



Field Birth: A Baby Focused Web-Based Resource for Out of Hospital Births

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Introduction

Despite the rise in home births and enroute to hospital deliveries, the opportunities and resources for pre-hospital care providers to participate in visual demonstration and fundamental information regarding critical concepts of newborn care are limited.

Aim

The aim of this program is to determine if using video on-line methodology would positively impact the knowledge of prehospital care providers about newborn management following out-of-hospital "field" birth.

Content Validity

Content validity establishes that the knowledge presented is based on evidence that is established in the profession. The program content validity was determined based on the evaluation by , midwives, and experienced paramedics, doulas, and laypersons.

Content

Program modules focused on newborn post delivery care.

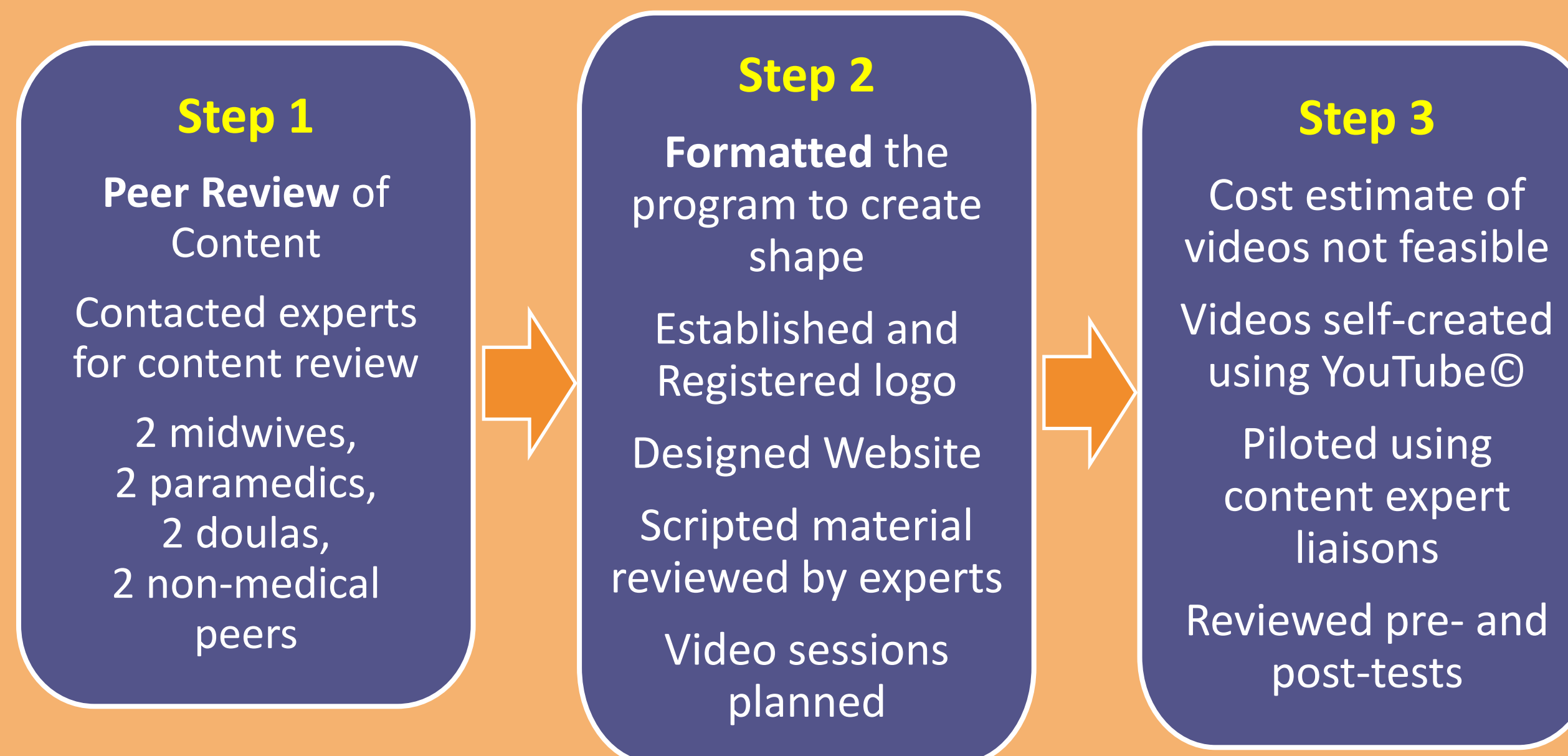
Every Newborn Module - knowledge needed for every birth

Breathing Newborn Module – breathing assessment & bag mask ventilation

Hand-off Newborn Module – communication related to newborn.

15-item pretest-intervention-post-test method was used to test the basic concepts of the module. YouTube® Amateur video environment was used to deliver the content. The entire program was web-based. Participants were also asked to comment about the learning experience.

15 Students/Learning Module B	Pretest Scoring Mean	Post-test Scoring Mean
Every Baby	9.8	13.9
Breathing Baby	11.6	14.2
Handoff Baby	6.3	12.8
Total	9.2 (66 %)	13.6 (90%)



Evaluation

Despite introduction to a new type of learning, first responders improved their knowledge regarding newborn post delivery care. Although a small sample, overwhelmingly the responses indicated that visualization was extremely helpful. Web-based newborn education was not previously available to these providers.

My Leadership Journey

- Experience is wisdom – mentoring was extremely helpful (**Model the Way**)
- Collaborative with intra-disciplinary providers is key to success (**Inspire a Shared Vision**)
- Development of web-based learning modules was effective (**Challenge the Process**)
- When a project stalls, collaborate with positive people (**Enable others to Act**)
- Piloting in a low-resource area increases applicability (**Encourage the Heart**)
- Funding makes a better product (**Next Steps**)

Next Steps

- To seek funding to provide Field Birth to rural and underserved areas

Literature & Resources

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