



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

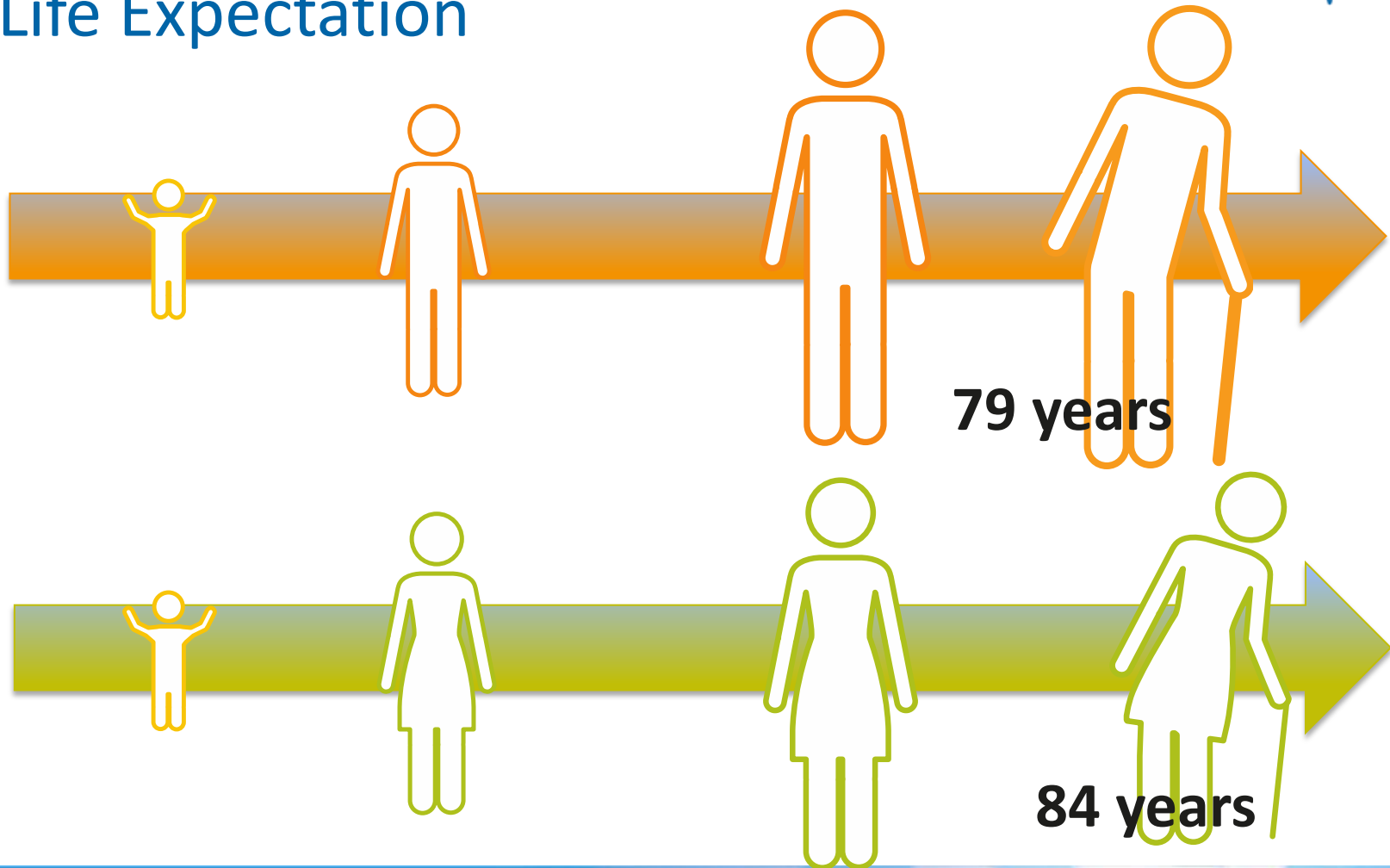
## Cancer in Children and Adolescents

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