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Nottingham **Children's** Hospital

Nottingham CYP Health Research Group: Collaborations across a programme of clinically applied research

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Lead of CYPHR

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Aims

- To share a new clinically applied and clinically relevant research group from Nottingham with the purpose of improving children and young people's care and outcomes through collaboration
- To share a number of case study projects to show how partnership and collaboration can improve clinical research and outcomes
- To reflect on the joys and challenges





Who we are?



Nottingham Children's Hospital

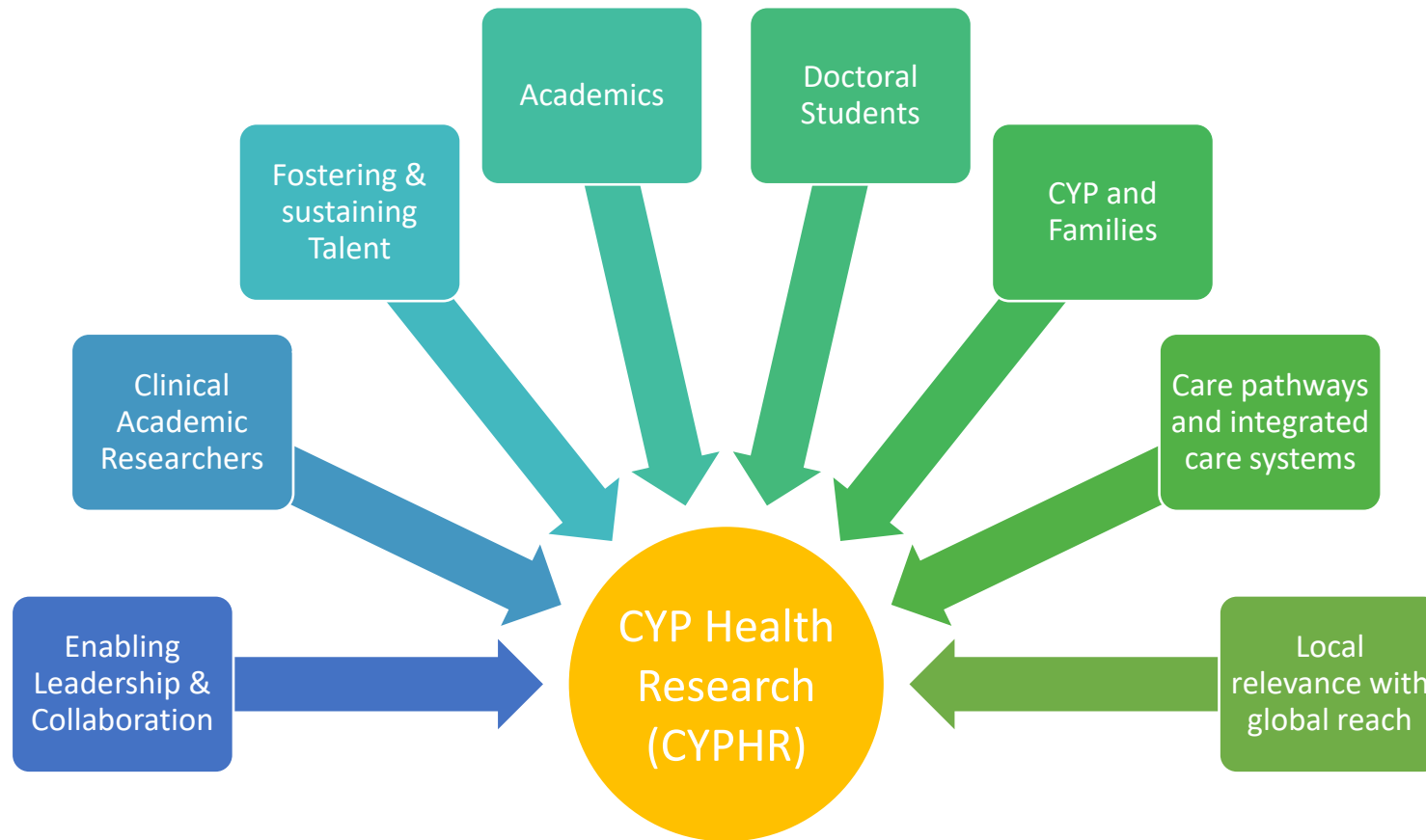
- 350 registered children's nurses; ~50 AHPS; > 101 CYP Doctors (consultant grade)
- 115 Inpatient Beds, 15 Specialties / 7 Regional Centres (RC)

