

A CONTEXT-SPECIFIC TRAINING SYSTEM

TO EMPOWER NURSES TO PERFORM A PARACERVICAL
BLOCK PROCEDURE IN SUB-SAHARAN AFRICA
WITHIN LOW-RESOURCE SETTINGS

This graduation project addresses the need of a training system for nurses in sub-Saharan Africa within low-resource settings, with a specific focus on Kenya. Nurses lack guidance and training to perform a Paracervical Block (anesthesia) using a certain device, called the Chloe device.

The final training system consists of two key components: **the job aid** and a **demonstration device**.

The job aid guides nurses through the paracervical block procedure and its use of equipment. Placed on the theater walls, it serves as a conversation starter among medical professionals, enabling them to support and train each other in using the Chloe device. It supports work and activity by directing, guiding, and enlightening performance.

The demonstration device helps the trainer to demonstrate the cervix with its injection sites. It is also useful for teaching how to perform the procedure and can be used by the nurses for practical training.



Hang on the wall for guidance through the procedure.



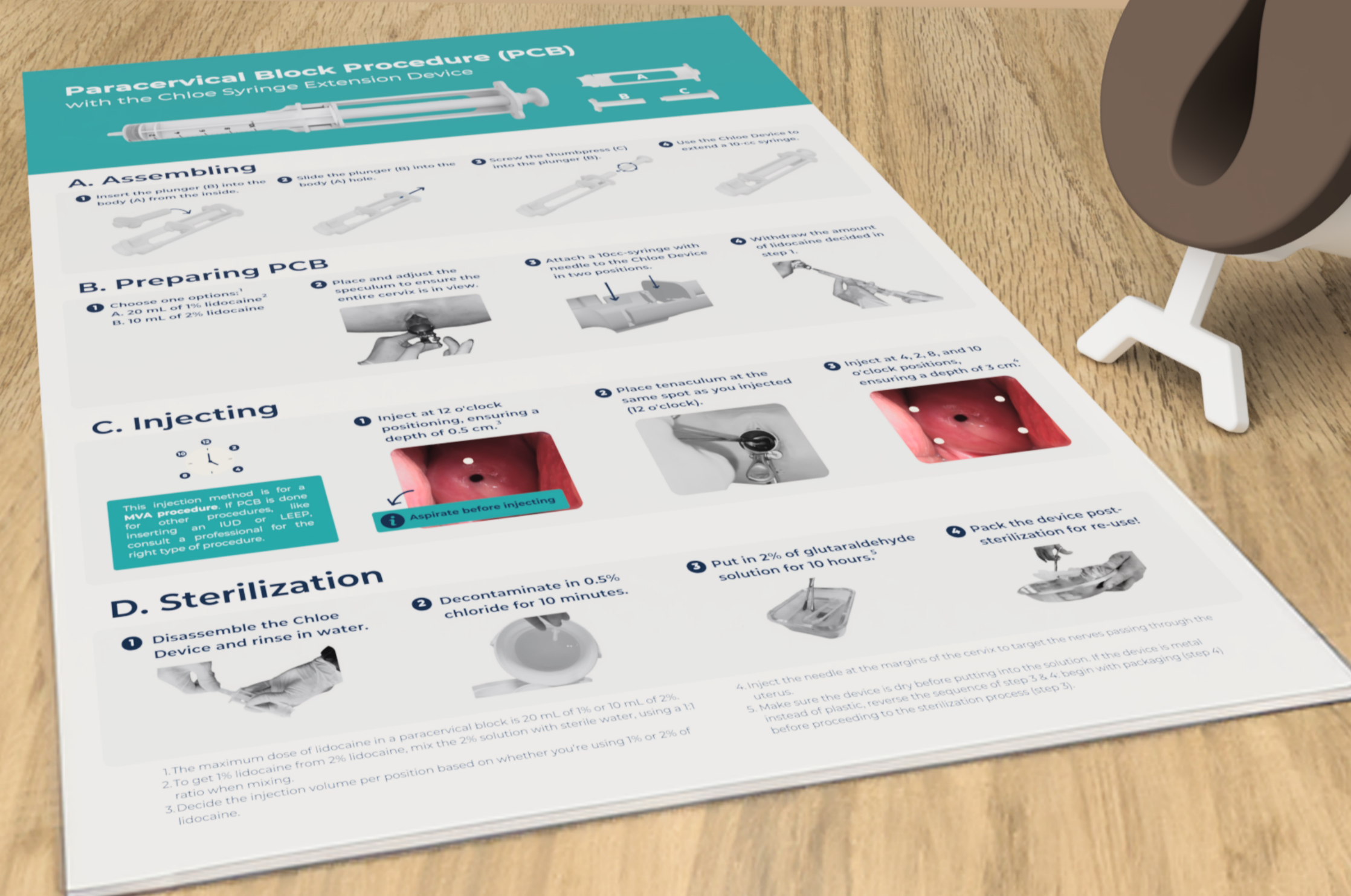
Use for training purposes for medical professionals.



Demonstrate the cervix with injection sites.



Provide training on how to perform the procedure.



Joséphine Kiewiet de Jonge
A Context-Specific Design of a Training System for Paracervical Block, using Chloe Syringe Extension Device, for Sub-Saharan Africa within Low Resource Settings: the First Stage
08-03-2024
Integrated Product Design - Medisign

Committee Prof. Dr. Ir. Diehl, J.C.
Dr. Ir. Paus-Buzink, S. N.
Ir. Samenjo, K. T.
Company Chloe Innovations

