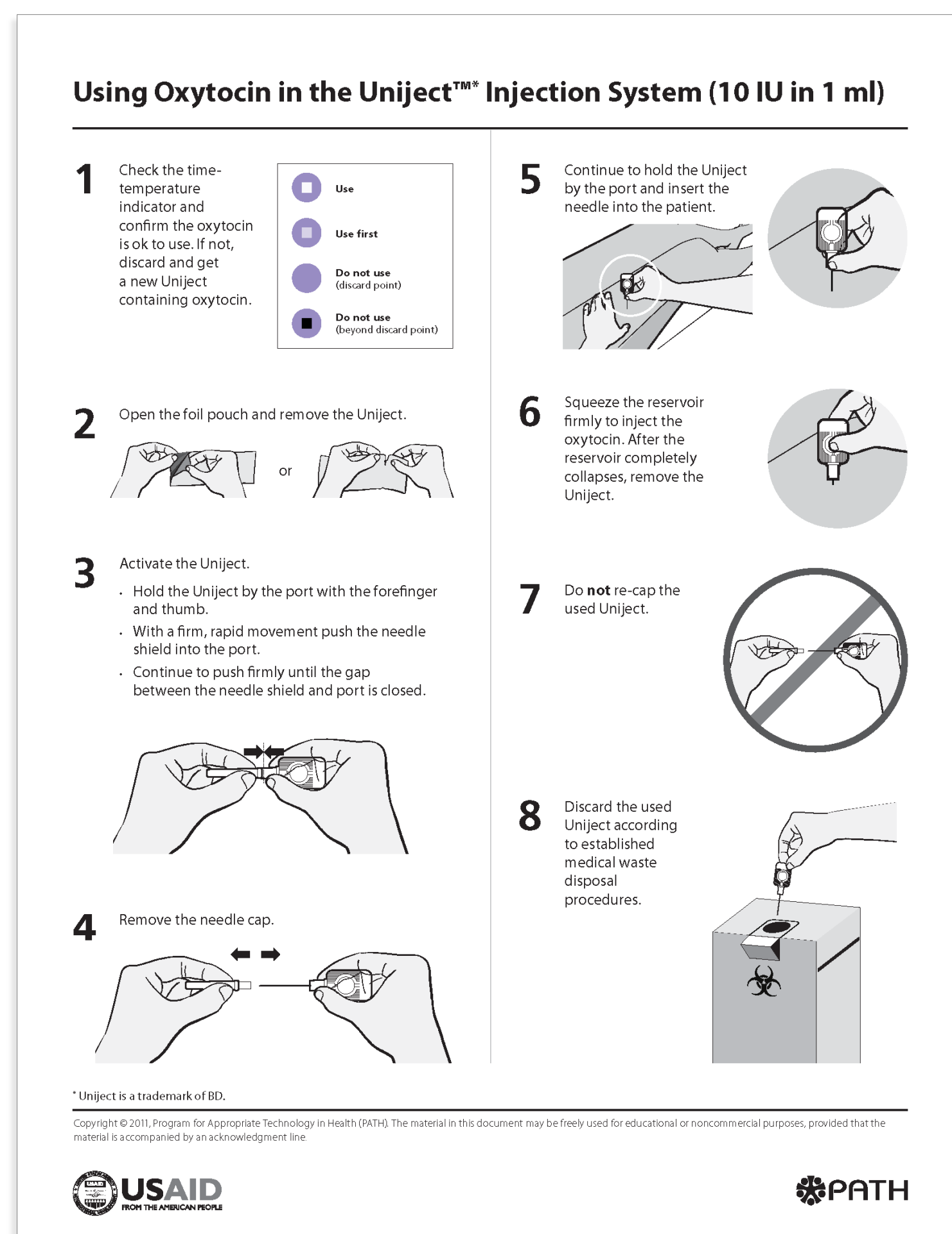# Job Aid Smart Apps for Community Health Workers

Problem: Limitations of paper job aids

Procedures and calculations can be complex and hard to remember.

