

Interinstitutional training on diabetes and diabetes foot management in LMIC and humanitarian settings

 PRESENTER:
Aebischer Perone Sigiriya

BACKGROUND:

Diabetes:

- Is the leading cause of non traumatic amputations worldwide;
- Causes up to 50% of amputations seen in the International Committee of the Red Cross (ICRC)'s physical rehabilitation centres

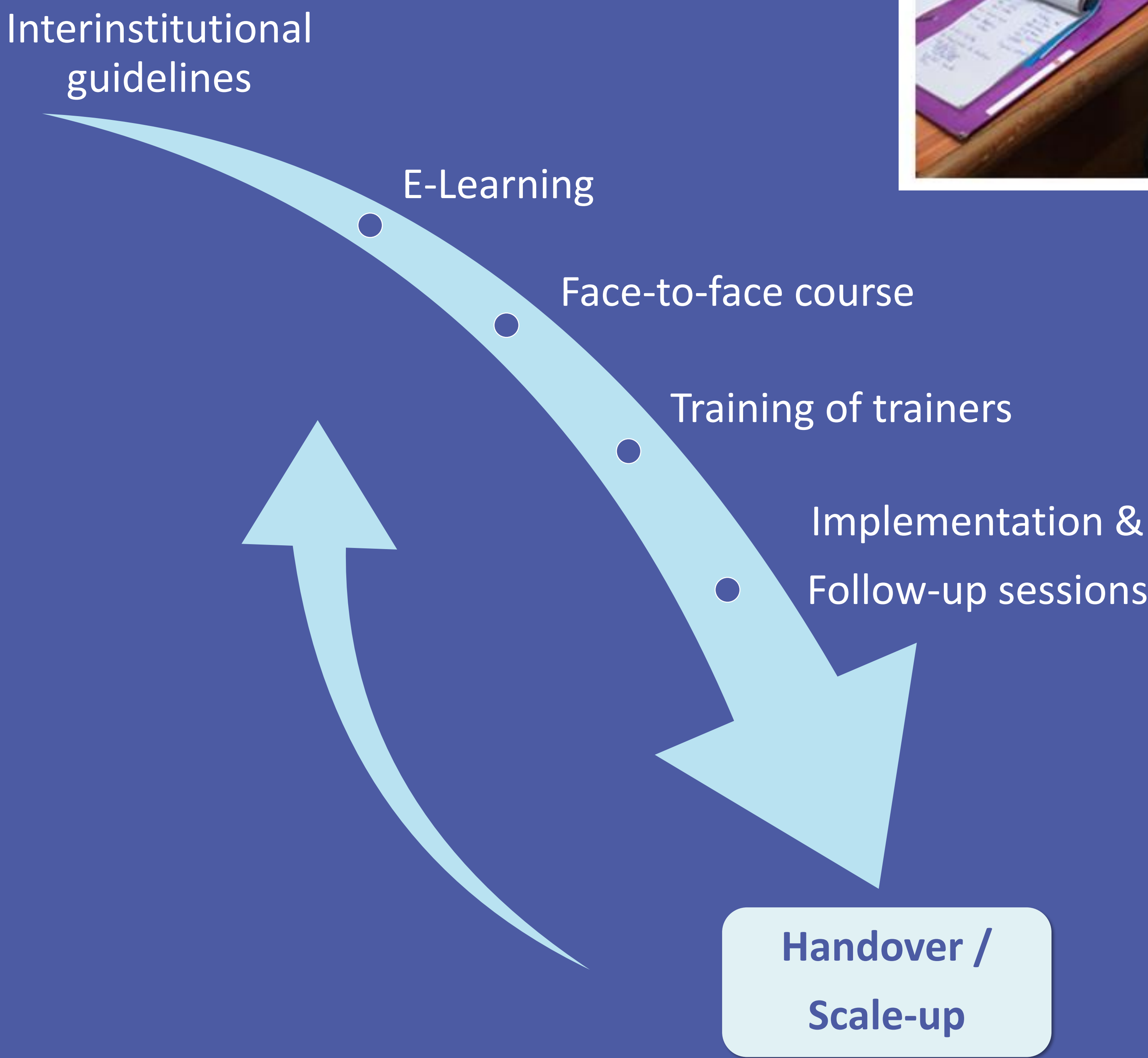
Objective:

Document implementation of guidelines and of a blended interprofessional training, and its scale up within a long-standing partnership approach by the International Committee of the Red Cross, Geneva University Hospitals, Université Numérique Francophone Mondiale and D-foot international.

