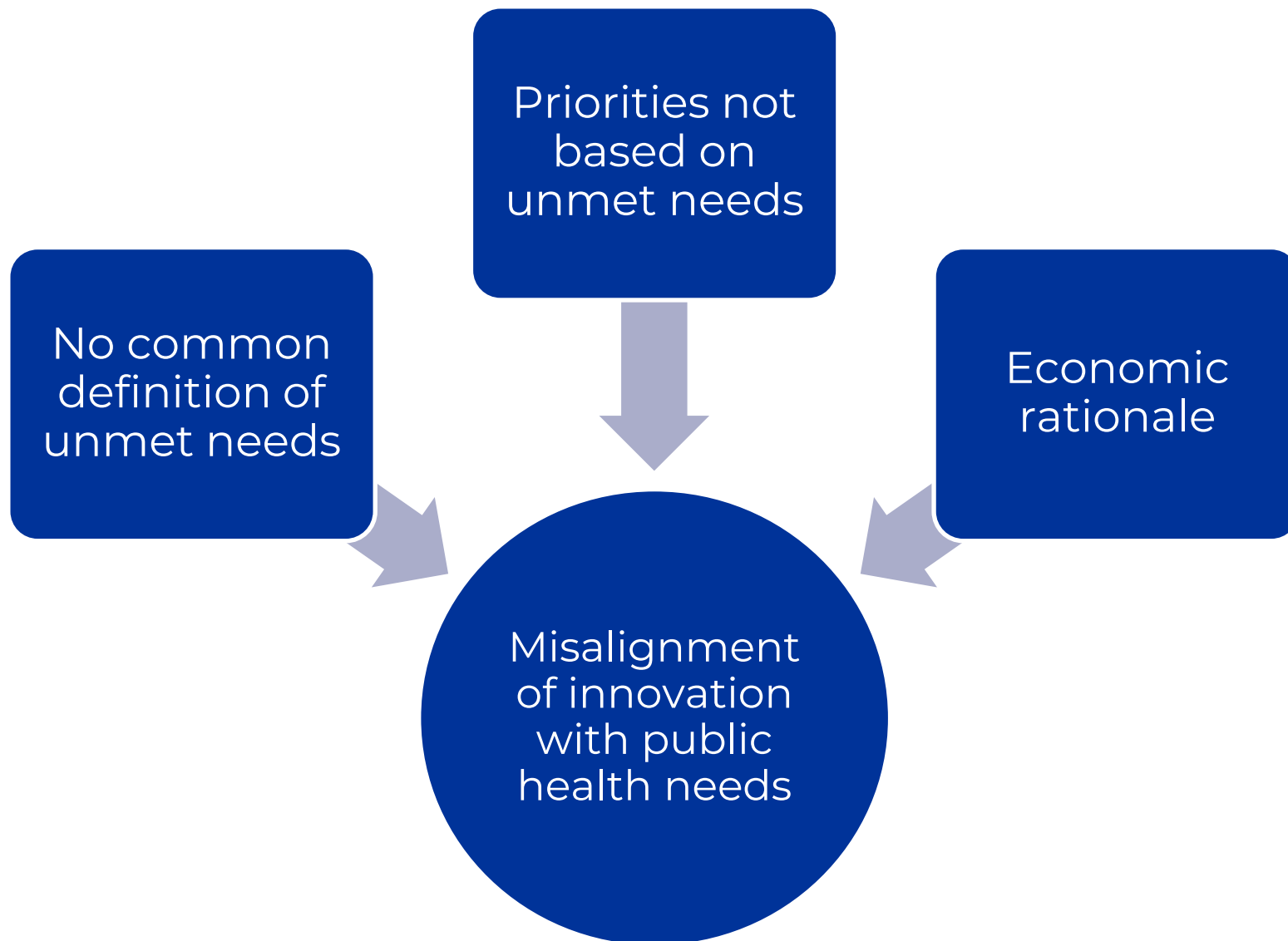




# **Assessing patient and societal unmet health-related needs: the NEED (Needs Examination, Evaluation and Dissemination) assessment framework**