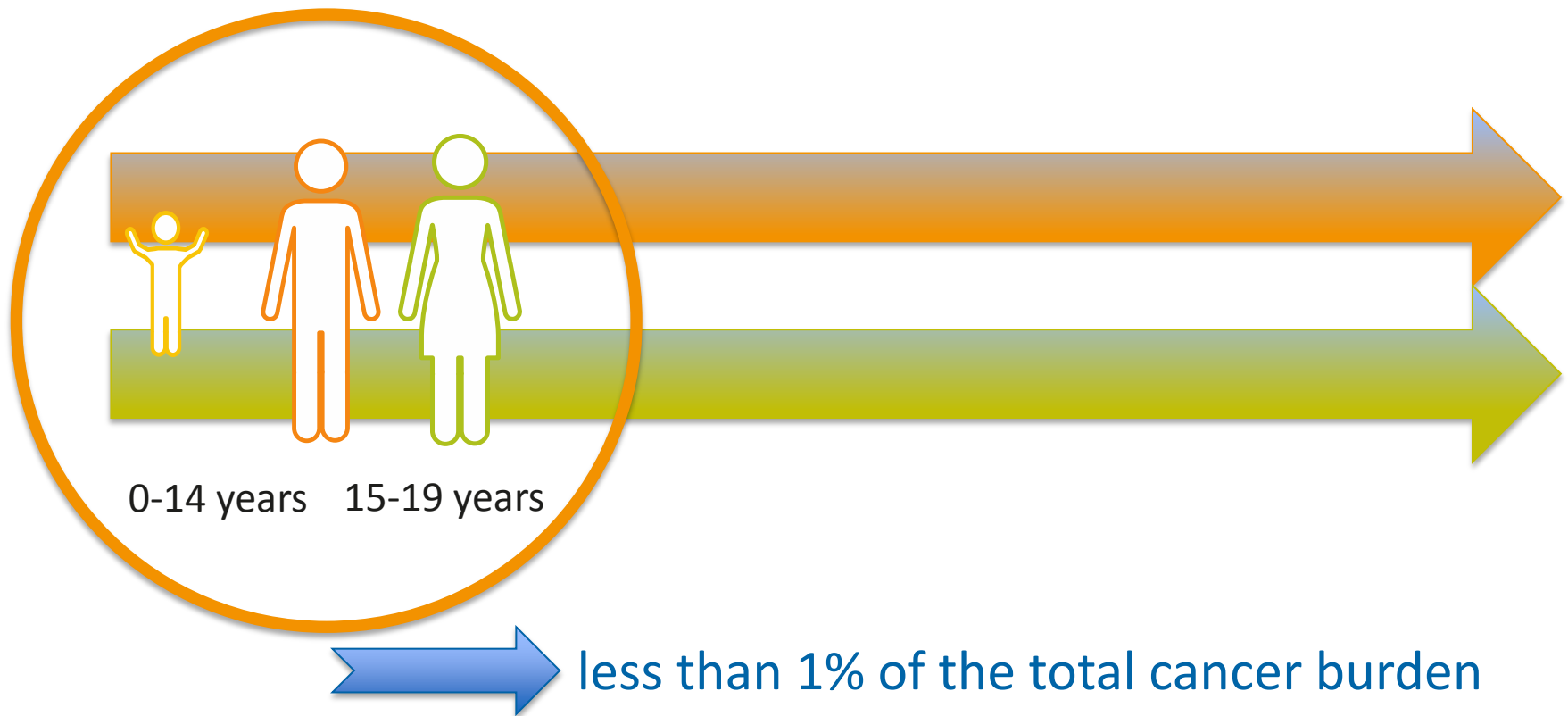
# Cancer in Children and Adolescents (1)

## Life Expectation



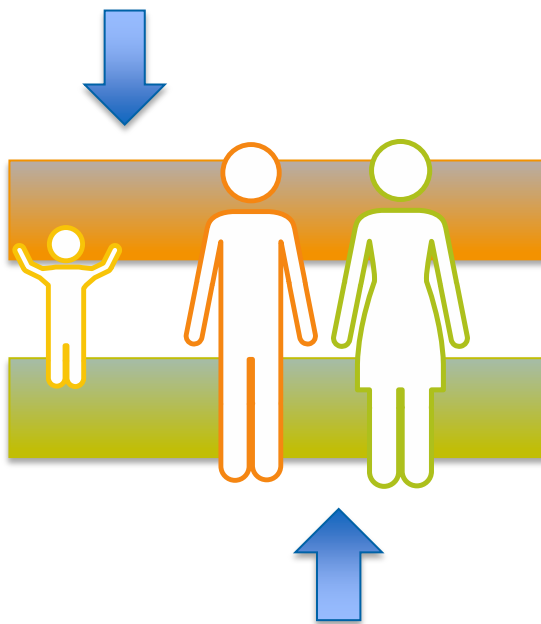
# Cancer in Children and Adolescents (2)

