



# Cancer Burden in Belgium: the good, the bad, (the grey) and the ugly

## Haematological malignancies

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10/12/2015

**10** years

# Available information on burden of cancer



## Haematological malignancies???

# Available information on burden of cancer



BELGIAN CANCER REGISTRY

10 years  
Belgian Cancer Registry

Cancer Incidence in Belgium  
years

Cancer Incidence in Belgium 2012

Special Issue  
Haematological malignancies

BHS  
Belgian Hematology Society

Cancer Incidence and Survival in Flanders 2000-2010

Kankerincidentie in Vlaanderen 1997-1999

Cancer Incidence in Belgium 2010

Cancer Burden in Belgium

# Challenges

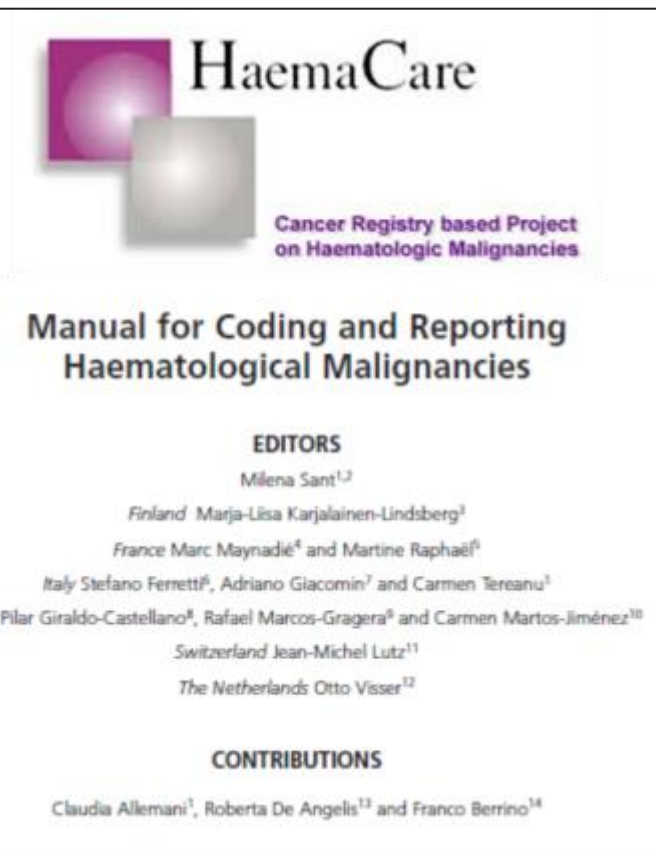
- Diverse and complex group of diseases
- > 100 different (often rare) entities
- Need for uniform guidelines



