

Improved hand hygiene for safer birth

Presenter: Senghort Ret

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WaterAid Cambodia

14 February 2023,
Brisbane, Queensland, Australia



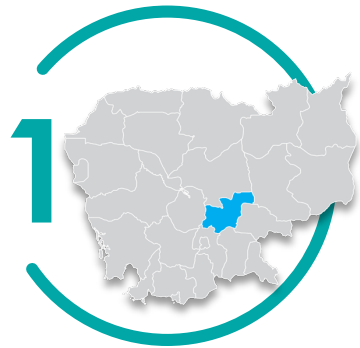
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#WaWF23

Contents



Project Brief



Findings from CHAMP
and Introduction CHAMP Plus



Research and Intervention
Components



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What's next?

Project Brief

Changing Hygiene Around Maternal Priorities (CHAMP) is a research and learning initiative to improve hygiene behaviors that affect maternal and infant infections during and after childbirth in health facilities.



LONDON
SCHOOL of
HYGIENE
& TROPICAL
MEDICINE



• **Midwives**



• **Mother of newborn baby**



• **Caregivers**

Results from CHAMP

❖ Formative Research:



- Hand hygiene compliance among midwives and visitors



- Hand hygiene facilities



- Changing gloves without washing hands

❖ Intervention development and testing:



- Multi-modal intervention improving availability of infrastructure and supplies



- Increase in hand hygiene compliance

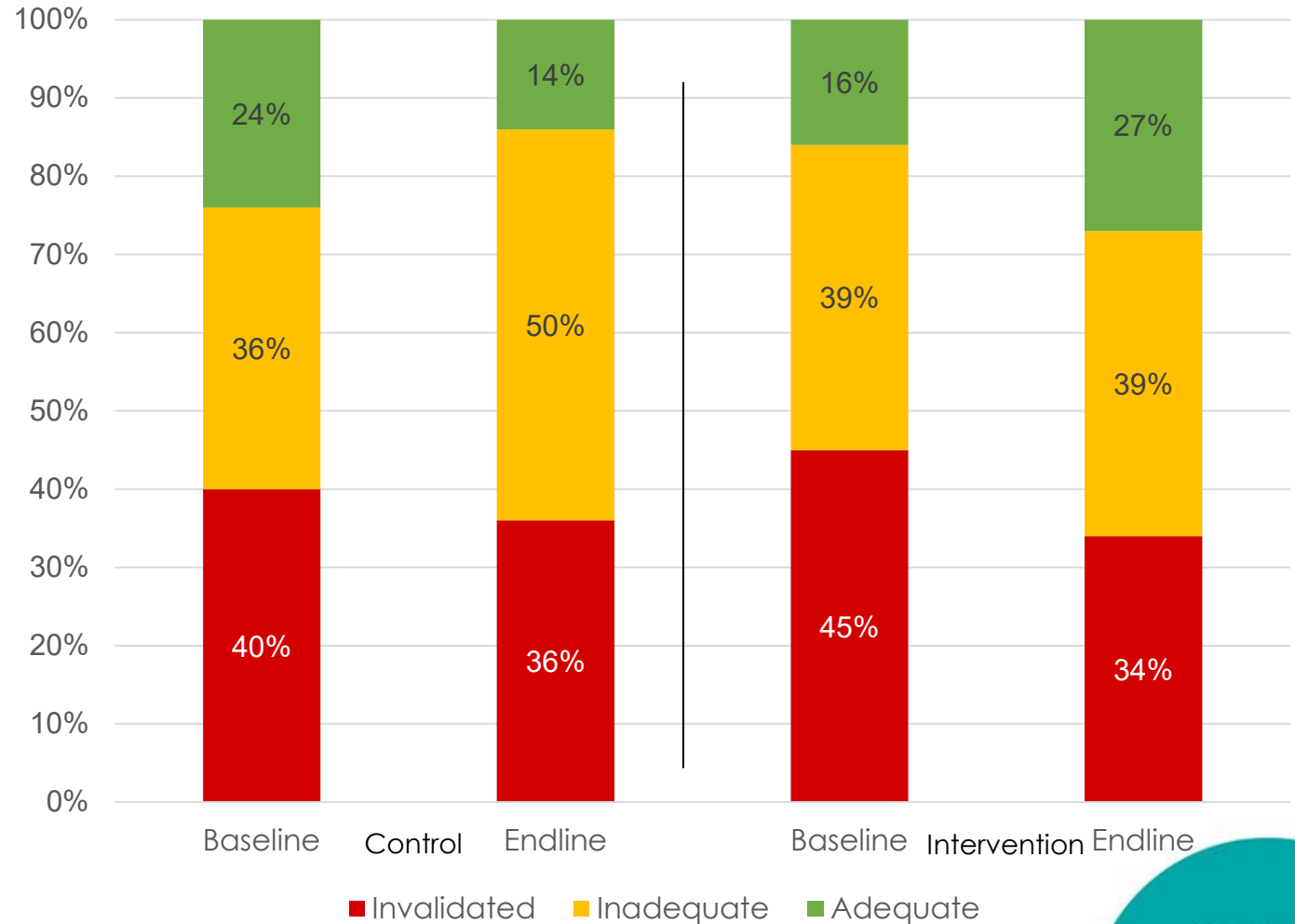
Results from CHAMP



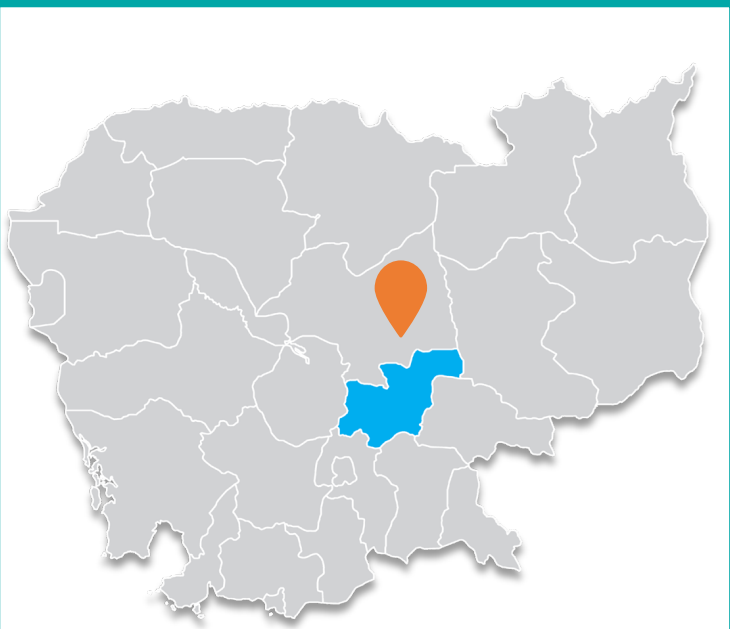
- 4 Intervention Facilities
- 4 Control Facilities

Kampong Chhnang Province, Cambodia

Results: Hand Hygiene Status at Hand Hygiene Opportunities



CHAMP Plus



Kampong Cham Province, Cambodia

- 2 facilities for formative research
- 3 Intervention Facilities
- 3 Control Facilities



Strengthen programme components targeting hand hygiene in Post-Natal Care areas.



Include low-dose, high-frequency training modules.