School of Health Sciences

- CYP Team = 13 Academics
- One Professor and one to be advertised (PT)



A collaborative vision for clinically applied research





CYPHR Mission

“Our mission is to improve the health outcomes, well-being and lives of children and young people and their families across their life course through a multi-disciplinary and integrated programme of translational health research and innovation which has national and global reach and impact”



CYPHR drivers



- **Recruit** and retain talent
- **Improve** care and satisfaction
- **Collaborative** culture
- **Advance** standards and practice
- **Grow** business and financial success

(American Nurses Credentialing Centre, 2016)



- **Feeling safe**, cared for, confident.
- **Being involved** – consent, rights and self management
- **Best outcomes** to enable functioning and quality of life

(NUH, 2010; RCPCH/NHS Confederation, 2011)



- **Outputs** : world-leading originality, significance and rigour
- **Impact**: Outstanding reach and significance
- **Environment**: conducive to producing research of world-leading vitality and sustainability

(Research Excellence Framework, 2014)



CYPHR Themes



- **Complex Health Needs**

Models of care, long term needs, life limiting & palliative care, mental health & continuing care pathways

- **Health Transitions & Survivorship**

Transitions in status, services and pathways

- **Professional Health Development**

Training & education

- **Community Health and Well-Being**

Individual, community and global challenges and issues, leadership, change & community health

