

safe+natal — Comadrona-Designed Smartphone Checklist for Maternal Risk Screening in Rural Guatemala

Digital Inclusion · Good practice · Guatemala

Quality score: 96/100

Evidence strength: Randomised controlled trial

Summary

Kaqchikel Maya traditional midwives co-created the pictograms and audio prompts of a low-literacy smartphone app that screens pregnancies for danger signs; a randomized trial found referral rates for high-risk births far higher than usual care.

Key dimensions

Dimension	Score
Innovation level	4/5
Sustainability (ongoing)	1/1
Evaluation evidence	1/1
Demonstrated reach	1/1
Documented learning	1/1

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-05

[Wuqu' Kawoq / Maya Health Alliance & Emory University Co-Design Lab for Health Equity](#) — accessed 2026-09-05

[Reproductive Health \(Martinez et al. 2018\)](#) — RCT results — accessed 2026-09-05

[Co-Design Lab for Health Equity — safe+natal press & publications](#) — accessed 2026-09-05

[Wuqu' Kawoq / Maya Health Alliance](#) — accessed 2026-09-05

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