

Knowledge for Change

Name of Organisation:

Knowledge for Change

Fellowship Summary

Neo-natal sepsis is a major cause of infant mortality and morbidity in LMICs. This Fellowship Program focuses on building expertise in the early identification, prevention and management of neo-natal sepsis. We propose a multi-disciplinary program delivering comprehensive training spanning Infection-Prevention-Control, EDI, trauma, sepsis, physical examination of the newborn, acute illness management, record keeping and care pathway management. This will be complemented by transferable skills in leadership, data management and evidence-based practice (research). K4C is keen to develop a complex intervention around neo-natal sepsis in Fort Portal Regional Referral Hospital and Kasangati Health Centre (Uganda) and Mnazi Moja and Mawenzi Hospitals (Tanzania). We would regard the Fellows as Champions leading this intervention on their return. We will also link in two local Universities to support integration of the learning in their curricular so that new students will enter the profession with improved knowledge and skills in identifying and managing neonatal sepsis.

Weblink for Candidates

www.knowledge4change.org

Eligibility

We would invite applications from health professionals, of any relevant cadre, engaged in neo-natal care from Fort Portal Regional Referral Hospital, Kasangati Health Centre and Mountains of the Moon University (MMU) nursing and midwifery programs in Uganda and Mawenzi Hospital, Mnazi Moja Hospital, Mwembeladu Health Centre and the State University of Zanzibar in Tanzania. We will also consider applications from other key health centres which refer patients into the hospitals noted above in order to improve services throughout the patient care pathway and strengthen referral systems.

Proposed Fellowship Dates

12/02/2025 to 13/05/2025

Proposed Activity

Before arrival (2 weeks):

- We plan to start the Fellowships on an informal, virtual (but optional) basis on 15/02/2025 as this is the start of our partner Universities' teaching semester. We realise this is prior to selected Fellows' arrival in the UK, but it will enable them to meet staff and students at the very start of the modules detailed below and avoid missing critical learning.

- Identification of key syllabus areas in Tanzania and Uganda for delivery of improved neonatal sepsis training. At MMU this would focus on the Bachelor of Midwifery Science (co-created with K4C 5 years ago) where neonatal sepsis is covered under neonatology, but we would also scan other modules to create a comprehensive approach (e.g. IPC, leadership;

evidence-based practice).

Week 1:

- Completion of fellows' arrival documentation
- In-depth Induction Program including accessing accommodation, local orientation, practical support with IT/communications and settling in.
- Allocation of and guiding access to Associate Accounts at the University of Salford (UoS) (for accessing training and library facilities).

Week 2:

- Completion of bespoke needs assessment and individual goal setting, addressing transferable skills (writing, research and leadership, presentation etc.) with team building. The needs assessment will be used to finalise bespoke programmes for each fellow.
- Commencement of face-to-face attendance on relevant components of taught modules at UoS. Neonatal care is spread across a range of modules including Midwifery Clinical Skills; Care of the Neonate; Accountability, Autonomy and Professionalism; Acute Illness management. We will identify the key sessions in each module to build a tailored program.
- The 3rd day in Week 2 will take the form of a team workshop where each Fellow presents a 5-slide PowerPoint presentation on themselves and their objectives. This enables us to assess the need for skills training transferable skills (IT, literature review, research methods and presentational skills) and creates the opportunity to engage across disciplines and as a team.

Week 3-13:

- Continued attendance at UoS modules noted above.
- Arrangement of NHS observational placements in partnership with the University of Bolton's Medical School.
- Commencement of Formal Skills Training including qualitative and quantitative research methods (incl. SPSS and Nvivo); action research; ethics in research; Journal Club (to encourage fellows to read and share new knowledge); writing skills; presentational skills; leadership and change-making; and teaching skills)

Week 6-13:

- Identification of relevant conferences and workshops to augment formal training and expose Fellows to current debates in the UK regarding the NHS and global health care.

Week 12-13:

- Generating a plan for the development of an intervention to improve neonatal care within the identified health facilities and to improve curricula in public health, nursing and midwifery

programs at MMU and the State University of Zanzibar (including production of a Policy Briefing and PPT presentation).

Week 13:

- Final presentations to peer group and colleagues from University partners/key stakeholders and celebration event.

Priority Theme

Strengthening health systems and capacity