Low Dose High-Frequency (LDHF) training



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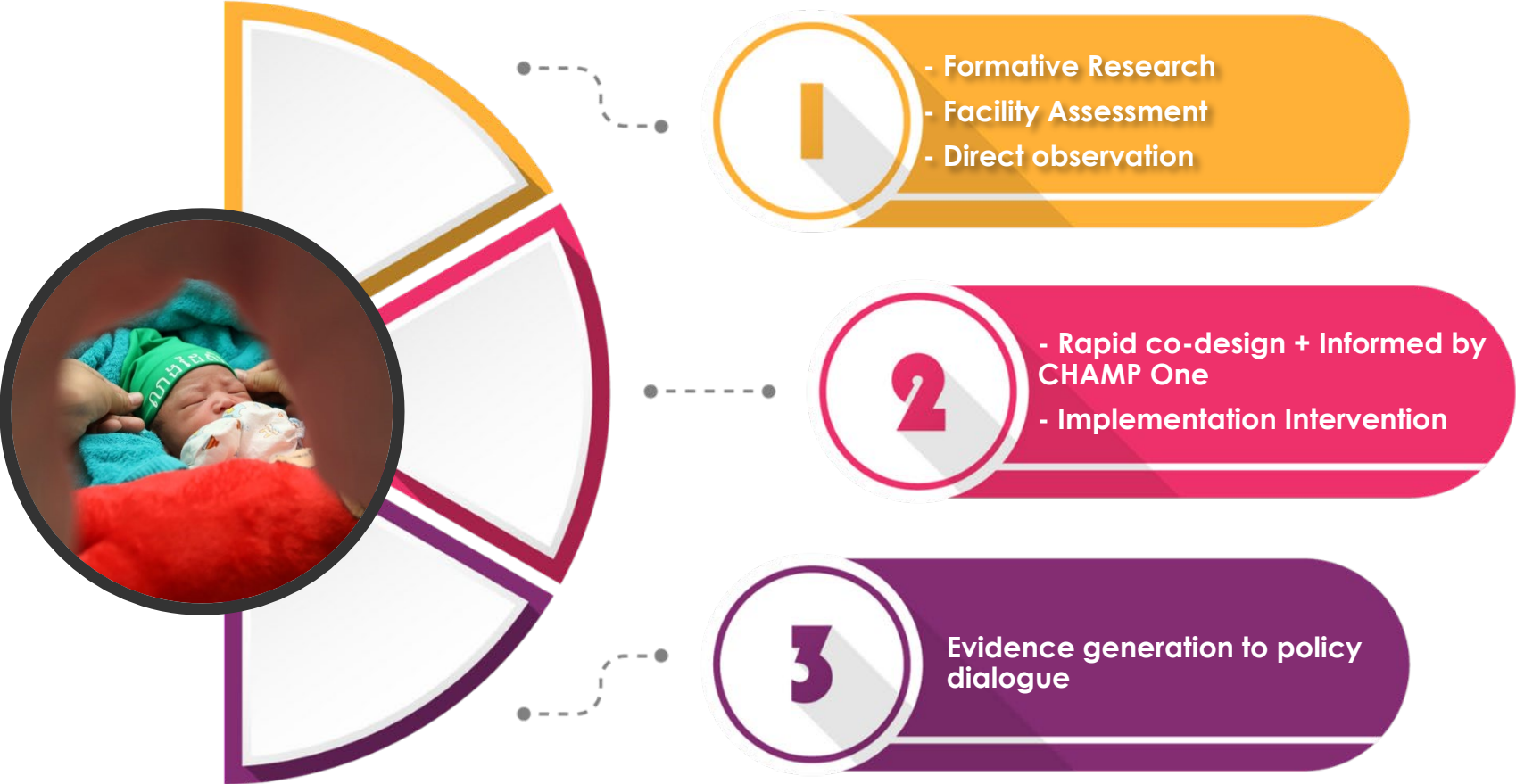
Traditional training approaches:

- Long duration of training (hours or days)
- Infrequent
- Limited reach
- Didactic

Low Dose High Frequency Training

- Short, frequent training events
- Focus on applied learning and simulations
- Apply to real-life situations
- Online telegram engagement

