

The potential positive outcomes of international collaboration

- Sample size
- Representativity (external validity)
- More collaboration
- Exchange of ideas and knowledge

www.ntnu.no/nrc European Pallistive Care Research Centre (PDC

"In hospice care we are not doing research-it is unethical".

- Some of the history of palliative care research
- Does it still apply?

www.ntnu.no/nrc European Palliative Care Decearch Centre /DD

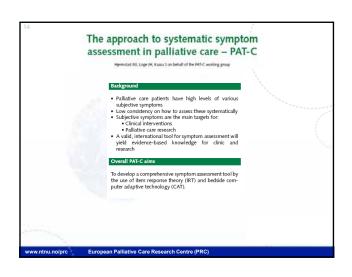


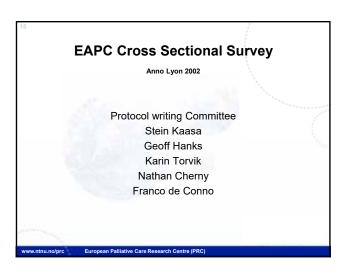


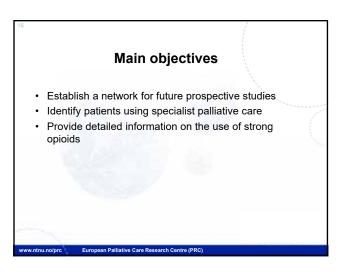
The potential negative outcomes of international collaboration Costs Selection bias Monitoring - cannot do it Time Net outcome for each centre Publication PhDs Postdocs European Palliative Care Research Centre (PRC)



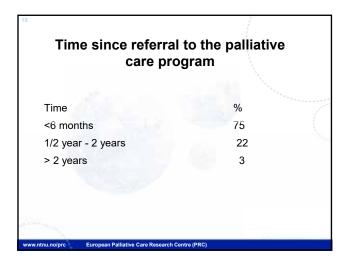
Methodological challenges Anno Aachen 2005 Most studies have been small Some suffer from a substantial attrition rate Even for pain intensity no consensus on how to measure Example...several recent Cochran rew. Lack of information on differences expected to be detected







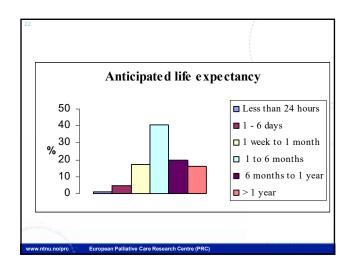
"What is your Centre based upon?" No of patients (%) No of Centres (%) 1143 (38) Hospice 36 (26) General Hospitals 47 (33) 813 (27) Home care 458 (16) 24 (17) Cancer Hospital 229 (8) 12 (9)



Place of care Are there any variations? • Anticipated life expectance

Expectations - Place of palliative care delivery "Hospice is to be expected to care for the imminently dying" "A more mixed population is expected in general hospitals"

Anticipated life expectancy • Less than 24 hours • 1 - 6 days • 1 week to 1 month • 1 to 6 months • 6 months to 1 year • ≥ 1 year



Place of palliative care delivery versus anticipated life expectancy General hospital Homecare Hospice (spec. adv. Service) 1-6 days 7 7 3 1 week to 1 month 18 22 10 1 to 6 months 42 39 45 17 24 6 months to 1 year 21 15 18 <u>></u> 1 year

Type of opioids	Belgium	UK	Greece	Norway	Spain
Morphine SR	7	17	3	29	16
Morphine parente	eral 1	0	3	2	0
Fentanyl TD	26	9	42	13	10
Tramadol PO	6	4	0	1	10
Codeine comb.	2	9	22	10	1

Comments - opioids by country

- There are major variations between countries with respect to the use of opioids.
 - Morphine SR 3% to 43% of the sample
 - Fentanyl TD 0% to 50% of the sample

www.ntnu.no/prc

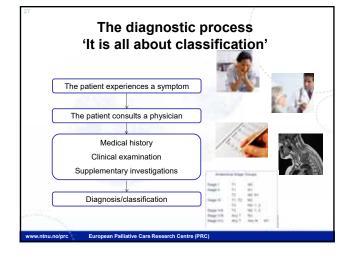
European Palliative Care Research Centre (PRO

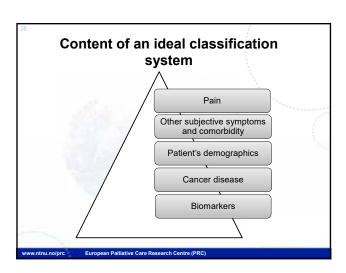
The heterogeneity of palliative care

- At centre level staff and place in the healthcare system
- Patient population
- Treatments
- · And much more.....
- · Were we and are we in trouble?
 - Understanding the data from studies?
 - In conducting multicentre studies?

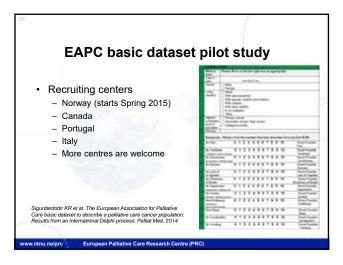
www.ntnu.no/prc

European Palliative Care Research Centre (PRC)

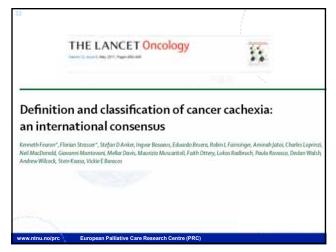




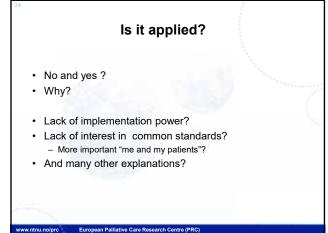












The future

- Plan A: Conduct large enough international intervention studies which answer clinical relevant research questions
 - "Keep it simple-stupid"
- · Plan B: Think big
 - Need to understand the entire patient population
 - And in that sample conduct intervention studies

www.ntnu.no/nrc European Pallistive Care Research Centre (PDC

Plan B: Think big An example – we are planning

- How to treat , care for and organize
- Patients with brain metastasis
- · And how does it affect the family?
- Few studies
- · Heterogeneous population
- Fragmented RCTs

Furancan Palliative Care Recearch Centre (PRC

Plan B: Think big An example – Brain metastasis

- All patients in a defined region or country in a prospective registry-with a prospective design based upon Standardized Care Pathways
 - Clinical data
 - Place and type of care
 - PROMs
- · Conduct several RCTs in the cohort
 - Surgery
 - Radiotherapy
 - Chemotherapy
 - "Best supportive and palliative care"
 - Family care

www.ntnu.no/prc European Palliative Care Research Centre (PF

Plan B: Think big An example – net benefits

- Total insight in to a very heterogeneous population with large degree of morbidity
- Understanding of the effects of the treatment in and outside RCTs at all levels of care
- Understand the effects at health care provider level
- Have an unique system to fast and effective start new intervention studies
- A system for prospective evaluation of the effects of the SCP

www.ntnu.no/prc European Palliative Care Research Centre (PRC)