## Context



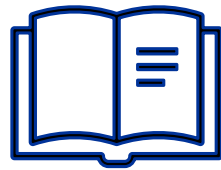
## **Aim and objectives**

**Aim:** Move towards a more needs-driven healthcare policy and innovation

### **Objectives:**

- Create a framework with criteria for identifying patient and societal unmet needs
- Test framework on two selected health conditions in Belgium: melanoma and Crohn's disease

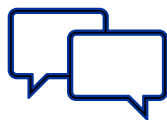
# The **NEED** Framework: Methods



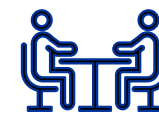
Systematic  
reviews



Stakeholder and  
expert consultations



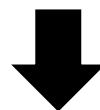
Discussion with  
Minister and  
Federal health  
agencies



Internal  
discussions

# Scope of NEED Framework

Health Condition



Patient level

Societal level

Health-related needs

Health needs

Healthcare needs

Medical needs

Social needs

Health-related needs

Health needs

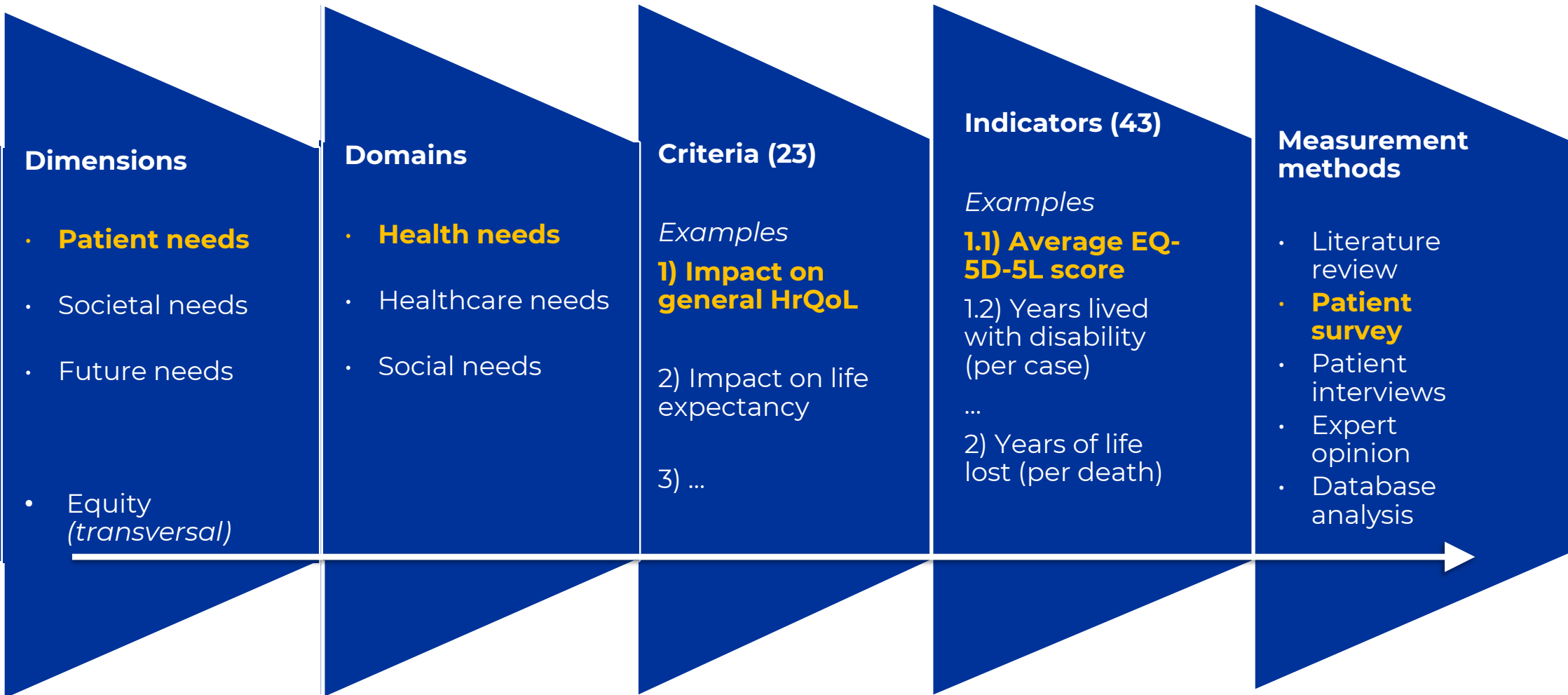
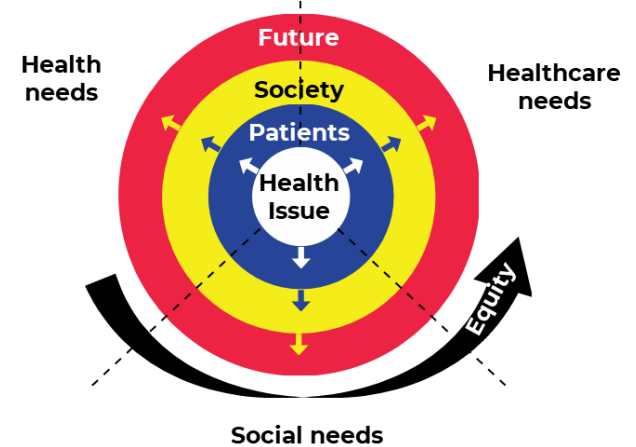
Healthcare needs

