

# DOMUS

## A Randomized Clinical Trial of Accelerated Transition from Oncological Treatment to Palliative Care at Home

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## BACKGROUND

Studies have shown that most patients with advanced cancer prefer to spend the last part of their lives at home (50-90%)

OECD 2010. Health at a Glance: Europe 2010.  
Higginson IJ et al. J Palliat Med 2000.

In most western countries more than half of patients with advanced cancer die in a hospital

Beccaro M, et al. J Epidemiol Community Health 2006.  
Higginson IJ, et al. Palliat Med 1998.  
Hansen SM, et al. Palliat Med 2002.

Bruera E, et al. J Clin Oncol 2002.  
Burge F, et al. CMAJ 2003.  
Hunt R, et al. Aust N Z J Med 1993.  
Cohen J, et al. Palliat Med 2008.

## PRIMARY OBJECTIVE

To investigate whether an accelerated transition from oncological treatment to Specialized Palliative Care (SPC) enriched with a psychological intervention at home for patients with incurable cancer results in more patients reaching their preferred place of care and death

## SECONDARY OBJECTIVES

- To relieve the patients' symptoms
- To improve the patients' and the caregivers' quality of life
- To relieve the patients' as well as the caregivers' psychosocial problems
- To relieve the bereavement process among the closest relatives
- To prolong survival of patients
- To improve cooperation between professionals
- To analyze cost-effectiveness

## INCLUSION CRITERIA

- Adult (at least 18 year old) cancer patients treated at the Department of Oncology, Copenhagen University Hospital
- Patients who want to spend as much time as possible in their own homes supported by a Specialized Palliative Team (SPT)
- Patients with incurable cancer
- Patients with no or limited antineoplastic treatment options or patients who resign antineoplastic treatment
- ECOG Performance Status 2-4
- Patients living in the Capital Region, Denmark
- Written informed consent

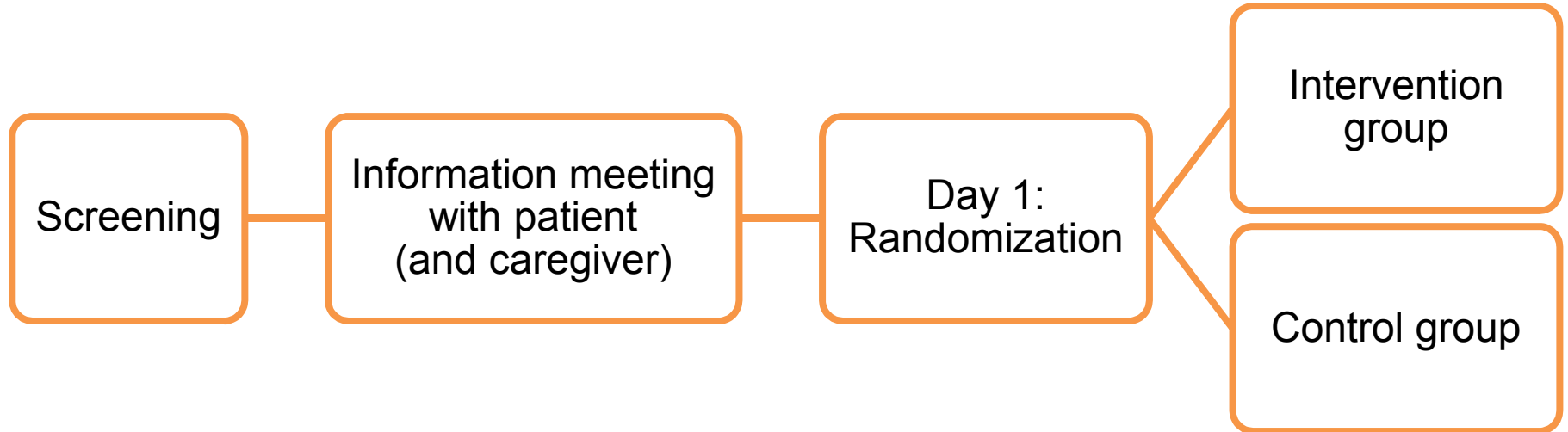
## EXCLUSION CRITERIA

- Patients who have already been referred to an SPT
- Hospitalized patients who are not judged capable of being discharged home
- Patients who are admitted to other hospitals
- Patients who do not speak Danish well enough to answer the questionnaires
- Patients who are considered incapable of cooperating in the trial

