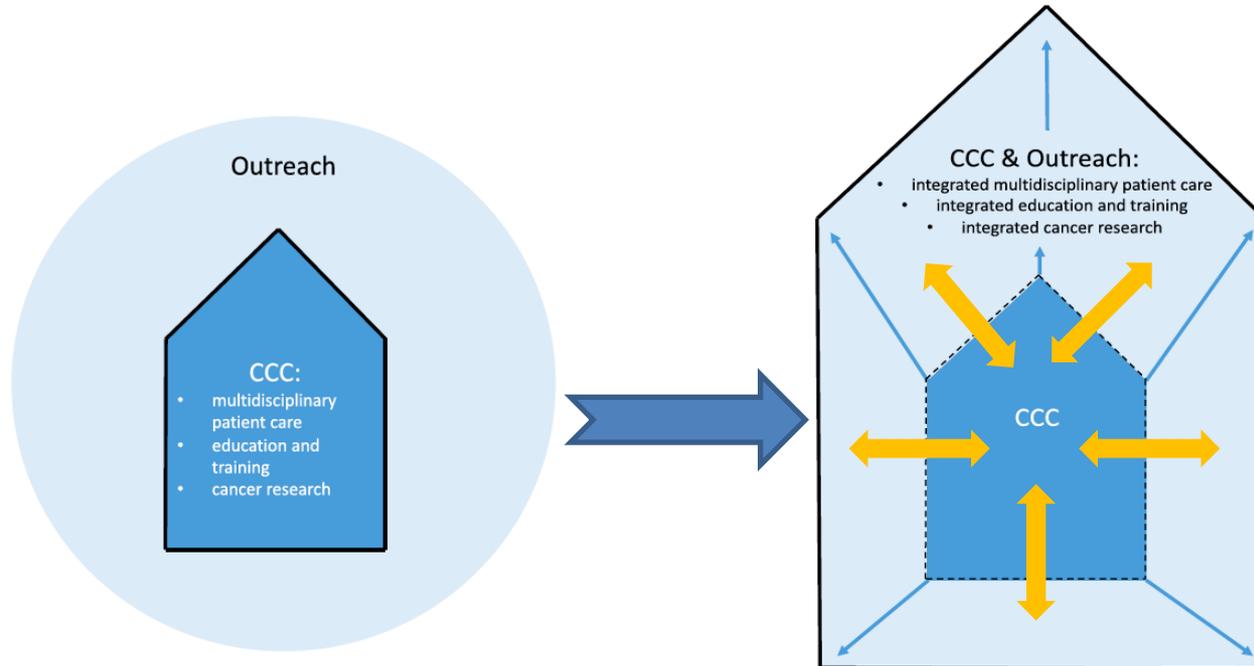
- 18 weekly **tumor boards** in hybrid format
 - > 11000 tumor board recommendations in 2021 (25% from network partners)
- **Palliative and supportive care**
- **Second opinion**
- **Molecular diagnostics** network („central testing, local treatment“)
- **Clinical trials** network
 - Molecular subgroups, investigator-initiated trials
- **Education & training** program
 - Medical doctors
 - Nursing
- **Patient involvement** network: information → participation → partnership
- **Cancer prevention & early detection**
- Development of **digital tools**

→ **Goal: Improve patient outcomes**

Fusing the CCC with the outreach



Fusing the CCC with the outreach



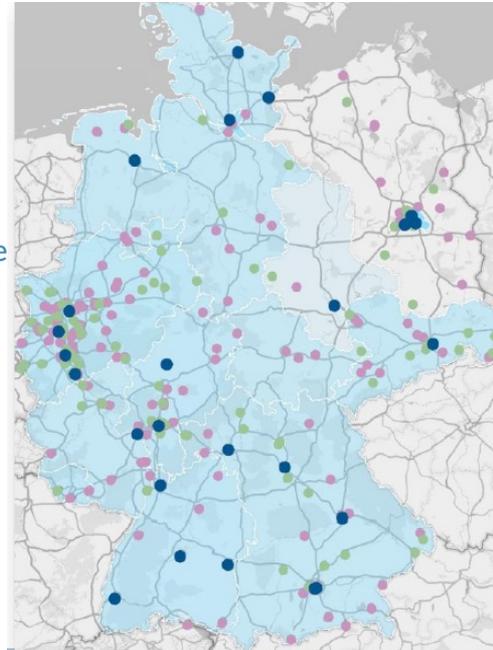
Example: National Network for Genomic Medicine / Lung Cancer

- Led and initiated: J. Wolf/ R. Büttner (Cologne)
- Nation-wide, academic quality-assured molecular diagnostics for lung cancer patients → 60% of all
- Molecular tumor boards for mutations of unclear significance
- Integration of clinical trials & treatment



nNGM

National Network
Genomic Medicine
Lung Cancer



- All 14 CCC (+7)
- 40 Medical oncologists
- 154 Hospital

Total of 294 network partners

Summary

- Regional Outreach & Networking are essential for CCCs
 - Implementing **Quality standards**
 - Recruitment into **clinical trials**
 - Speed-up implementation of **innovation**
 - **Education & training** program
 - **Patient involvement** network: information → participation → partnership
 - **Cancer prevention & early detection**
 - Goal: Patient outcomes

