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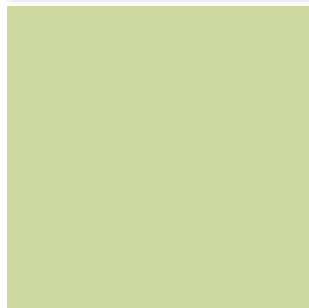
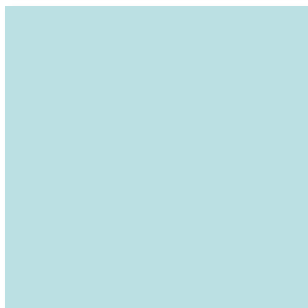
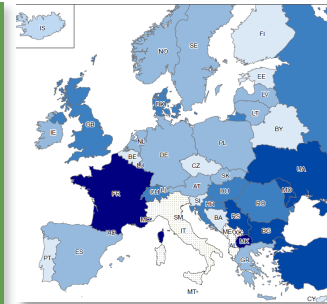
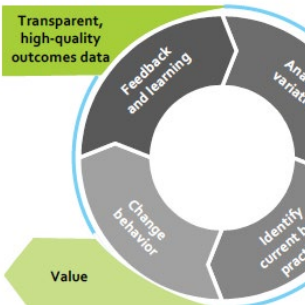
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VALUE BASED NEWBORN HEALTHCARE - MEASURING THE RESULTS OF TREATMENT THAT PATIENTS EXPERIENCE

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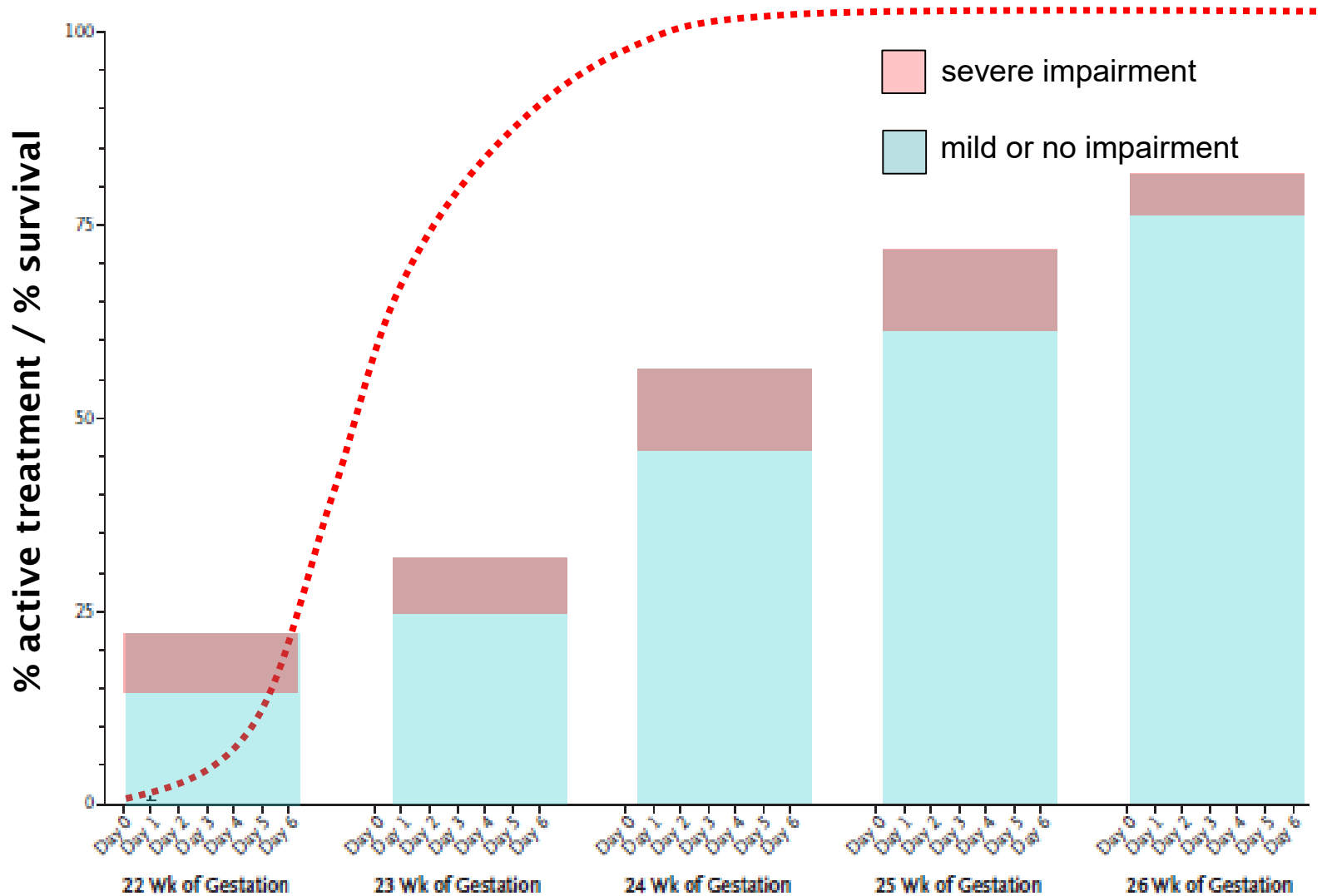
VALUE BASED NEWBORN HEALTHCARE

