



Global PrAKI Consortium: Saving Mothers & Babies Lives

The Urgent Crisis in Maternal Health

Pregnancy-Related Acute Kidney Injury (PrAKI) is an unacceptably common, yet entirely preventable, complication. It is a neglected driver of maternal and infant mortality, increasing the maternal death rate by 9 times and the risk of adverse pregnancy outcomes by 3.5 times.

The inequity of this disease is staggering: the incidence is 30 times higher in low- and middle-income countries (LMICs). For those affected, 1 in 10 mothers and 1 in 3 babies will die. Survivors face devastating long-term consequences, including a 22-fold increased risk of heart failure and a 23-fold increased risk of stroke. Approximately 25% of acute dialysis provision is due to PrAKI which emphasises the need for prevention given the inequity in dialysis access. Given 83% of all maternal and newborn deaths could be averted with quality midwifery care, the current reactive system of "late rescue" must be transformed.

Our Solution

The Global PrAKI Consortium has developed a simple, scalable PrAKI Toolkit to drive prevention, early identification, and equitable care. By implementing our standardized pathway (Trigger, Detect, Monitor, Act) and training and empowering frontline workers through our "Kidney Kind" Midwife Champion program, we can deliver the right skills at the right time to save lives.

We are seeking philanthropic partnership to rapidly scale this life-saving intervention.

Investment Opportunities

£100,000: Catalyst for Frontline Prevention

This foundational investment directly targets the clinical frontline by empowering the workers most critical to maternal survival.

- **Establish Clinical Excellence:** Train and equip 20 dedicated sites on the complete PrAKI clinical pathway.
- **Empower Midwife Champions:** Launch the train-the-trainer programme for our "Kidney Kind" Midwife Champions, establishing a sustainable education network that will reach 20 countries.

£500,000: Advanced Care & Global Scaling

This tier transitions our work from a targeted intervention to a global movement, whilst advancing critical rescue therapies for the most severe cases.

- **Global Expansion:** Scale the PrAKI pathway and Midwife Champions training programme to reach 100 countries.

- **Pre-Hospital Integration:** Extend the PrAKI pathway training and Point-of-Care (PoC) diagnostics to ambulance and emergency transport personnel, ensuring vital fluid stewardship and baseline kidney monitoring begin the moment a patient is in transit.
- **Advanced Rescue Training:** Develop and implement Emergency Peritoneal Dialysis (PD) training in collaboration with the ISN through the *Saving Mothers Lives Programme*. This will uniquely incorporate continuous lactate monitoring to accurately guide when to safely cease emergency PD in PrAKI patients, a key clinical problem.
- **Foundational Policy Engagement:** Initiate strategic advocacy with regional health authorities and policymakers to begin laying the groundwork for formally recognizing the PrAKI pathway in maternal health standards.
- **Cross-Border Collaboration:** Facilitate South-North learning exchanges for midwives, ensuring that vital, resource-efficient innovations developed in LMICs are shared to improve global practice.

£1,000,000: Universal Rollout & System Transformation for Global Impact

At this highest tier, partners will fund a definitive paradigm shift in global kidney care, transitioning our obstetric success into a universal model for AKI prevention.

- **Universal AKI Pathway Trial & Adaptation:** Conduct a definitive, multi-country clinical trial to adapt, validate, and roll out the AKI pathway for *other* (non-pregnancy-related) causes of community-acquired AKI.
- **System-Wide Workforce Expansion:** Evolve the "Kidney Kind" training network beyond midwives to upskill the entire frontline ecosystem. This will deliver targeted training to paramedics, ambulance dispatch networks, nurses, and family care doctors, creating a seamless, life-saving safety net from community to hospital.
- **National Policy Integration:** Work directly with Ministries of Health and the WHO to embed the standardized pathway into national clinical guidelines and essential health packages, ensuring government-backed permanence.
- **Digital Health Ecosystem:** Scale the KARE digital monitoring app globally, integrating its predictive algorithm data into national health systems to build the world's largest, proactive acute kidney health registry.

No mother should lose her life bringing a child into the world and no baby should be left motherless, especially from a preventable condition. We already have the clinical knowledge, innovative tools and global network to stop PrAKI in its tracks. What we need is philanthropic vision to scale them. By investing in the Global PrAKI Consortium, you are making a direct, measurable intervention to save the lives of countless mothers and babies worldwide.