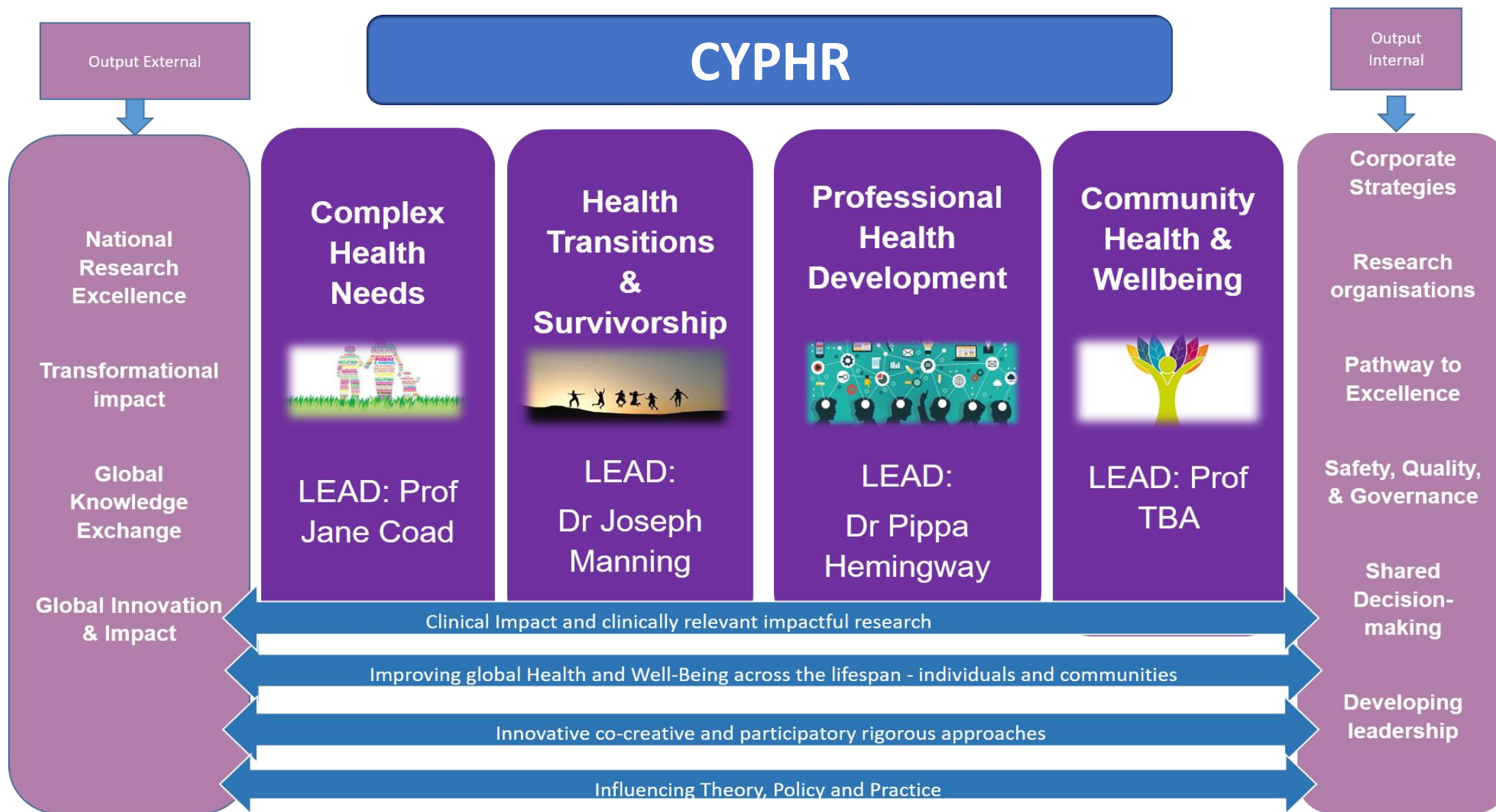


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Case study 1: Decision making for children with life-limiting conditions

Popejoy, Pollock, Manning, Almack, Johnston

Aim:

To explore decision making and future planning for children with life-limiting conditions, from a multi-stakeholder perspective.

Objective 1:

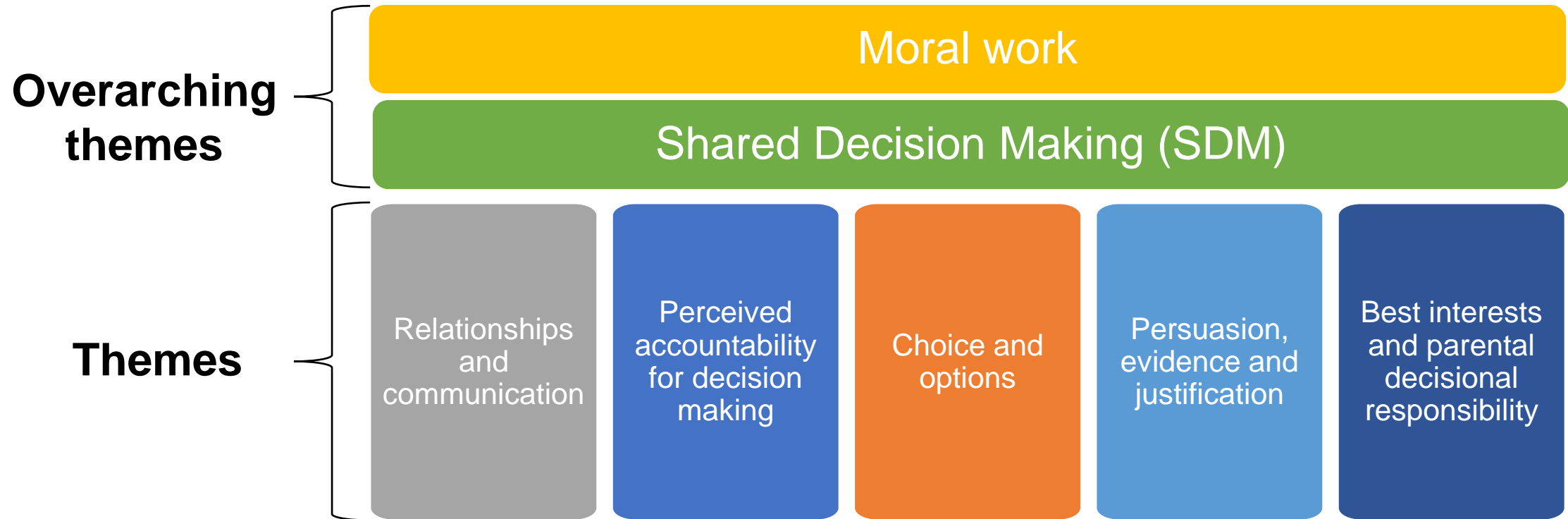
To explore experiences and preferences of families, professionals and 'significant others' for engaging in decision making and future planning for children with life-limiting conditions.