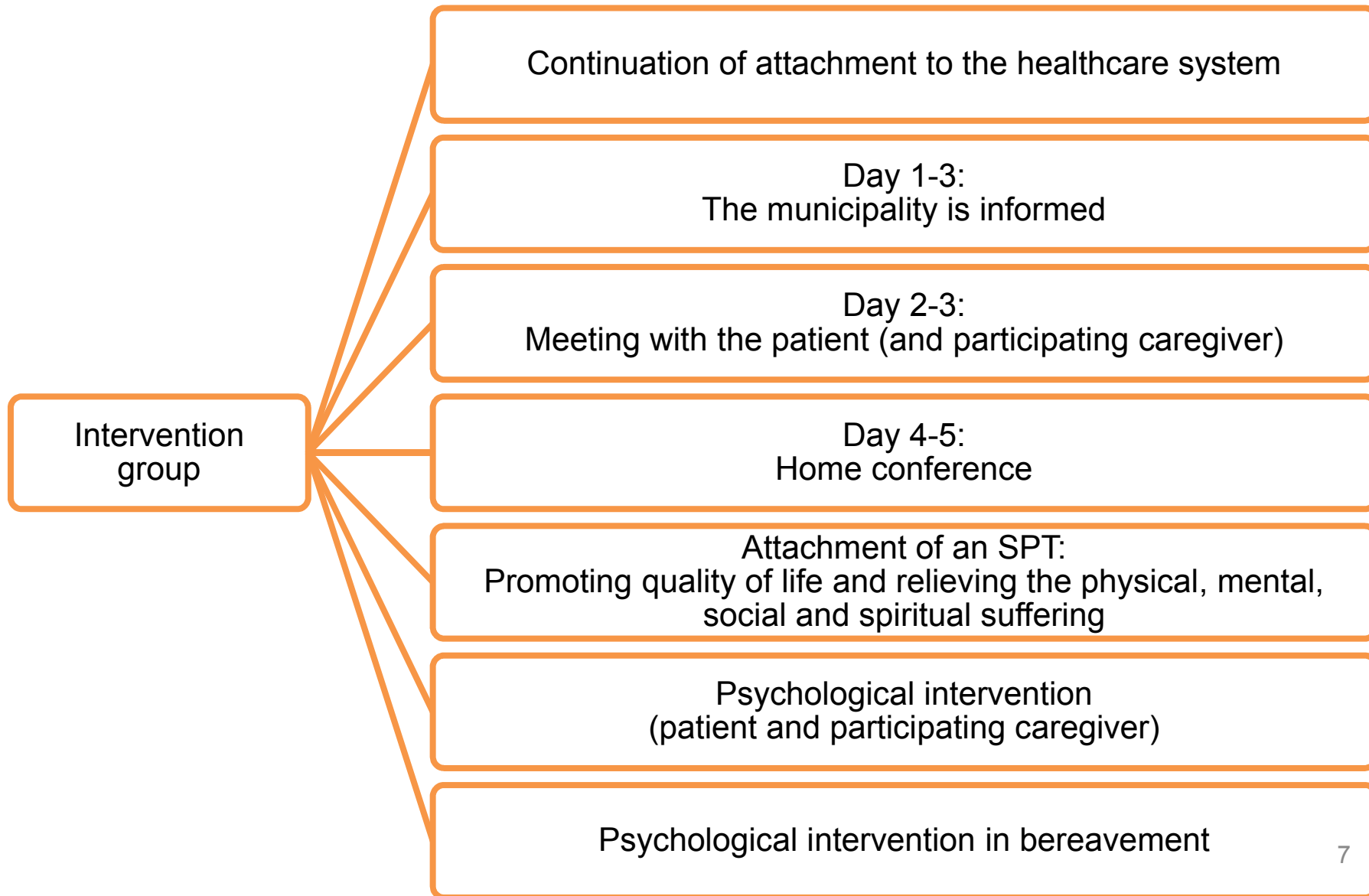
# LIMITED ANTINEOPLASTIC TREATMENT OPTIONS

<b>Disease</b>	<b>Limited treatment options</b>
Breast cancer	Refractory to 3rd line antineoplastic treatment for metastatic disease
Lung cancer	Refractory to 1st line chemotherapy for metastatic / advanced disease
Gastrointestinal cancers	Refractory to 1st line chemotherapy for metastatic / advanced disease
Ovarian cancer / Uterine cancer	Refractory to 2nd line chemotherapy for metastatic / advanced disease
Cervical cancer / Vulva cancer	Refractory to 1st line chemotherapy for metastatic / advanced disease
CNS tumors	Refractory to concomitant / adjuvant chemotherapy
Prostate cancer / Bladder cancer / Penile cancer / Thymic cancer / Adrenal carcinomas	Refractory to 1st line chemotherapy for metastatic / advanced disease
Testicular cancer	Not included in DOMUS because of very high cure rate
Cancer of Unknown Primary origin	Refractory to 1st line chemotherapy for metastatic / advanced disease
Head and neck cancer	Refractory to radiation therapy or surgery with curative intention

# INTERVENTION



# INTERVENTION



## ASSESSMENT



### Symptoms and quality of life:

- EORTC-QLQ-C30
- ESAS-r
- HADS
- SCL-92-r (anxiety and depression subscales)

### Patients with participating caregivers

- Dyadic Coping Inventory: DCI

### Patients without participating caregivers

- Social Support Survey: mMOS-SS (only baseline)



## CONSIDERATIONS

- National and international relevance
- Clinical applicability
- Organization of SPC in the future

## RESEARCH TEAM

DOMUS is a collaboration between Copenhagen University Hospital (RH), University of Copenhagen (KU), the Danish Cancer Society (KB), Knowledge Centre for Rehabilitation and Palliative Care (PAVI) and The Danish Institute for Local and Regional Research (KORA).

### DOMUS **research consortium:**

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Helle Timm, MSc, PhD (PAVI)

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Louise Berg Puggaard, Cand.psych.

Kathrine Nissen, Cand.psych.

### Two **projectnurses:**

Louise Christoffersen

Lisbeth Grave Bendixen

As well as GPs, district nursing and SPTs throughout the Capital Region of Denmark

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Danish Cancer Society

**TrygFonden**