Social needs

Future



# The NEED Framework



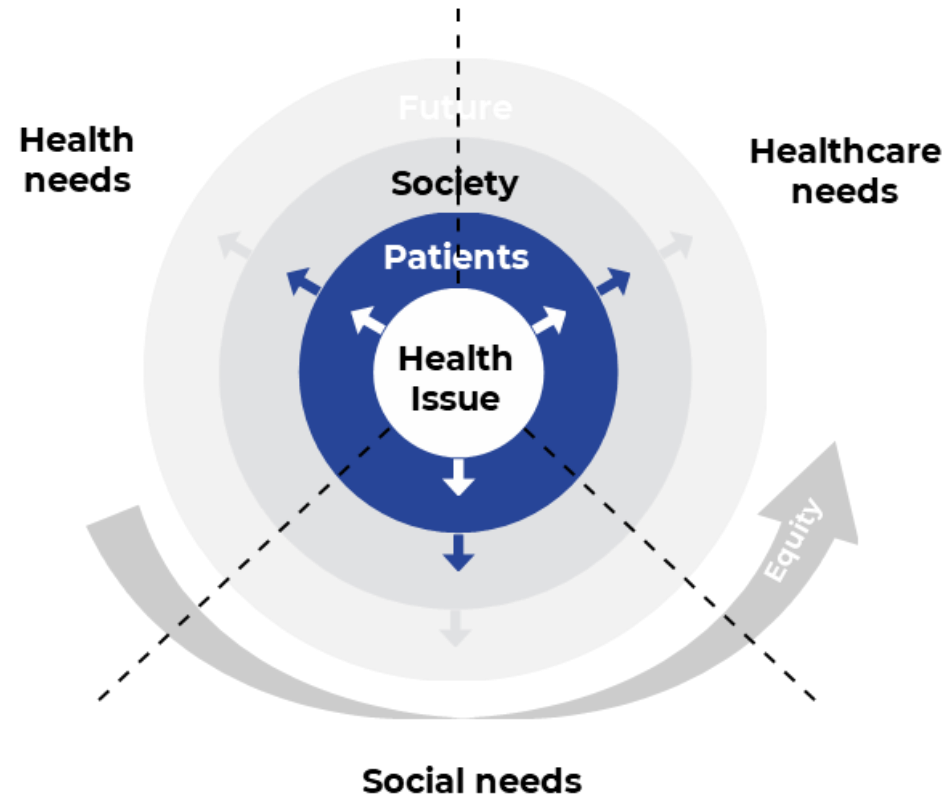
# The NEED Framework

## Dimension: Patient needs

### 5 criteria:

Impact on:

- general HRQoL
- physical health
- psychological health
- autonomy
- life expectancy



### 4 criteria:

- effectiveness of Tx
- quality of care
- burden of current Tx
- accessibility of care

### 4 criteria:

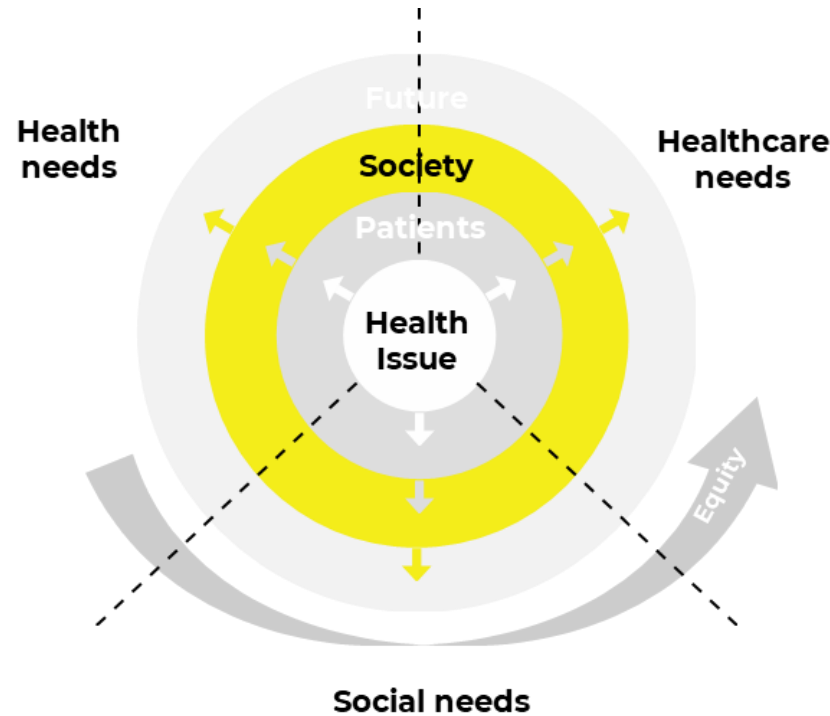
- impact on social life
- impact on education
- impact on work
- financial consequences

# The NEED Framework

## Dimension: Societal needs

### 4 criteria:

- frequency
- AMR
- transmissibility
- health burden on informal caregivers



### 2 criteria:

- preventability
- value for money of SoC

### 2 criteria:

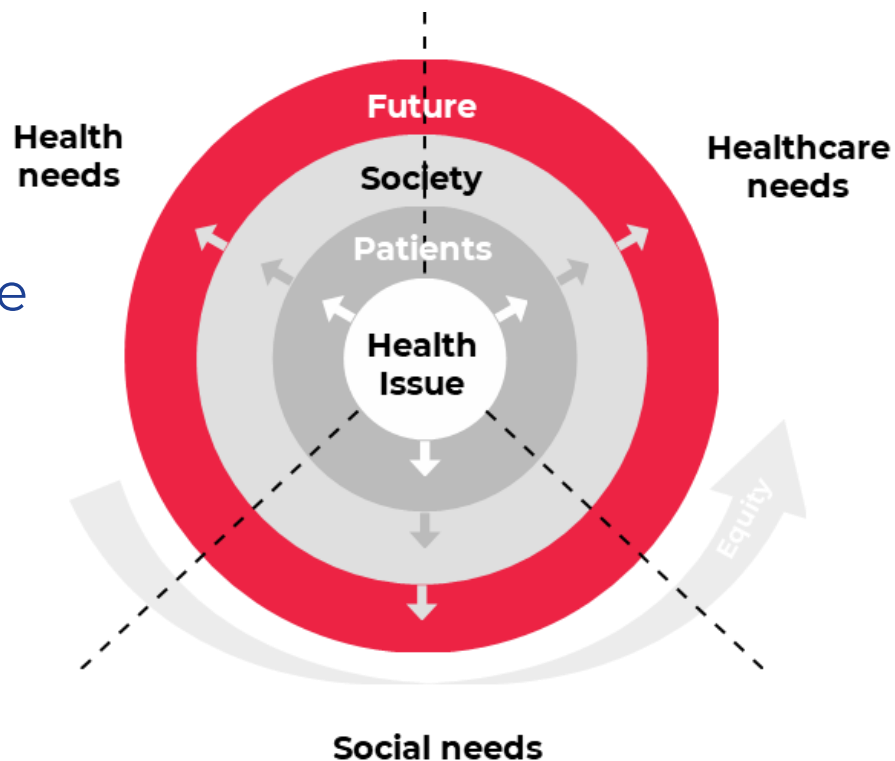
- productivity losses
- environmental impact of SoC