- Emotionally loaded
- Rare disease

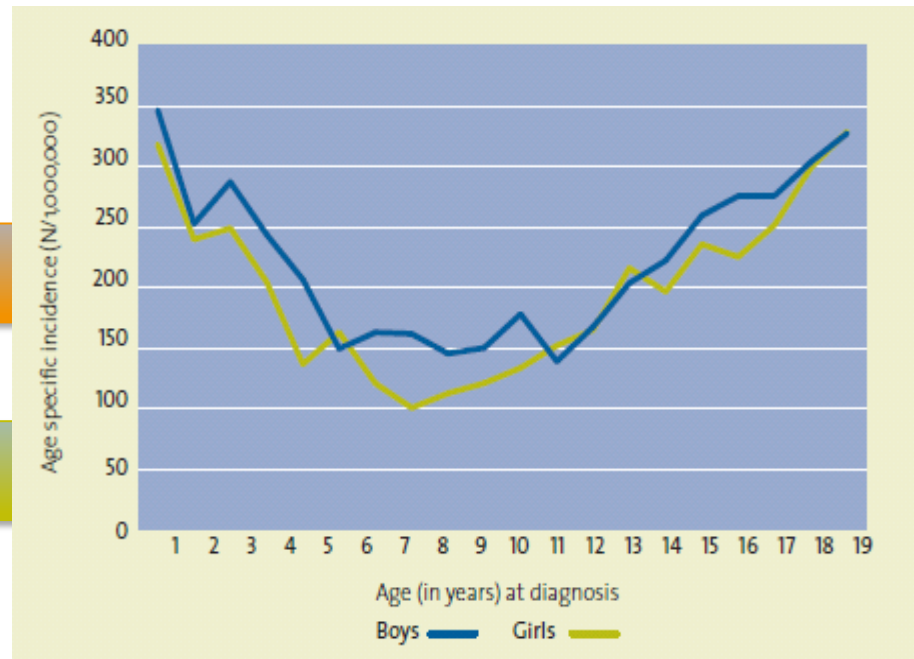


# Cancer in Children and Adolescents (3)

Incidence year 2013  
405 new cases  
M/F = 1.2

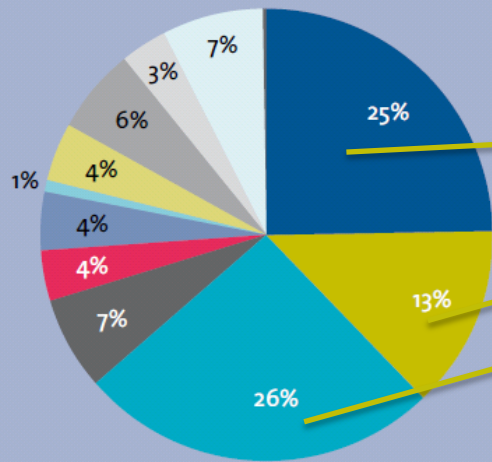


Incidence year 2013  
179 new cases  
M/F = 1



# Cancer in Children and Adolescents (4)

## Children (0-14 years)



Belgium, 2009-2013

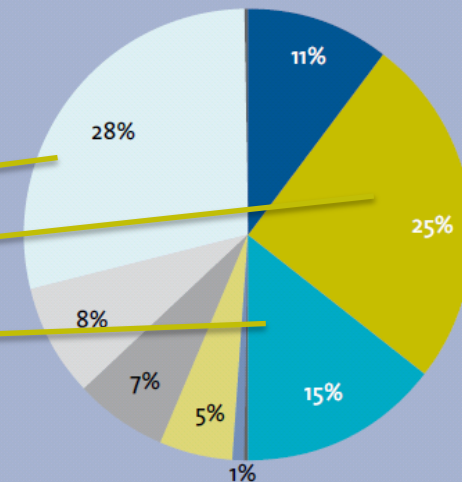
Most frequent (64%):

- Leukaemia
- Lymphoma
- Brain tumours

Most frequent (68%):