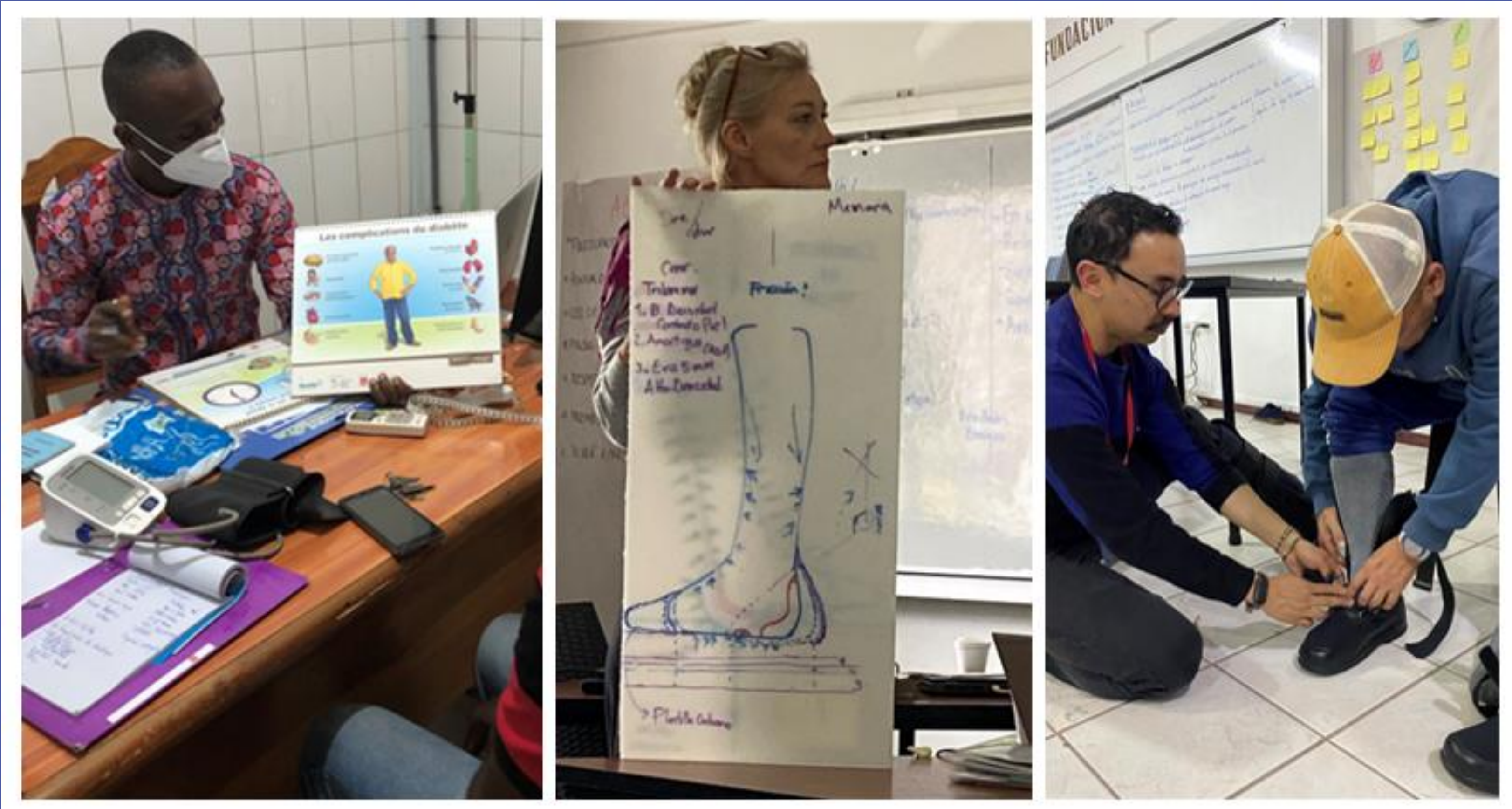
METHODS

- 2020:** **Interinstitutional guidelines** were issued for nurses, doctors, mental health and rehabilitation specialists
- 2022:** A **blended training** was rolled out (e-learning, practical face-to-face training, virtual classrooms) in **Beirut** with persons from Lebanon, Syria & Iran) and in **2025 in Quito** with persons from Ecuador, Peru and Colombia.
- 2025:** **Training of trainers'** (ToT) course for transmission of knowledge and practice was provided in Ecuador.
- Replication of the face-to-face training by trainers** in Peru and Colombia.
- Evaluation by **questionnaire** of health professionals' competencies
- Analysis of patient outcomes** in the targeted facilities.

Training process



Interinstitutional collaboration within a partnership approach empowers partners to implement interprofessional care, take over and further disseminate knowledge beyond the initially targeted institutions and countries



RESULTS

- **383 people** accessed the e-learning
- **22 learners** completed the face-to-face training in **Lebanon**, **20** in **Ecuador**. **ToT course in Ecuador: 10 people** completed it.
- **Confidence increased** in interprofessional collaboration and management of people living with diabetes (5-point scale from 3.39 to 4.22); Following training, trainees reported observing **improvements in foot ulcer healing**.
- **Handover** to CRONICAS in Peru: **replication** of the training in October 2025 (30 participants); replication in Colombia by the Colombian Red Cross and ICRC (28 participants).

DISCUSSION

Longstanding international partners elaborated guidelines, completed by a blended training and supervision to change practices. Local capacity was further strengthened by a ToT, aiming at takeover.

This **interinstitutional international partnership approach** built on respective strengths facilitated training roll out and implementation of team-based care for people living with diabetes and diabetic foot..

This led to improved patient outcomes and to the training handover to local institutions for scale up.

 Aebischer Perone S., Castellsague-Perolini M., Bourgeois A., Chappuis F., Savoy C., Jornayvaz F., Gariani K., Pataky Z., Vuagnat H., Benyaich A., Perrier A., Ha Van G., Kleinebreil L., Nair H.K.R, Abbas ZG., Cruzado Castro L.

Scan to discover the guidelines