# The NEED Framework

## Dimension: Future needs

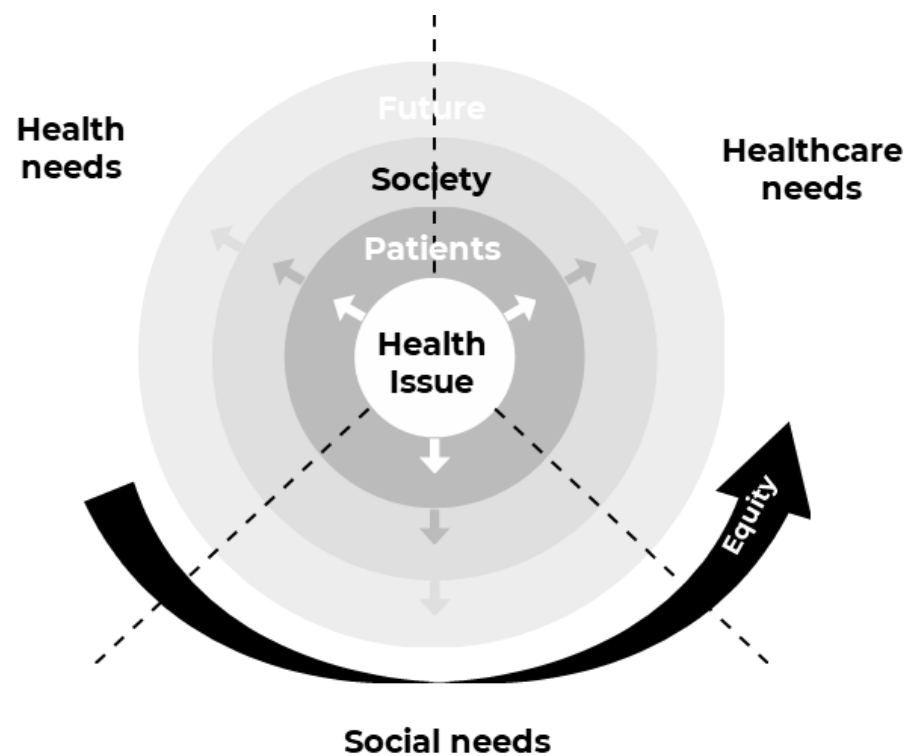
**1 criterion:**  
Future burden of disease