Components of Research



March 2022

July 2022

October 2022 – January 2023

February 2023

April 2023

Baseline Evaluation

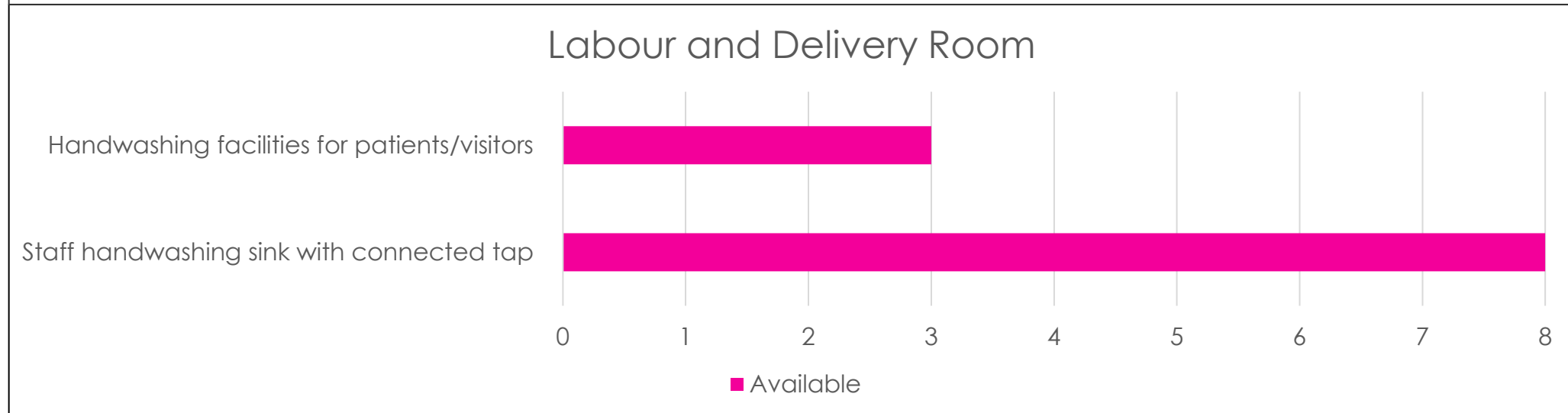
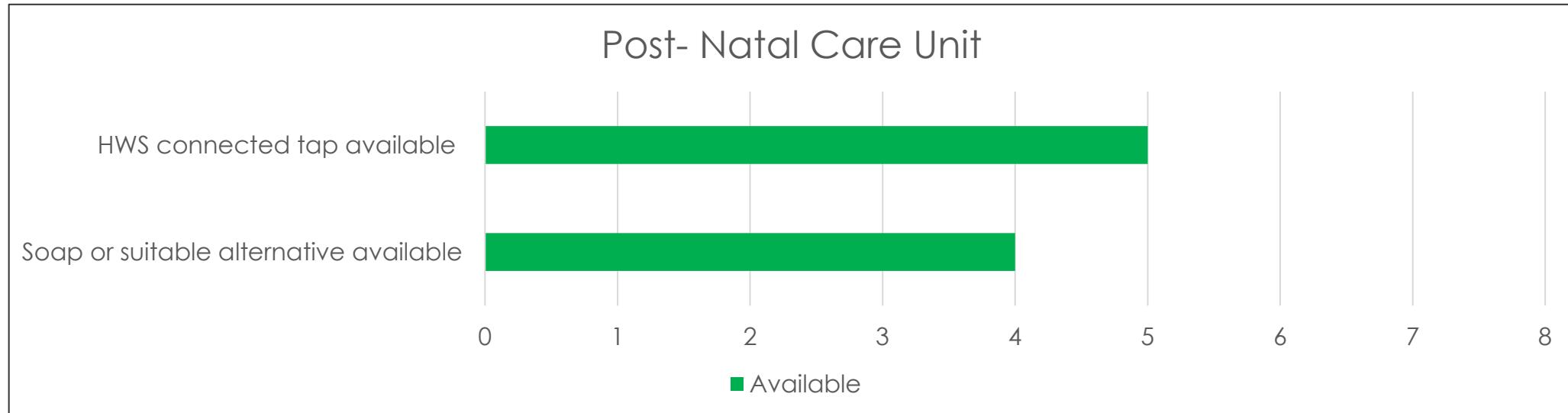
Version of Perfect (VoP)

Intervention Periods

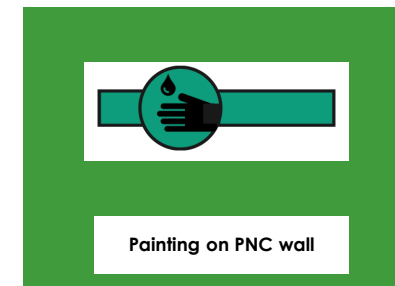
Endline Evaluation

Dissemination Workshop

Result from Baseline Evaluation: Facility Walkthrough



Intervention Components (Post-Natal Care)



Intervention Components (Labour & Delivery Room)



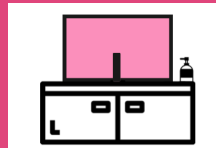
Colour Ranking Board



Nudge Stickers



Code "Word Recharge" and Champion



Painting at HWS



Training Booklet



Hand Hygiene Posters



Case Study



Video- Hand Washing Steps



Video- Hand Washing + Virus

Preliminary observation from intervention monitoring

နေ့စွဲ	စီမံခန့်ခွဲမှု	အချက်အလက်
၀၈.၁၀.၂၀၂၂	✓	ပစ္စည်းအားလုံးစုံလင်စေခြင်း
၂၂.၀.၂၀၂၂	✓	အချိန်ပိုမိုပေးခြင်း
၂၃.၀.၂၀၂၂	✓	ပစ္စည်းအားလုံးစုံလင်စေခြင်း
၂၅.၁၀.၂၀၂၂	✓	အချိန်ပိုမိုပေးခြင်း
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Scanned with CamScanner

- The ranking board is a helpful tool/material for midwives to evaluate their hand hygiene practice.
- Midwives found that LDHF training is more effective than traditional training.
- Telegram/ Online training is an acceptable platform to support in-person training.



What's next?



WaterAid/Ret Senghor

- Endline data and analysis forthcoming.
- Policy brief for both CHAMP projects will be developed to influence Cambodia's national health policy.
- Training materials will be finalized based on research findings.
- Dissemination workshop with stakeholders and Health Governments in April.

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