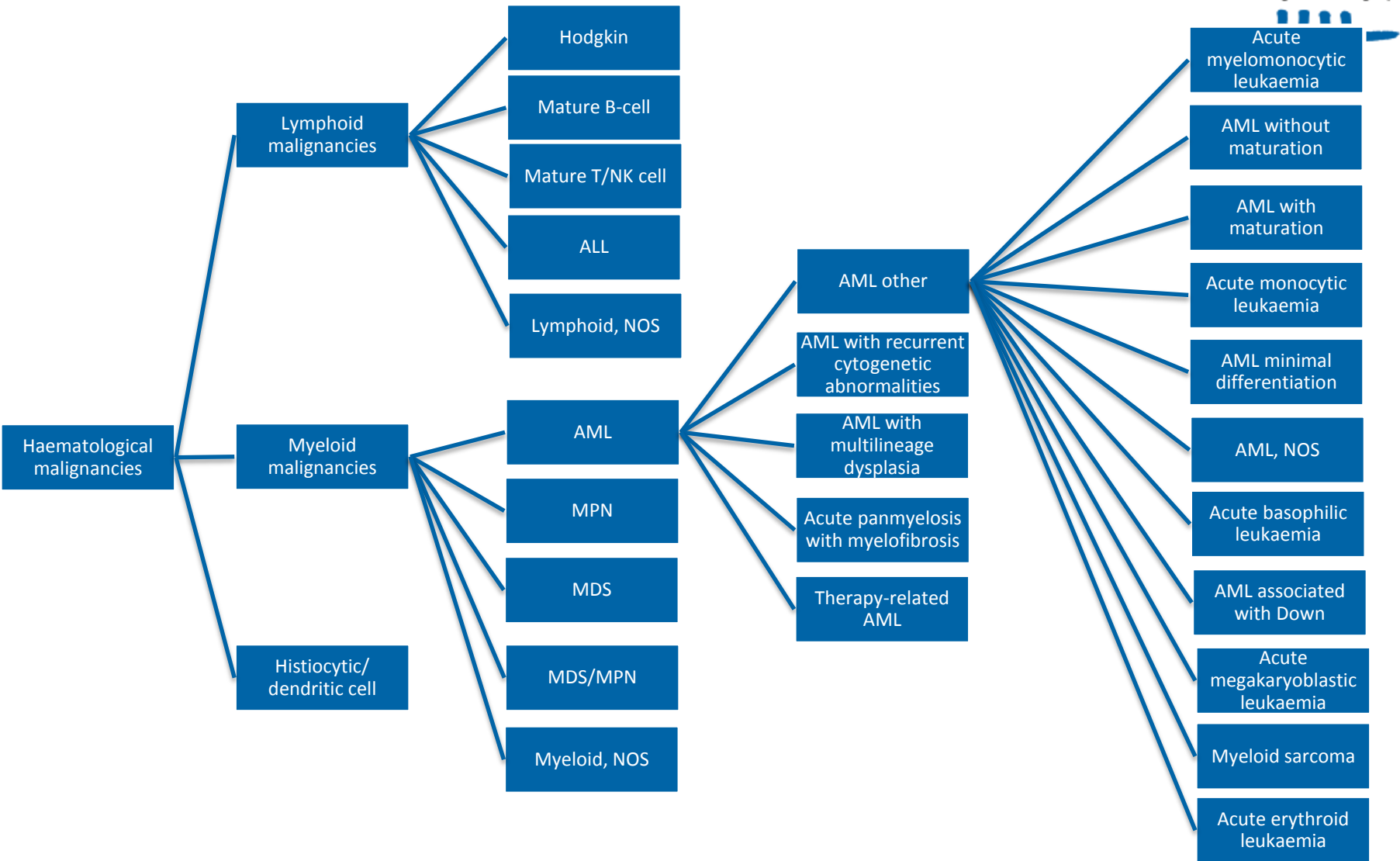
- **HaemaCare**

- International and multidisciplinary expert panel published:

1. New guidelines for cancer registration (*coding manual*)
2. New classification rules for uniform reporting (*consensus grouping of entities with similar physiopathology and prognosis*)

