



# Putting Science into Standards

How standardization can contribute in Cancer Care

# Standards have been used in Health Care Services in decades

<a href="#">Dokumentnr</a>	<a href="#">Komite</a>	Norsk tittel	Utg	<a href="#">År</a>	<a href="#">Språk</a>	<a href="#">Gyldig</a>	<a href="#">Sider</a>
<a href="#">NS 679:1939</a>	<a href="#">SN/K 121</a>	Bekkener av rustfritt stål / Stainless steel bed pans	1	1939	no	Ja	4
<a href="#">NS 670:1939</a>	<a href="#">SN/K 121</a>	Spyttekar - Spyttekrus, spyttbeleg og spytteglass / Hospital equipment - Spitting vessels	1	1939	no	Ja	4
<a href="#">NS 673:1952</a>	<a href="#">SN/K 121</a>	Sykehussenger for kronisk syke - Generelle konstruktive krav / Hospital bedstead for chronic ward - General requirements	1	1952	no	Ja	4

# Main groups:

- Medical device standards
- Quality and management
- E – Health
- Systems
- And contributes to:
  - Patient safety
  - Safety for personell
  - Enhanced Quality

# Standards is considered a normative document

Laws

Regulations

Guidelines

**Standards**

Standard Operational Procedures

# Some areas are doing well with standards

Medical devices, Quality and management, E – Health and Systems

**Some are not:** - Clinical guidelines

**New:** - Standards for health care services

# Clinical guidelines as standards?

Clinical guidelines are better worked out  
within the present structure

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Evidence based within

Physicians specialists organizations

- Based on Cochrane Collaboration - NICE etc

# Standards for health care services

EN 16372 Aesthetic Surgery Services is a good example

Interest from the EU Commission, CEN and ISO

**STRATEGY UNDER DEVELOPEMENT**

## Is standards for clinical pathways relevant?

- Norwegian Health Care Service has implemented 28 clinical pathways for cancer diagnoses (Cancer Pathways)
- Based on experiences from Denmark
- More about logistics than clinical treatment



## 28 Cancer Pathways

26 organ specified pathways

1 metastasis with unknown origin

1 diagnostic pathway

The first four Cancer pathways were implemented on the 1st of January 2015:

Breast cancer

Lung cancer

Prostate cancer

Colorectal cancer

During 2015 24 more Cancer pathways will be implemented

# A Breast Cancer Pathway is already one of our Clinical Pathways



# Possible standards structure

EN 15224 Quality Management systems  
Requirements based on EN ISO 9001:2008



## May 1st 2015

- Cancer patient pathway for lymphoma
- Cancer patient pathway for esophageal and stomach cancer
- Cancer patient pathway for testicular cancer
- Cancer patient pathway for bladder cancer
- Cancer patient pathway for kidney cancer
- Cancer patient pathway for cervical cancer
- Cancer patient pathway for uterus cancer
- Cancer patient pathway for ovarian cancer
- Cancer patient pathway for head- and neck-cancer

# September 1st 2015

- Cancer patient pathway for sarcoma
- Cancer patient pathway for childhood cancer
- Cancer patient pathway for neuroendocrine cancer
- Cancer patient pathway for pancreas cancer
- Cancer patient pathway for metastasis with unknown origin
- Cancer patient pathway for penile cancer
- Cancer patient pathway for multiple myeloma
- Cancer patient pathway for melanoma
- Cancer patient pathway for acute leukemia and high-risk myelodysplasia
- Cancer patient pathway for chronic lymphocytic leukemia
- Cancer patient pathway for thyroid cancer
- Cancer patient pathway for primary liver cancer
- Cancer patient pathway for biliary cancer
- Cancer patient pathway for brain cancer

# The content of the pathway-descriptions

- A general section on what Cancer patient pathways are
- A specific section for each individual pathway
- Uniform structure, common/similar template
- A short description of the type of cancer
- Reference to the National plan of action
- The entrance/the way into the cancer patient pathway
- Interdisciplinary meetings, diagnostic procedures, treatment, rehabilitation, follow up and controls, flowcharts, processing-times, information and registration

## Three target groups for communication

- Relevant staff
  - Professional staff: doctors, nurses, medical secretaries and others
  - Leaders on all levels
  - Cancer patient pathway coordinators
  - Technical, logistical and mercantile staff
- General practitioners and the municipal healthcare services
- Patients, relatives and the general population

## Communication - Aimed at health professionals

- General information about Cancer patient pathways
- General introductory information in the Cancer patient pathway description
- Guides for diagnosis for cancer
- The Cancer patient pathway descriptions
- Guides for coding and monitoring



## Communication - Aimed at General practitioners

- Should use **the standard way in** like they do today
- The aim: to incorporate Cancer patient pathway guides of diagnosis into the general practitioners EPJ
- In the referral's urgency section we have added Cancer patient pathways as a new item
- Referral should be done online or by phone

## Communication - Aimed at The general population

- General information about Cancer patient pathways by the general practitioner
- Information on the specific Cancer patient pathway at the hospital
- Helsenorge.no
- National, regional and local Editorial reviews
- Paid communication:
  - Screens at general practitioners offices
  - Facebook
  - Keywords at Google
- Other media

## Experiences so far

- Positivity in hospitals , better logistics and interaction
- Positivity among GPs : one way into the hospitals
- Positivity among patients : predictability - and expectations
- The hospitals are underway and are reporting to National Patient Register - NPR reports back

## Putting science into standard

# This is to be discussed!

- Standards are based on consensus
- Clinical guidelines are evidence based
- **My position:** Keep it separate