CASE:

- Pregnant mother @ 23^{3/7} wks (normal 40wks)
 - Child weight estimated 400g
 - Counselling for late abortion

 - Parents demand active treatment
- Transfer to level-III perinatal center hospital

NEONATAL MORTALITY AND MORBIDITY



VALUE BASED NEWBORN HEALTHCARE

CASE:

- Pregnant mother @ 23^{3/7} wks (normal 40wks)
 - Child weight estimated 400g
 - Counselling for late abortion

 - Parents demand active treatment
- Transfer to level-III perinatal center hospital
- Outcome that matters to parents & children?

OUTCOMES THAT MATTER

DOCTORS

- death
- neuro-developmental impairment
- visual impairment
- hearing impairment
- score on developmental tests
- chronic lung disease ...

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DOCTORS

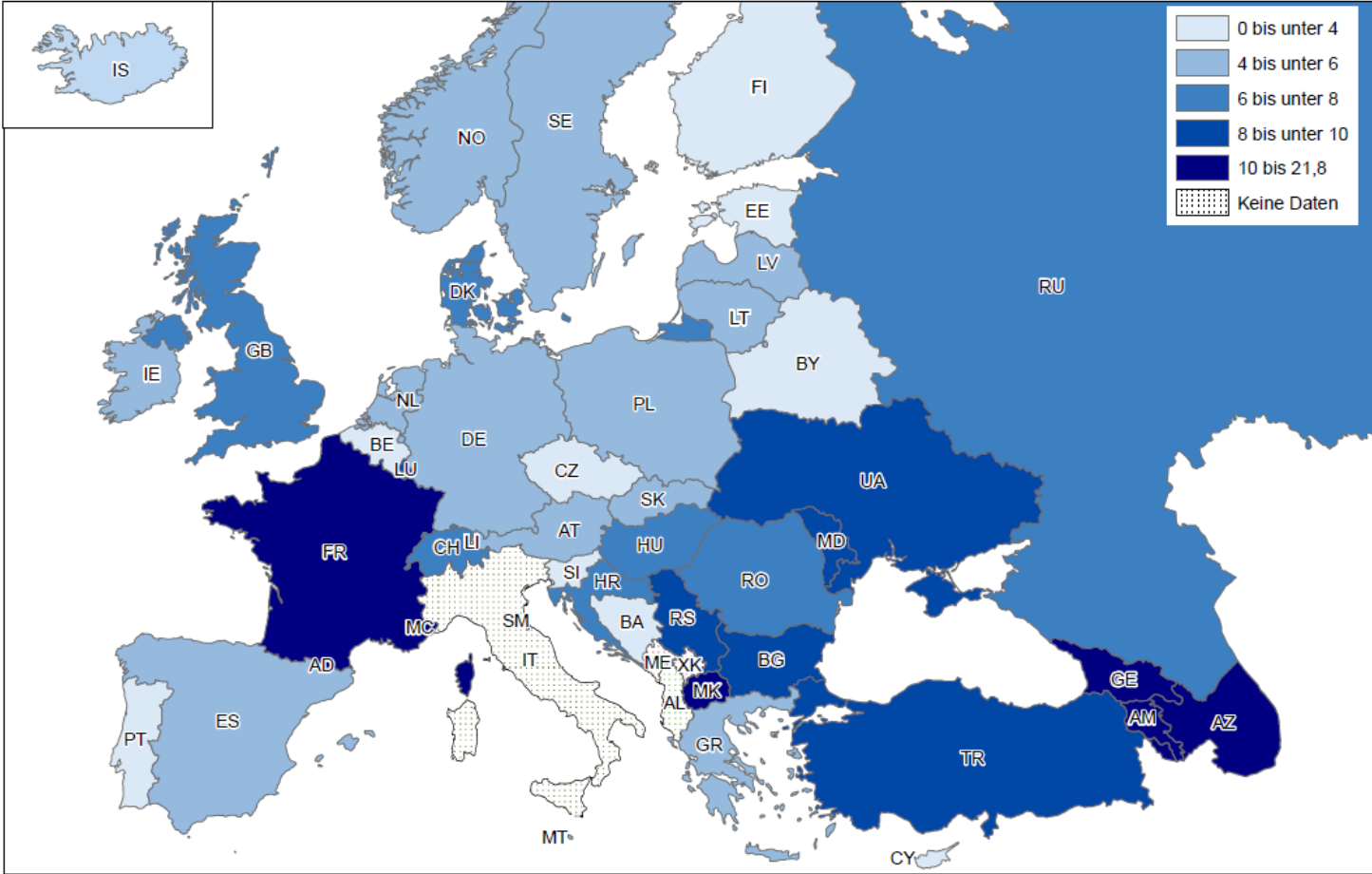
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PARENTS AND CHILDREN