Objective 2:

To explore the communication between families, professionals and 'significant others' about decision making and future planning.

Objective 3:

To explore the networks of care that exist for children with life-limiting conditions and how decisions are negotiated and distributed through these networks.



- The need for critical reflection on decision making practice by professionals.
- Open discussion of evidence thresholds.
- The need for awareness of the moral work being undertaken by all those involved.
- Consideration of the Relational Ethics Framework (Carnevale et al, 2017).



Case study 2: Supporting CYP experiencing mental health conditions in acute paediatrics

Manning, Coad, Carter, Aubeeluck, Wood,
Armstrong and the CYP MH Study Group



Defining the domains for a Person Centred Outcome Measure (PCOM) in children and young people admitted with self-harm or eating disorders

Funded by 

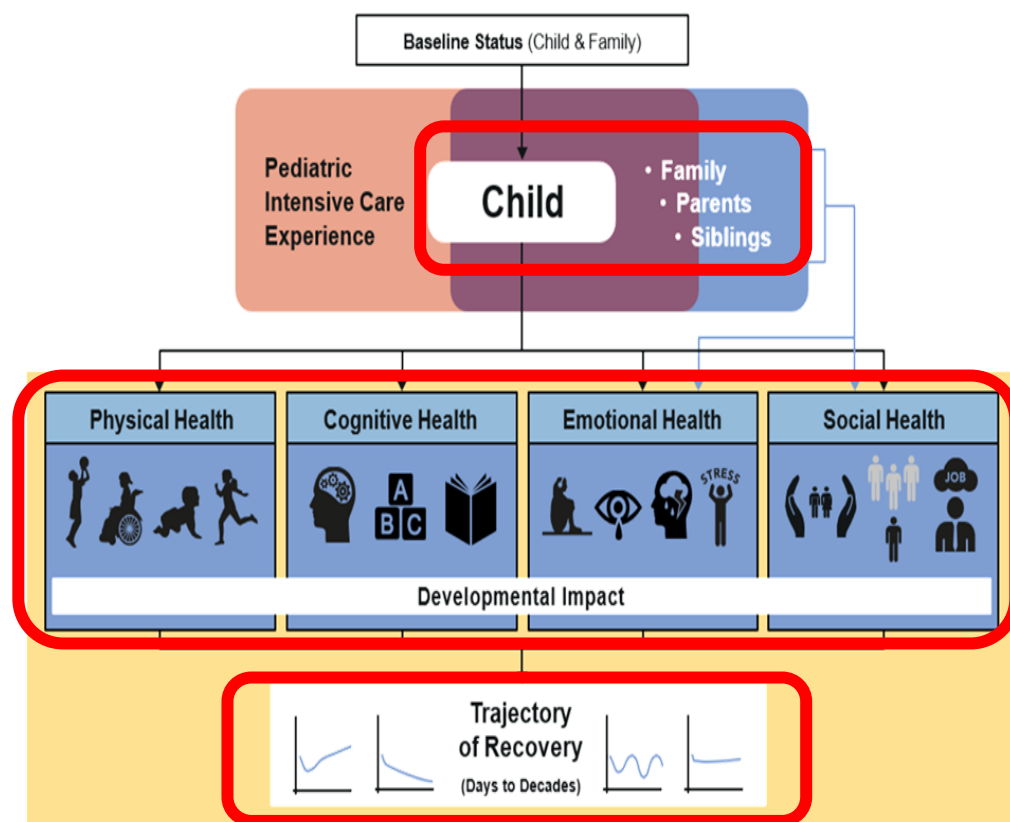


our care through our eyes

Funded by: 



Case study 3: Exploring and understanding the outcomes of CYP and families that survive PICU



Manning, Coad, Latour, Draper, Quinlan, Curley, Popejoy, and the OCEANIC study group

The OCEANIC Study

A multi-centre longitudinal mixed-methods study to explore the Outcomes of ChildrEn and fAmilies iN the first-year after paediatric Intensive Care discharge

FUNDED BY

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for Health Research

Manning, JC., Pinto, N., Rennick, J., Colville, G, and Curley, MAQ. (2018) Conceptualising Post-Intensive Care Syndrome in Pediatrics: The PICS-p framework. **Pediatric Critical Care Medicine**. 2018 Apr;19(4):298-300.



