

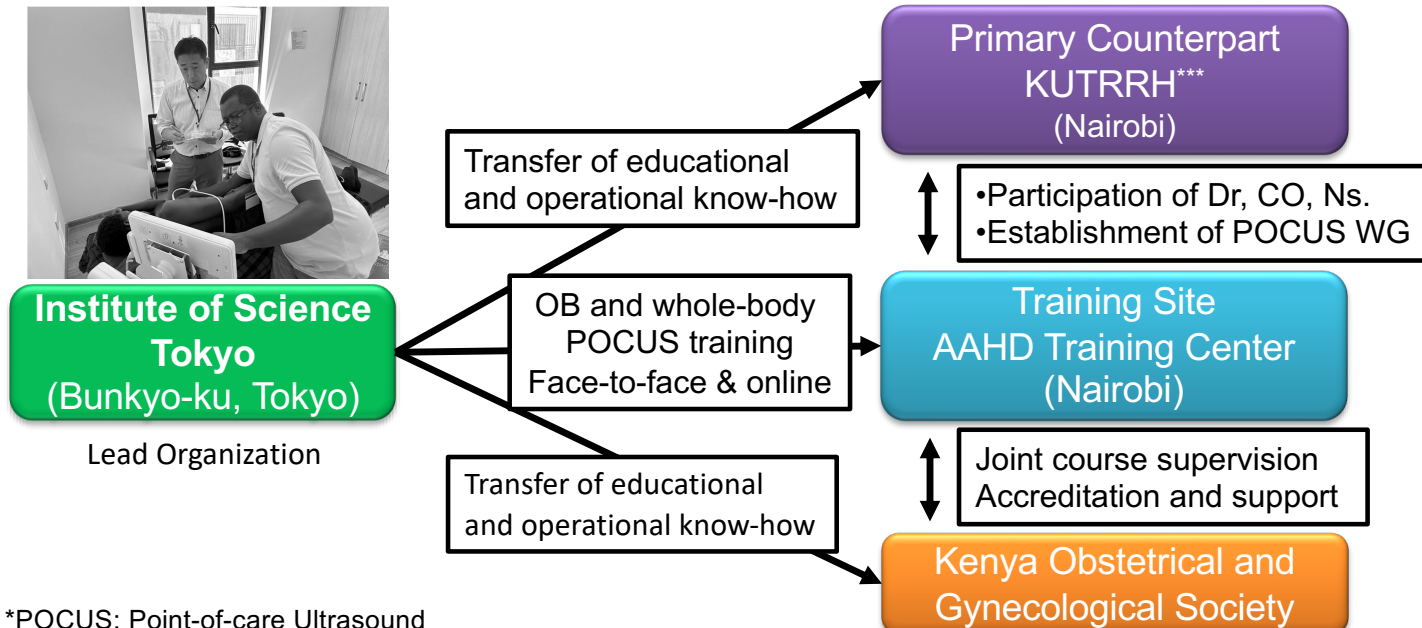
Establishment of a multidisciplinary training platform for obstetric and whole-body POCUS to improve maternal and child health and perinatal care in the Republic of Kenya

Institute of Science Tokyo (Year 1 of a 3-year project)

Objective: To provide Japanese-style perinatal POCUS training for multidisciplinary healthcare professionals, establish a sustainable education system, and improve the quality and accessibility of antenatal and perinatal care

Relevance to Target Country: POCUS* aligns with Kenya's healthcare system and national health policies, and is incorporated into the 2024 obstetric POCUS guidelines, with high acceptance in perinatal care settings.

Expected Outcomes / Goals: 1. Clinical implementation of perinatal POCUS and establishment of a TOT (Training of Trainers) program: training 90 learners and 30 instructors across three major cities over three years. 2. Institutionalization through certification by the obstetrics and gynecology society, and establishment of a self-sustaining training system led by local instructors centered on AAHD and KUTRRH**. 3.Reduction in maternal and neonatal mortality through early diagnosis, and development of an educational infrastructure anticipating the introduction of Japanese ultrasound devices and remote education systems



*POCUS: Point-of-care Ultrasound

**KUTRRH: Kenyatta University Teaching Referral & Research Hospital

<Expected Outcomes for FY2026>

- Establishment of an educational infrastructure(development of training materials and an online education system)
- Training of 30 multidisciplinary healthcare professionals in Nairobi and certification of ≥10 local instructors(online lectures, on-site hands-on training, remote US supervision, and local certification exams)
- Strategic discussions to establish a local training system with KUTRRH** and the Kenya Obstetrical and Gynecological Society