- will my baby live?
- will my baby develop to be a happy child?
- will my child be able to enjoy life and communicate?
- will my child be able to live an independent life in society?
- how will my child be when I am gone?

VARIATION IN HEALTH OUTCOMES

PERINATAL MORTALITY IN EUROPE;
(DEAD CHILDREN / 1 000 LIVE BORN)





european standards of
care for newborn health

powered by

EFCUNI

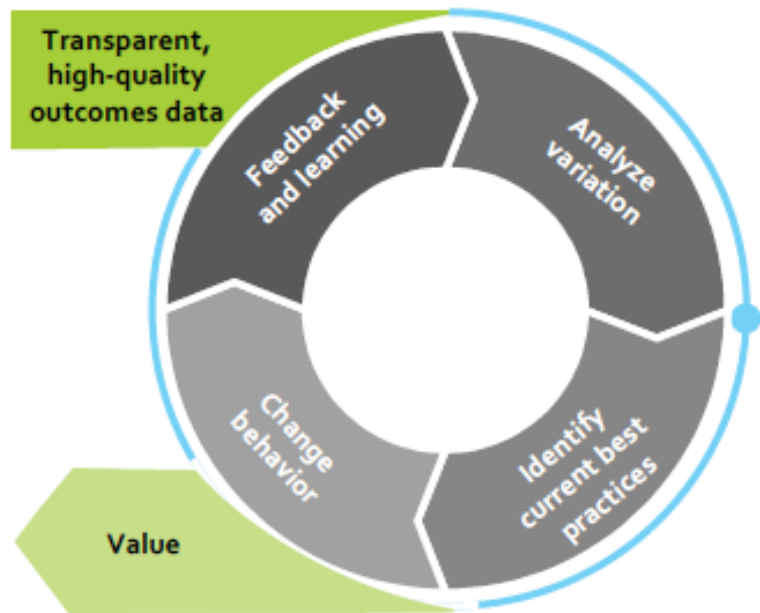


**International Consortium for Health
Outcomes Measurement**

A Standard Set for Neonates

www.ichom.org

Outcome measurement drives value improvements for all stakeholders



Key stakeholders



- **Patients** will choose their provider based on expected outcomes and their share of the cost



- **Clinicians** will improve quality of care by comparing performance and learning from each other



- **Hospitals** will differentiate into areas where they deliver superior outcomes at competitive prices



- **Payers** will negotiate contracts based on results, not volume, and encourage innovation to achieve those results



- **Life science** will market their products on value, showing improved outcomes relative to costs

VALUE BASED NEWBORN HEALTHCARE

- The fundamental **goal and purpose** of health care is **to improve value for patients**

$$\text{Value} = \frac{\text{Health outcomes that matter to patients}}{\text{Costs of delivering these outcomes}}$$

- Value is the only goal that can **unite the interests** of all system participants
- Value is created in caring for a patient's **medical condition** over the **full cycle of care**



The most powerful single lever for reducing cost and improving value is **improving outcomes**

Objectives of the ICHOM Preterm and Hospitalised Newborns project

AIM:

- We seek to balance a **comprehensive** view of measurements for evaluating preterm and hospitalised newborns with a **feasible** recommendation that providers can reliably implement.

DELIVERABLE:

- A minimum Standard Set which will **enable outcome measurement in routine clinical practice** to:
 - ✓ Improve decision making between providers and patients
 - ✓ Facilitate quality improvement
 - ✓ Allow for benchmarking across organizations

VALUE BASED NEWBORN HEALTHCARE

Preterm infants are a most
valuable group of patients

as any investment in their health
results in lifelong sustainability for
them, their families and the society