Cancer treatment in the next decade
Implications for rehabilitation

Lisa Sengeløv
Herlev Hospital
Cancer treatment in the last decade?

Increased number of patients

- Increased diagnosis

(The Danish Cancer Registry 2012)
Cancer treatment in the last decade?

Increased number of patients for radiotherapy

(The Danish Cancer Registry 2012)
Cancer treatment in the last decade?

Increased number of patients for chemotherapy

(The Danish Cancer Registry 2012)
Cancer treatment in the last decade?

Breast cancer – new patients

(The Danish Cancer Registry 2012)
Cancer treatment in the last decade?

Breastcancer – new patients

34%

(The Danish Cancer Registry 2012)
Cancer treatment in the last decade?

Breastcancer - Patients receiving chemotherapy

(The Danish Cancer Registry 2012)
Cancer treatment in the **last** decade?

Breastcancer - Patients receiving chemotherapy

35%
Cancer treatment in the last decade?

Breastcancer - Numbers of chemotherapies
Cancer treatment in the last decade?

Breastcancer - Numbers of chemotherapies

50%
Cancer treatment in the last decade?

Increased number of patients – prostate cancer incidence
Cancer treatment in the last decade?

Prostate cancer treatment:

Radical treatment

Prostatectomy 250 - 1000
Radiotherapy 50 - 1000
Cancer treatment in the next decade?

Increased treatment per patient

- More treatment – to an increased fraction

The indications for adjuvant treatment is expanded

Adjuvant treatment is expanded – new diagnosis

Treatment of elderly patients

Increased treatment possibilities – treatment beyond progression
Cancer treatment in the last decade?

Focus on organ preservation and preservation of organ function

- Mastectomy to tumorectomy
- Increased rate of renal tumorectomy
- Limb-sparring surgery in sarcomas

- Sentinel node technique –
- Nervesparring surgery – endoscopic surgery robotic
Cancer treatment in the next decade?

Improvement in diagnostic imaging –

- Early detection
- Improved evaluation of treatment response
- Improved delineation of targets to radiotherapy
Cancer treatment in the next decade?

Targeting therapy – personalized therapy

Immunological manipulation
Implications for rehabilitation?

Expand indications for adjuvant and combined therapy

More patients will live longer after cancer treatment

Less functional problems

Reduced need for functional rehabilitation

Hormonal, metabolic and immunological changes

Sustained treatments, chronic care
Implications for rehabilitation?

Changes in treatment -

Requires changes in rehabilitation
Implications for rehabilitation?

Personalized therapy

Personalized rehabilitation