- Carcinoma
- Lymphoma
- Brain tumours

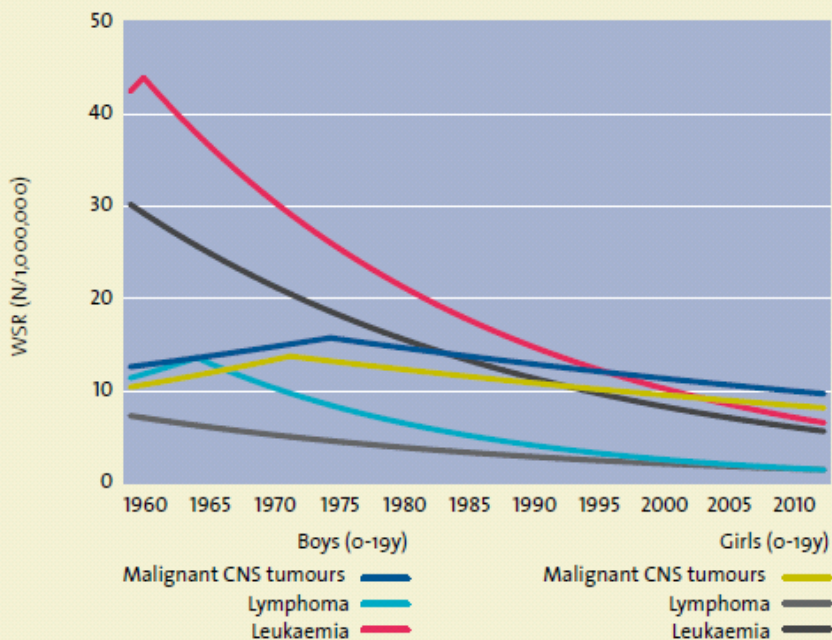
## Adolescents (15-19 years)



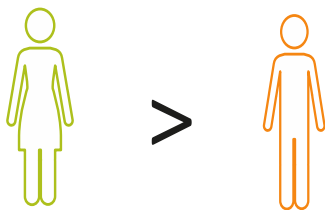
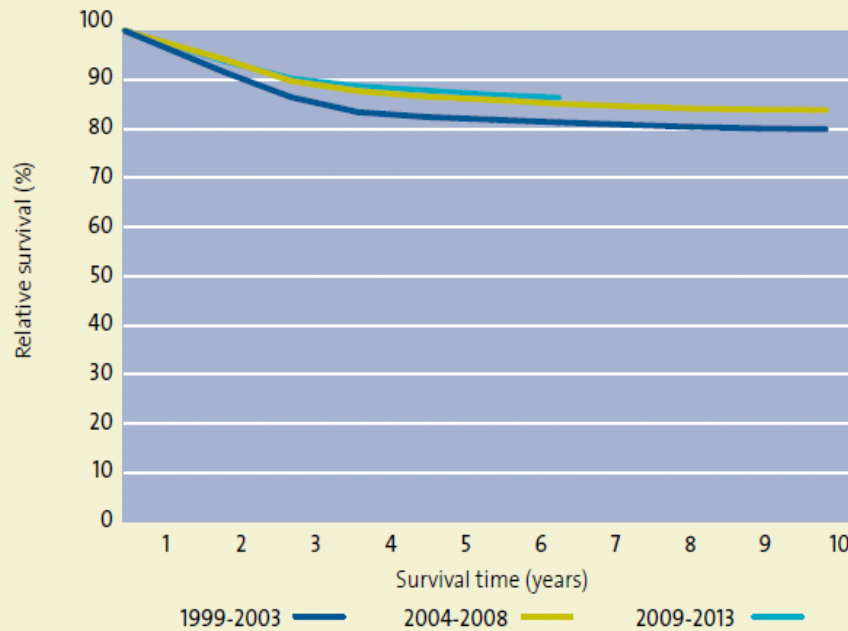
# Cancer in Children and Adolescents (5)



Since the 1960's, mortality rates have dramatically declined



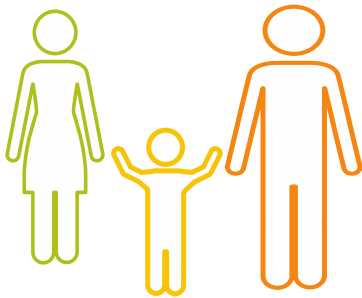
## Improved survival rate for children



# Quality of Life for Survivors of Childhood Cancer



... but not without a cost



'Late' effects ( $\leq 90\%$  of survivors)

Reproductive complications

Cardiovascular problems

Secondary cancers

Set up a database containing information on the patient's medical history, cancer diagnosis, cancer treatment(s) and acute and late toxicities



# Take home messages



- **Childhood cancer is a rare disease**
- **Survival ↗**
- **Mortality ↘**
- **... but not without a cost**