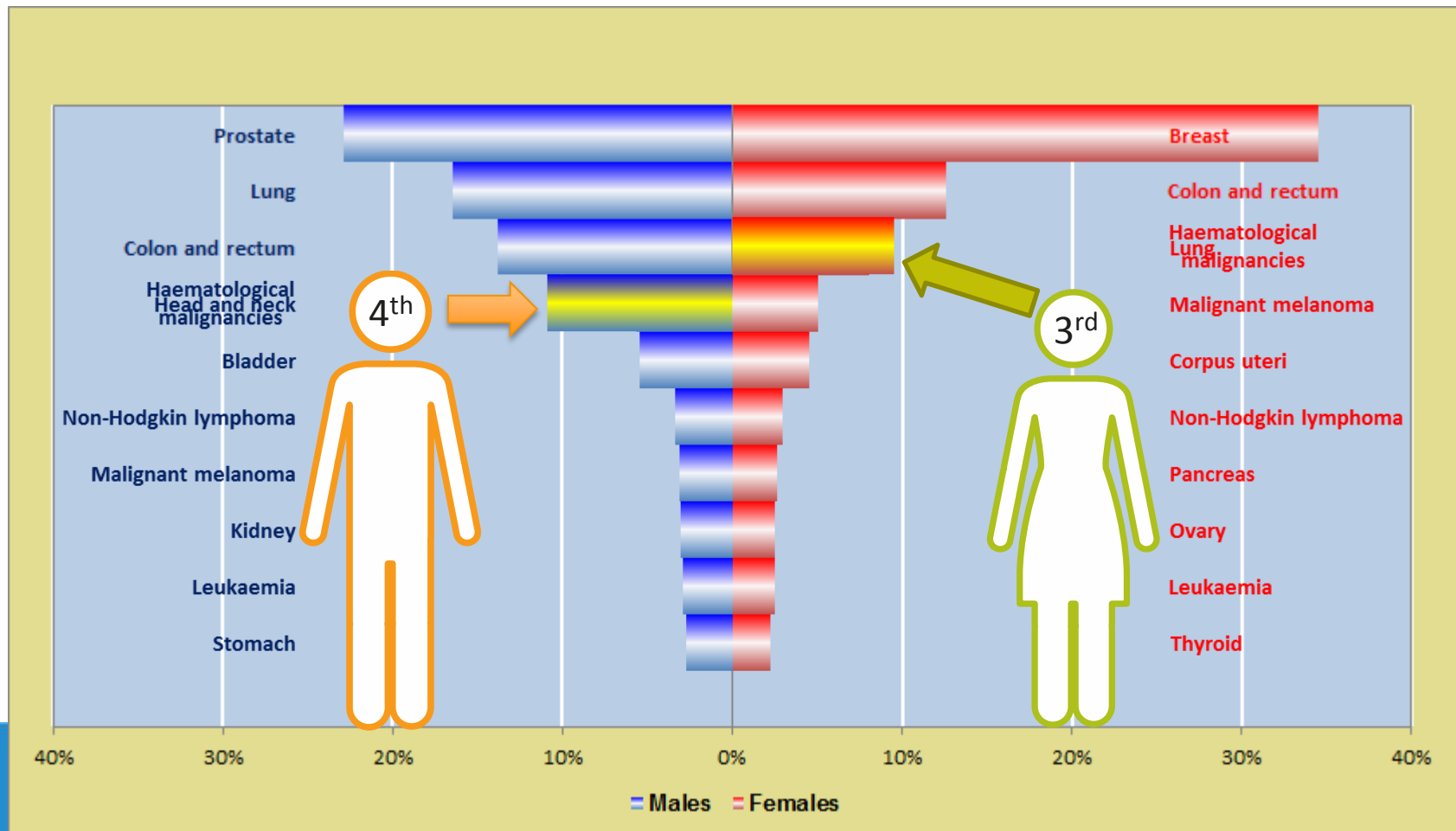


# Haemacare consensus grouping (example)



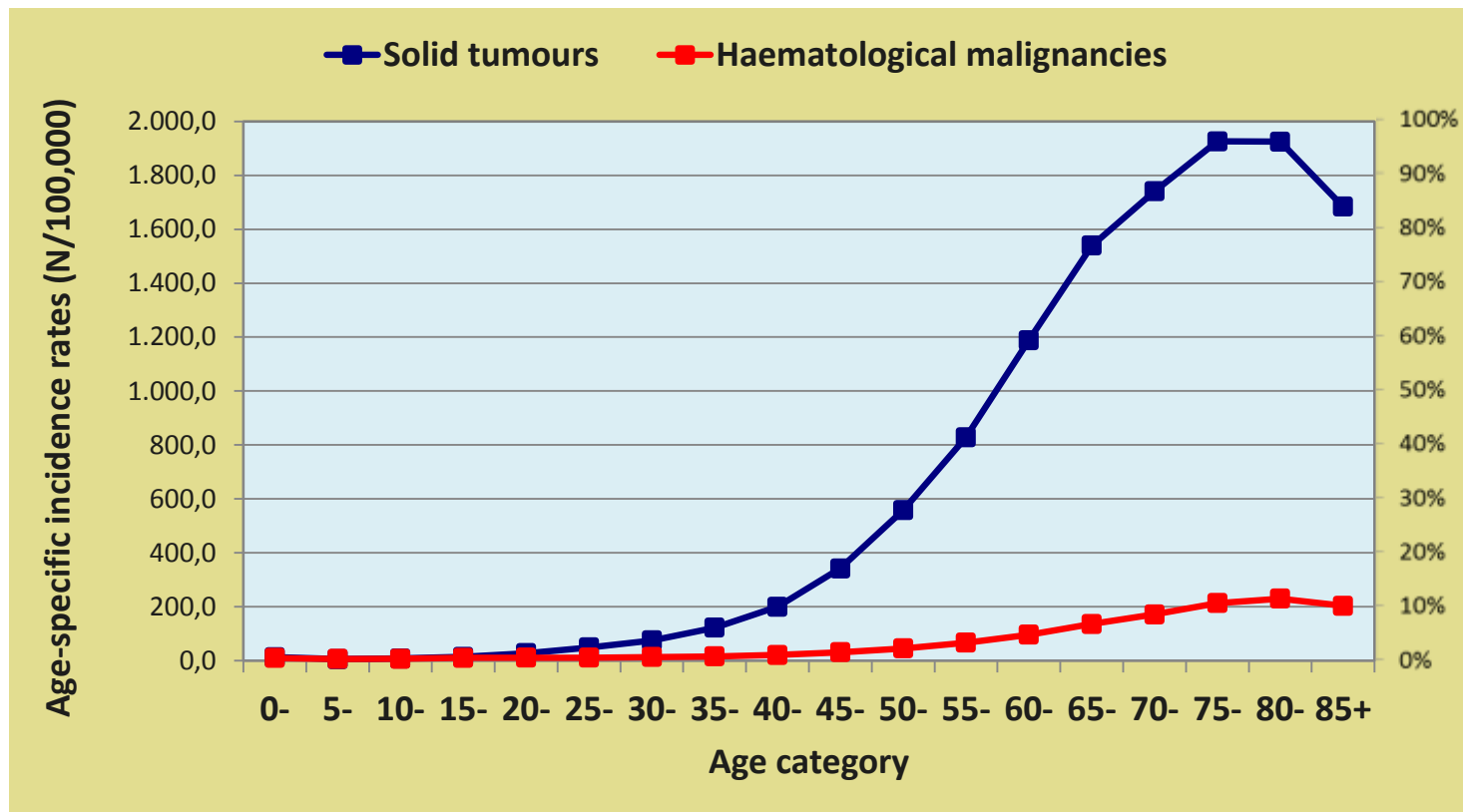
# 1 / 10 cancers = haematological malignancy