**1 criterion:**  
Future economic burden

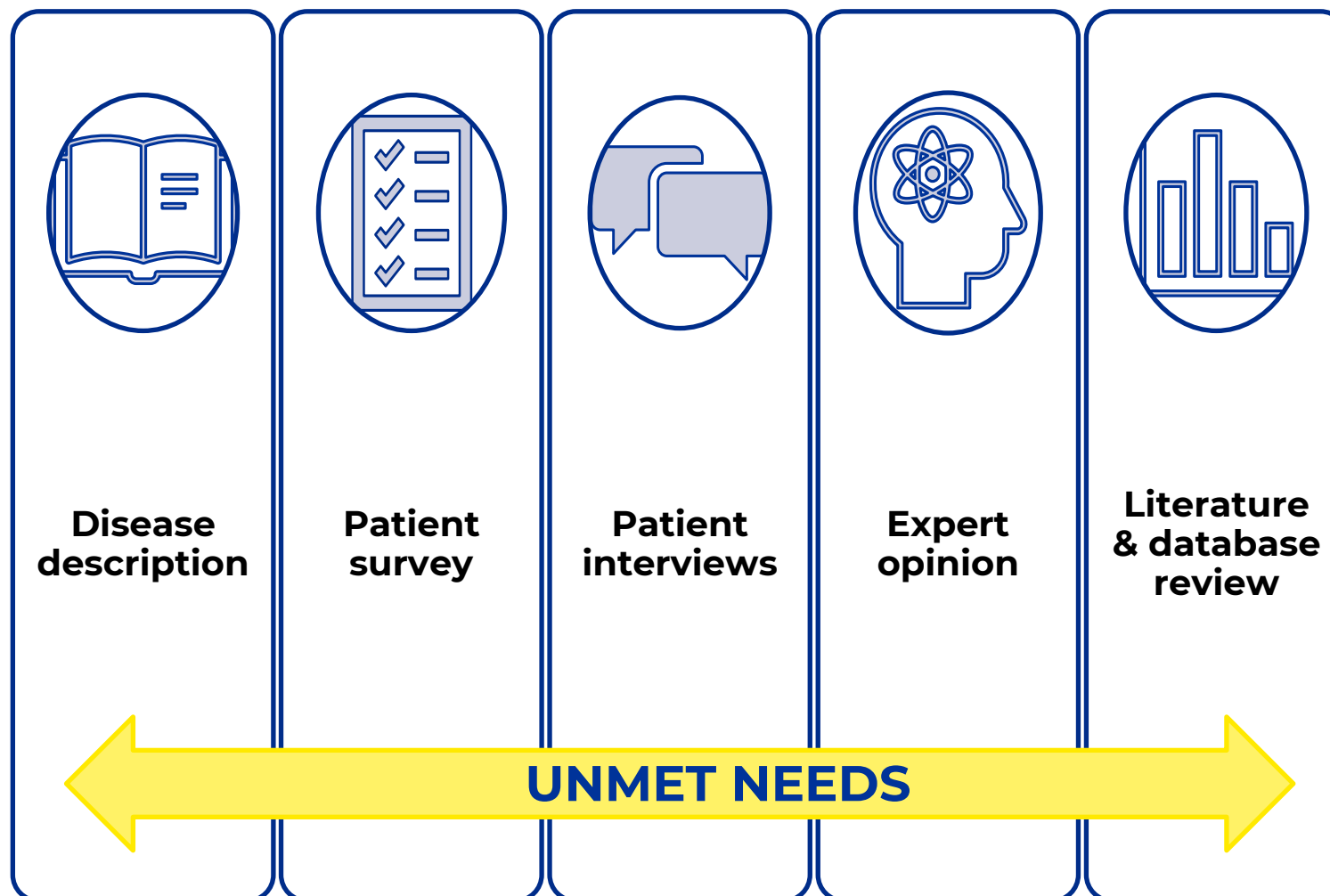
# The NEED Framework

## Dimension: Equity

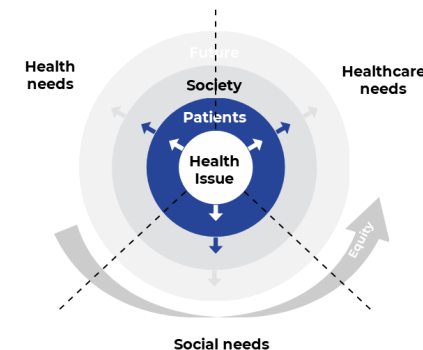


- Distribution of unmet needs among population subgroups (e.g. low socioeconomic status)
- Applies to all dimensions and domains

