An unmet health-related needs evidence database and research infrastructure to guide healthcare policy and innovation
Background and objective

**Background:** No common definition of unmet needs → priorities not based on unmet needs → misalignment of innovation with public health needs

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

**Objective:** Develop, host and maintain an evidence database on patient and societal unmet needs in different health conditions
The NEED Approach: identification and measurement of unmet health-related needs

RESEARCH

Implementation Model and Evidence Database

Assessment Framework

POLICY

Appraisal of unmet needs
## The NEED Assessment Framework: criteria

### Dimensions

<table>
<thead>
<tr>
<th>Patients</th>
<th>Society</th>
<th>Future</th>
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| **Health needs** | Impact on:  
- Life expectancy  
- General HRQoL  
- Physical health  
- Psychological health  
- Autonomy | Frequency  
- AMR  
- Transmissibility  
- Burden on informal caregivers | Future burden of disease |
| **Healthcare needs** | Effectiveness of Tx  
- Quality of care  
- Burden of Tx  
- Accessibility | Preventability  
- Value for money of standard of care | Future economic burden |
| **Social needs** | Impact on:  
- Social life  
- Education  
- Work  
- Financial consequences | Productivity losses  
- Environmental impact of standard of care | |

### Domains

- Health needs
- Healthcare needs
- Social needs

### Equity

- Health needs
- Society
- Future
Populating the NEED database: 4-step implementation model

1. Identification of health conditions for unmet needs research
   - Existing databases
   - Call for proposals: from patients, healthcare providers, general public

2. Prioritisation and selection of health conditions for unmet needs research

3. Evidence collection on the criteria of the NEED framework: review of literature & databases, patient survey & interviews, expert opinion

4. Dissemination of unmet needs evidence
The NEED database: example of output
NEED research infrastructure: activities

- Coordination
- Standardisation of research methods
- Training
- Data collection
- Dissemination
- Maintenance
Expected impact of the NEED database and research infrastructure

- Improved prioritisation of the most pressing unmet patient and societal needs in funding and reimbursement decisions
- Increased predictability for developers and researchers
- Enhanced collaboration and sharing of information within and across European countries
- More patient-centred health systems
- Reduced disease burden in the long-term
Thank you for your attention!

https://www.health-needs.eu