

Bringing Care Home: Advancements in Home- Based Oncology Treatment Models – The Case of Sweden

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Sweden in a nutshell

- Population 10 mio
- Publicly funded healthcare
- Healthcare under the responsibility of 21 regions and 298 municipalities
- Five OEI accredited CCCs, one in progress and one new member
- CCCs treat two-thirds of the patients



Transitioning from in-patient → outpatient → home-based care



Necessary development to meet future demographic challenges

Cancer strategy calls for integration of home-based care models

- Advanced home-based care and mobile teams
- Hospital at home
- Cancer treatment outside of the hospital
- Cancer treatment at home





Advanced home-based care and mobile teams

- Advanced palliative care teams largely available
- Support with e.g. pumps, transfusions, antibiotics
- Access challenging in remote areas
- Variable access for children
- Strengthened collaboration with primary care and other home care



Advanced home-based care and mobile teams

- Mobile teams act as a link between primary care and specialized care – instead of hospital-based care or for a faster and secure direct evaluation, treatment and follow-up



Karlstad



Hospital at home

- Several countries have long-term experience, e.g. France, Spain, the UK and Australia
- Integrated part of the hospital, Karolinska@home
- Digi-physical in-patient care program combining a virtual hospital-based medical command centre and in-person ambulating medical services in Stockholm
- High quality of care and high patient satisfaction



Hospital at home

- <1% of Swedish inpatient care – potential is estimated to 10-25%
- Requires
 - guidelines and targets
 - digitalization and innovation
 - interoperative e-health systems
 - legal clearance
 - collaboration with all relevant partners
 - education and involvement from patients and staff





Cancer treatment outside of the hospital

- At the Uppsala CCC, part of cancer treatments have been moved to an outpatient unit at Uppsala's largest shopping center
- Patients appreciate treatment outside of the hospital environment and ease of access (e.g. parking)



Cancer treatment at home

- At the Skåne University Hospital CCC cancer treatments are increasingly moved home
- Subcutaneous chemotherapy administered by patients at home (50-70% of patients can handle)
- Acute leukemias (85% of patients study or work at diagnosis), high-dose treatments and pretreatment for CAR-T administered through high-tech pumps at home
- 90% of patients considers this treatment at home as important and 95% feel safe handling treatments at home
- Requires education for patients and staff





Bringing care home - summary

- Increasing need and demand, various models can be used
- Current evidence suggest similar mortality, fewer complications, less readmissions, patient and relative satisfaction, shorter admission time and potential for positive health economy
- Need to ensure aims, involved clinics and relevant collaborations, integration of monitoring tools and digital platforms, anchoring among health professionals, evaluation for continous improvement and reimbursement models
- Significant potential to develop home-based physical activity interventions