# Application of the NEED Framework: Methodology

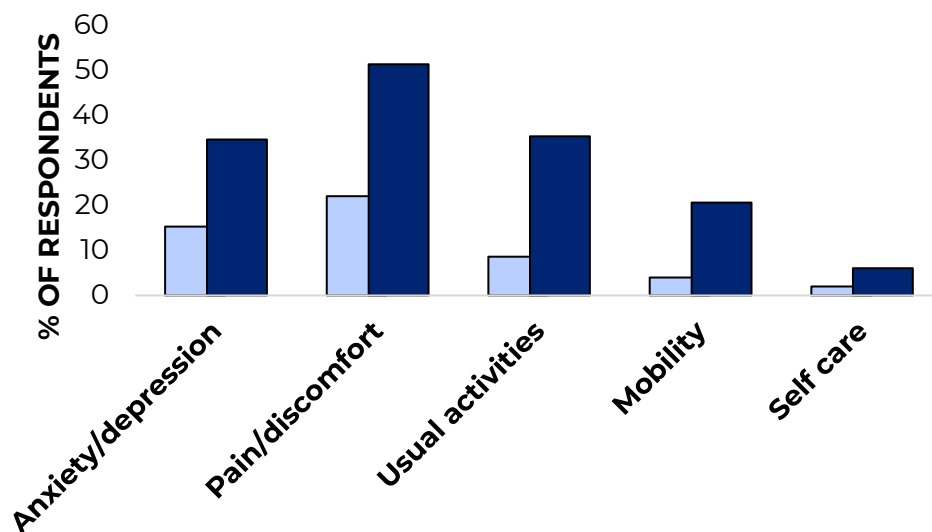


# Application of the NEED Framework: Examples from case studies

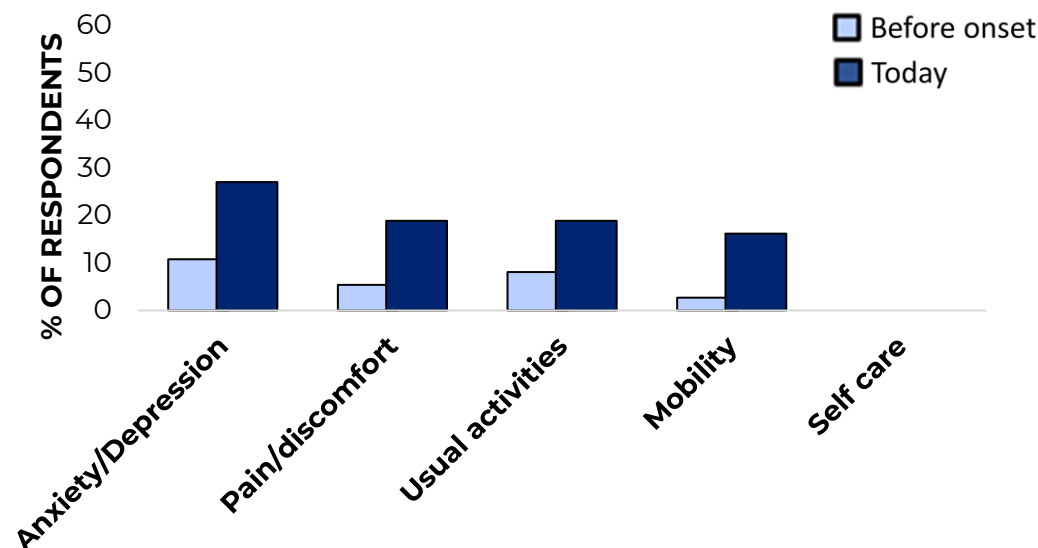


*Impact on health-related quality of life*

## Crohn's disease



## Melanoma



**Health needs**

**Health care needs**

*Quality of care*

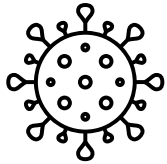
- **Crohn's:** 20% diagnosed >1 year after first consultation
- **Melanoma:** 50% waited >3 months before consulting

**Social needs**

*Impact on work*

- **Crohn's:** 45% reduced work or stopped working
- **Melanoma:** 20% reduced work or stopped working

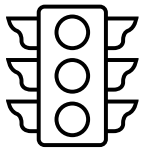
# Discussion



Applicability of the framework to other diseases and populations



Validation of the framework at the EU level



Rating of unmet needs



Data collection across EU countries

**Thank you for your  
attention !**



<https://www.health-needs.eu>