- Belgium 2013: >6,700 new diagnoses
- 10% of all malignant tumours in males and females



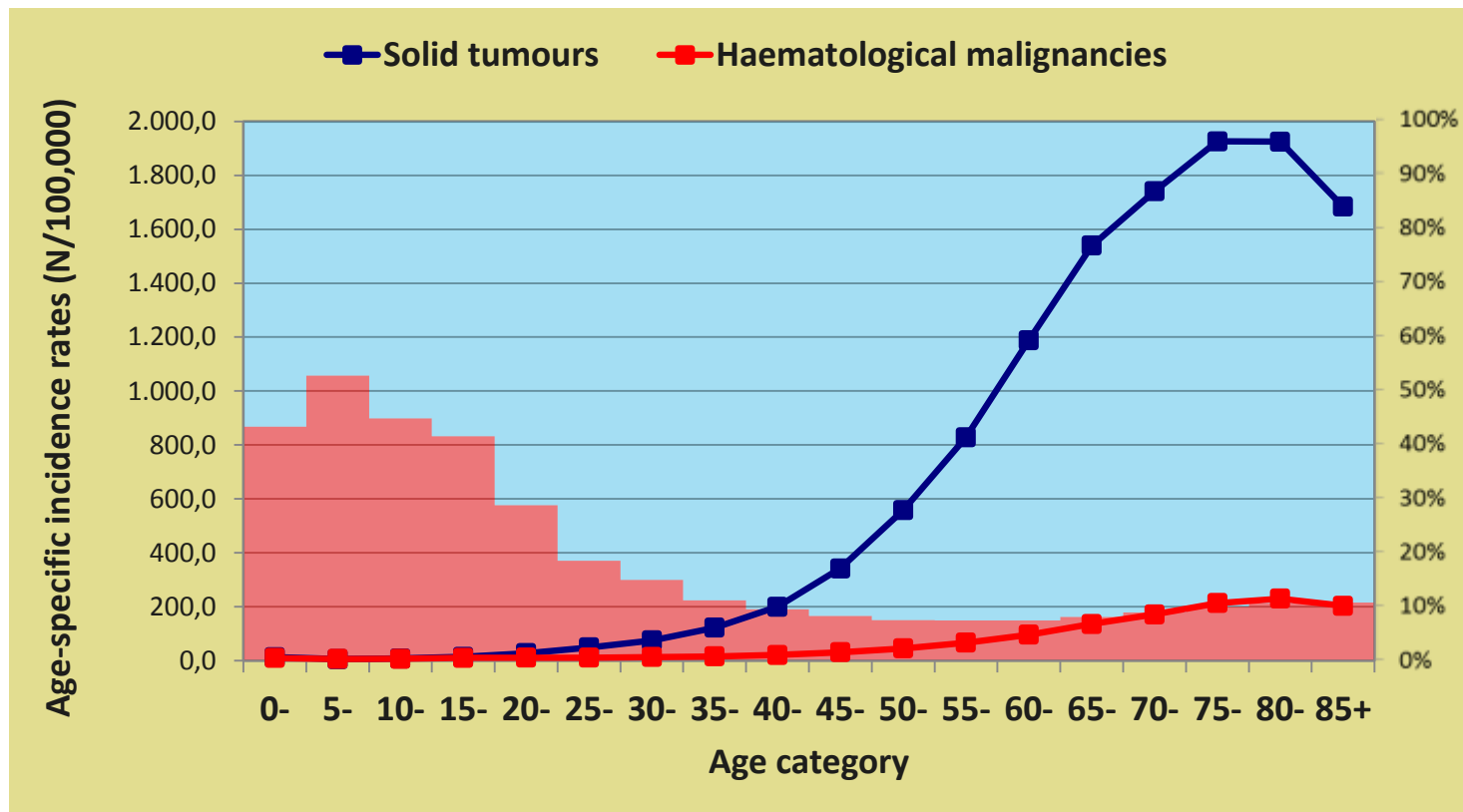
# Concerns all ages

- Increasing risk with increasing age



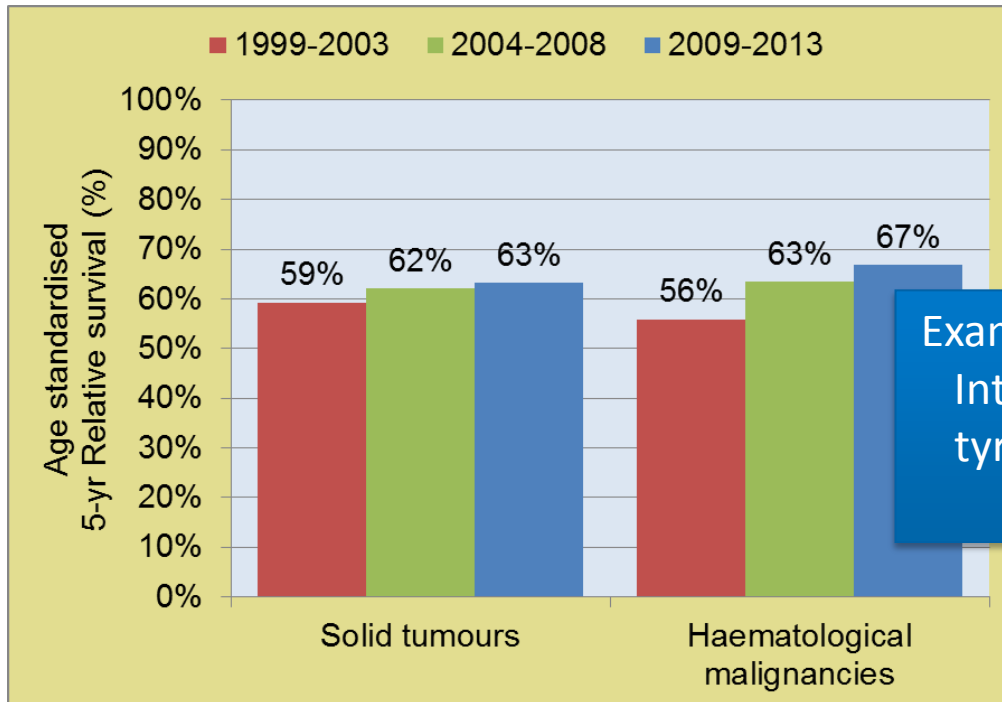
# Concerns all ages

- Increasing risk with increasing age
- Important malignancy in children and young adults

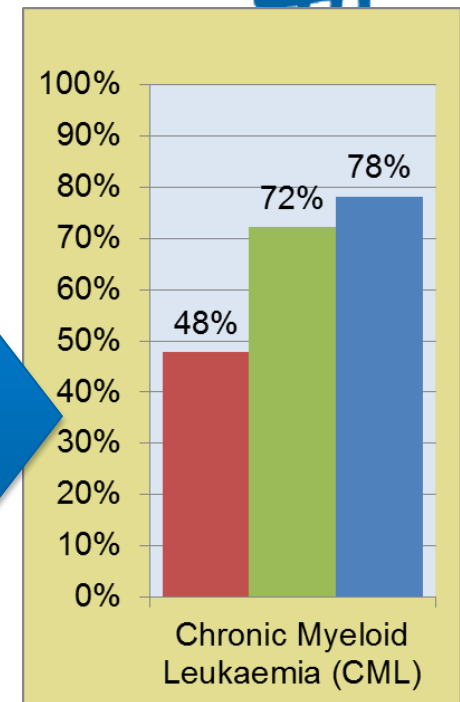




# Survival has improved



Example: CML and Introduction of tyrosine kinase inhibitors



## Belgian Transplant Registry: 5,337 patients with a bone marrow transplant (2007-2013)

- Close collaboration between:



# Take home messages

## Haematological malignancies

- First in depth description on the epidemiology of haematological malignancies in Belgium
- Complex disease: >100 (often rare) entities
- 10% of all malignancies
- ~50% of childhood malignancies
- Survival has improved substantially
- Major differences in incidence and survival between different subtypes of haematological malignancies