Solution: job aid app

A job aid app could help community health workers perform well with limited training.
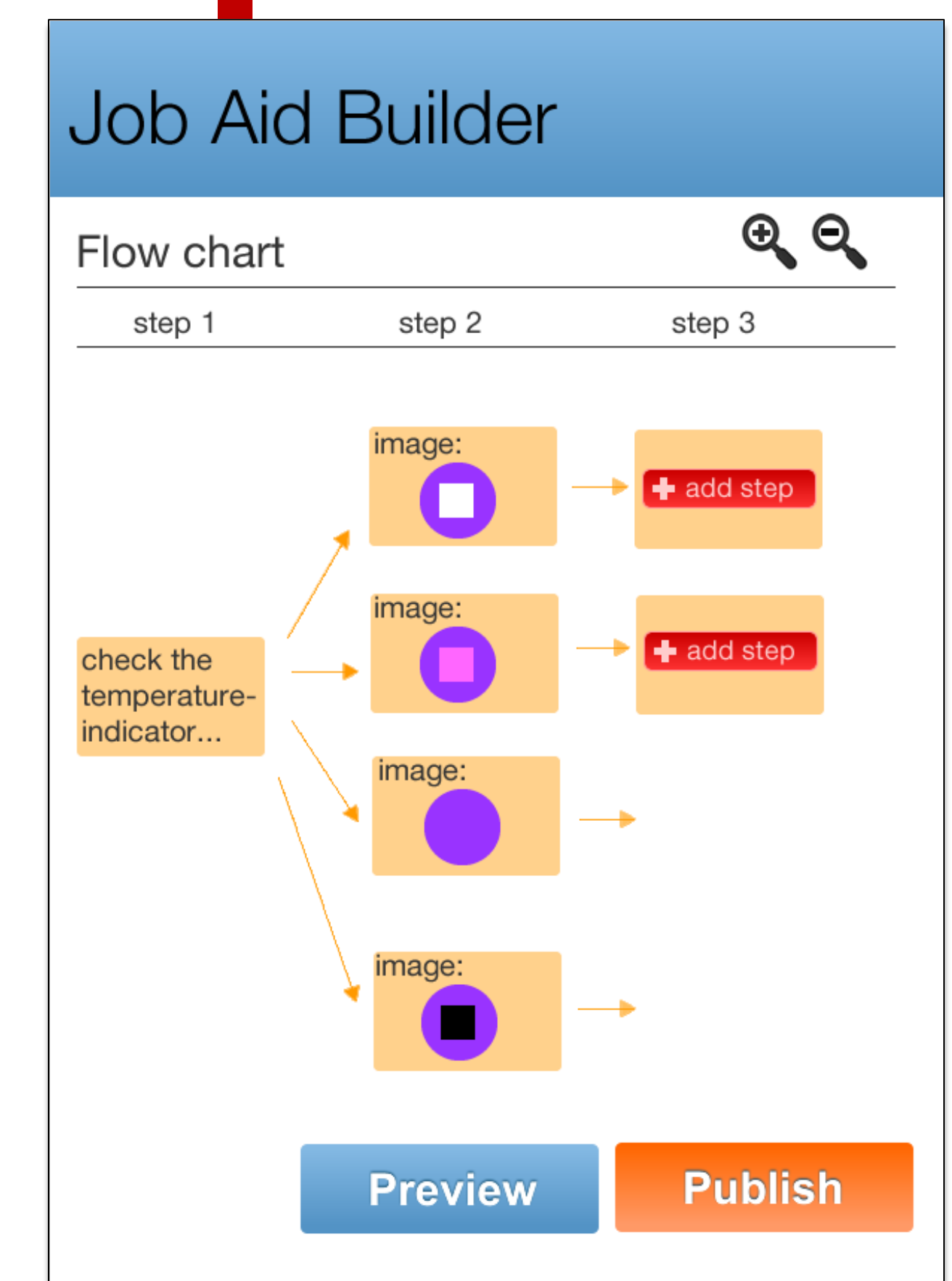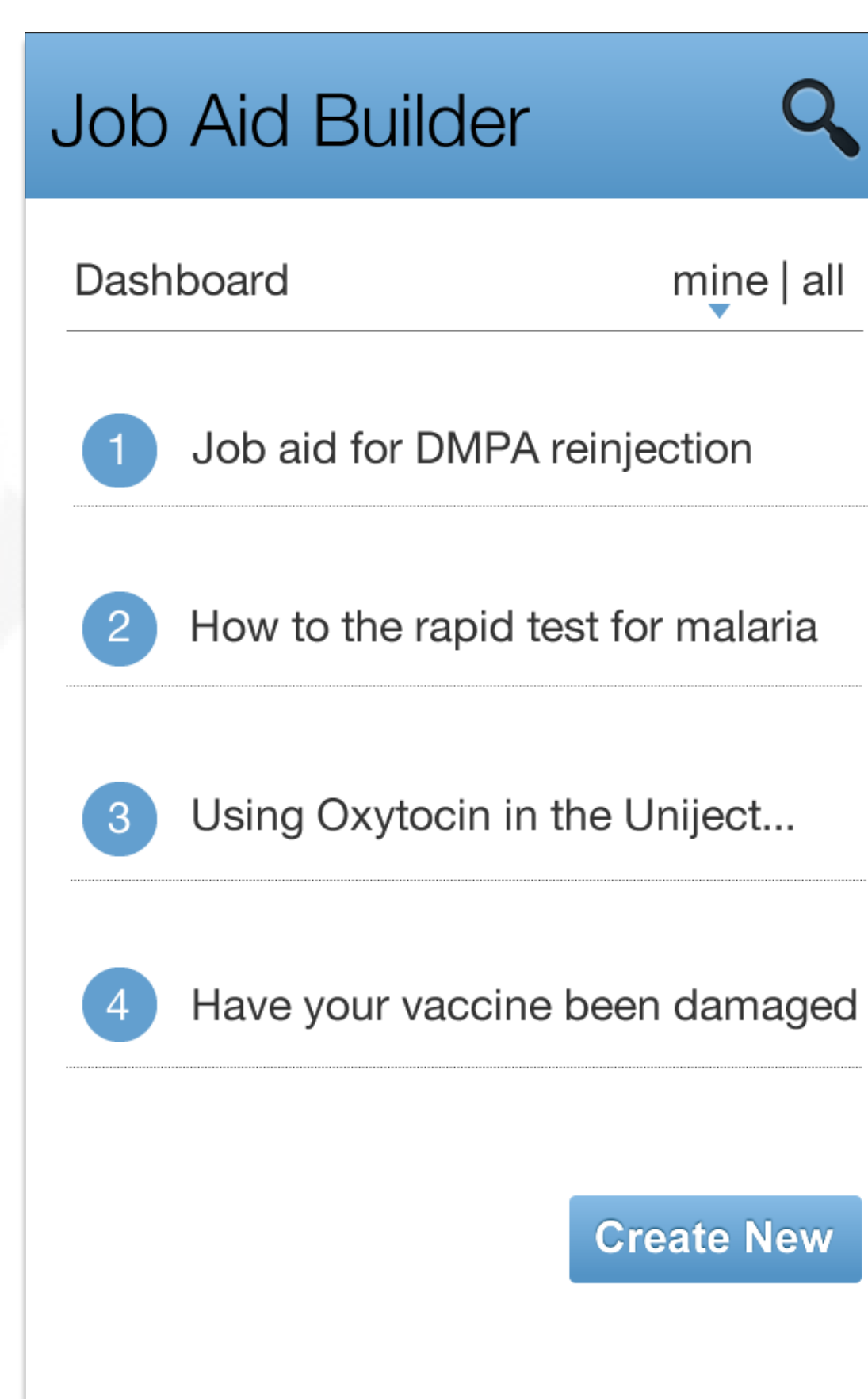

Related work

- Human resource management is a major challenge in global public health.
- Many NGOs are evaluating community health worker training costs and alternatives.
- Similar instructional apps exist, though not for the same context.

Field work

- Conducted interviews and rapid usability testing with 10 public health and communications professionals.

Interviewee and user feedback

- Important app elements:
  - Images or videos
  - Ability to see full context of steps
  - Clear wayfinding
  - Calculations
  - Timers

- Not yet clear how this can be introduced in non-US public health systems, but could be feasible in US settings.
- Could potentially improve training systems.

Job aid app builder

- Designed for non-programmers.
- Can be used on desktops or smart phones.
- Generates both apps and printed job aids.

Spring quarter proposed timeline

Weeks 1-4:	Develop/refine app builder and apps
	Conduct further research on how this could be integrated into US or non-US public health systems.
Week 5:	User test apps and app builder
Weeks 6-9:	Refine based on user feedback
Week 10:	Final prototypes of app builder and apps