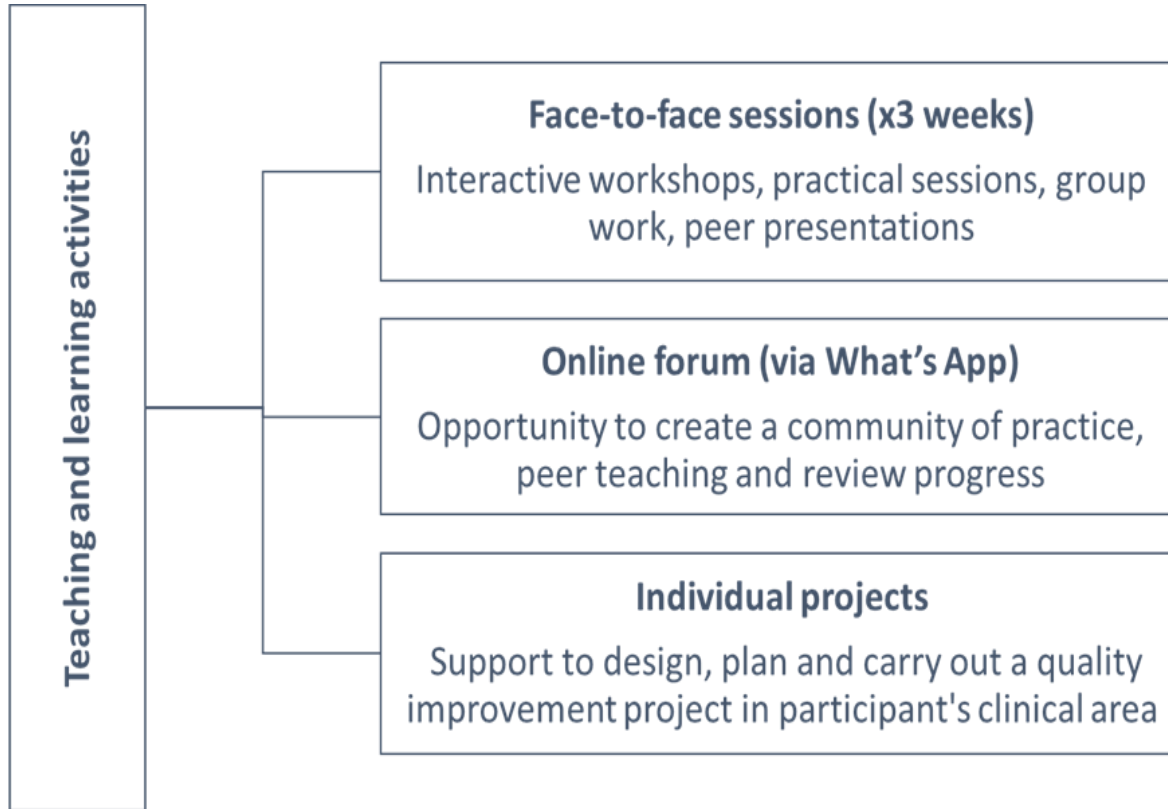
Case study 4: Implementation and Improvement Science- A course for nurses working in burns units in Malawi and Ethiopia

Holden, Potokar, Price and The Centre for Global Burn Injury Policy and Research

- 1) Is it possible to provide training on implementation and improvement science research, to nurses working on burns units, in Malawi and Ethiopia through a combination of face-to-face and online learning?
- 2) What barriers and/or facilitators do nurses in Ethiopia and Malawi encounter in finding, reviewing, applying and changing practice in relation to current evidence?



Course structure



Participant projects include

- Improving vital signs and fluid balance monitoring for HDU burn patient
- Improving the decontamination process of surgical instruments within the main theatres
- Improving pain control for burns patients during dressing changes
- Hand Hygiene practice among health workers in the burns unit
- Improving documentation following dressing changes
- Keeping the privacy of male and female burns patients



Collaboration – joys and challenges (Early messages!)

- Complexity transcends all our clinically driven research and education
- Partnership with CYP, Families, Professionals and other disciplines essential to legacy and impact
- Leadership, clear vision, and flexibility essential



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Thank you
Any questions

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