

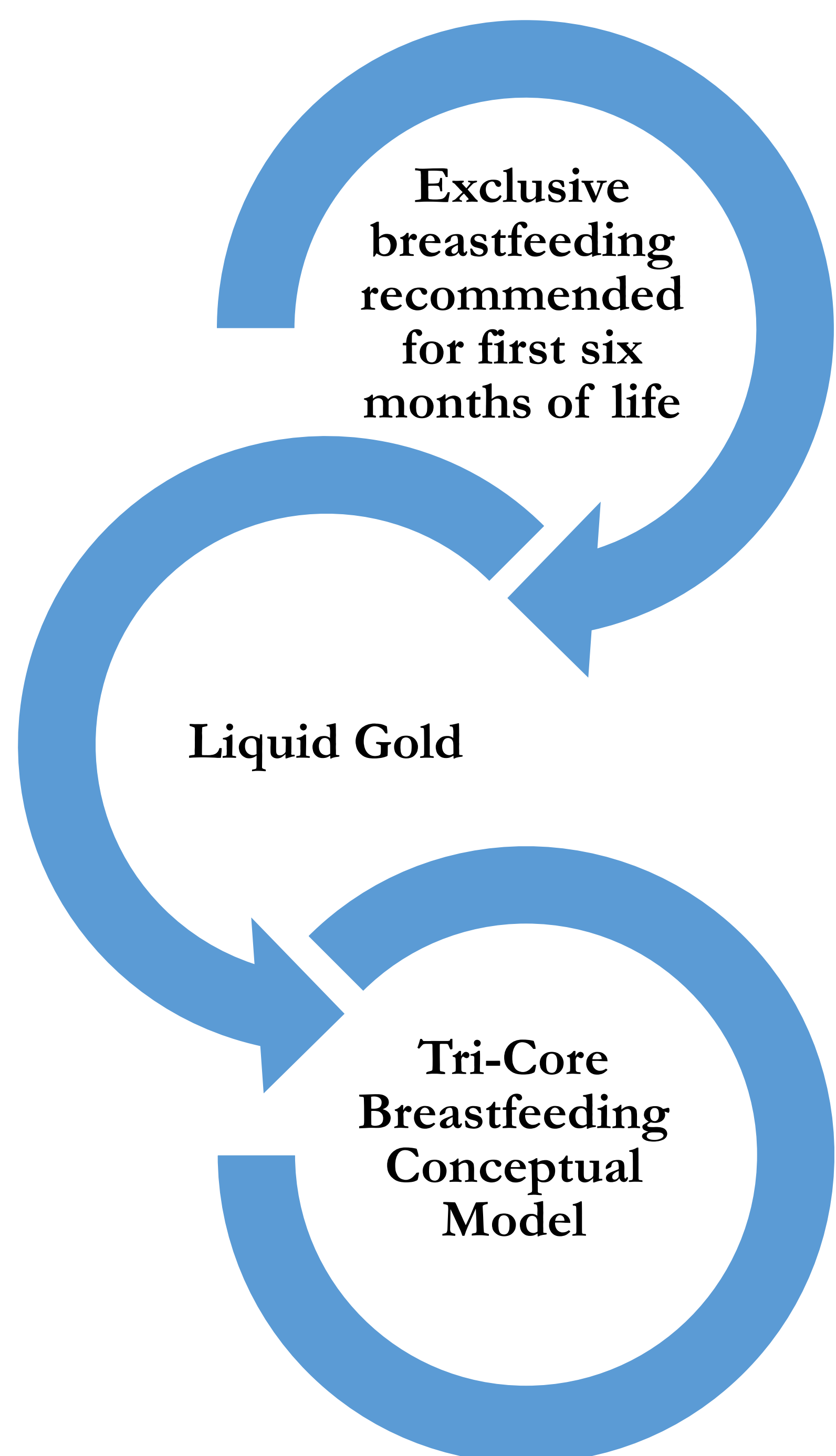
IMPLEMENTATION OF AN ONLINE BREASTFEEDING EDUCATION MODULE AMONG NURSE PRACTITIONER STUDENTS

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Introduction & Background



- “Ever breastfed”: 81.4%
- Healthy People 2030 Target: 42.2% exclusively breastfed for six months
- Currently: 25.6% Exclusively breastfed for six months

- Infants: decreased acute and chronic conditions
- Mothers: improved mental health; decreased risk of some cancers
- Society: Billions of medical savings per year

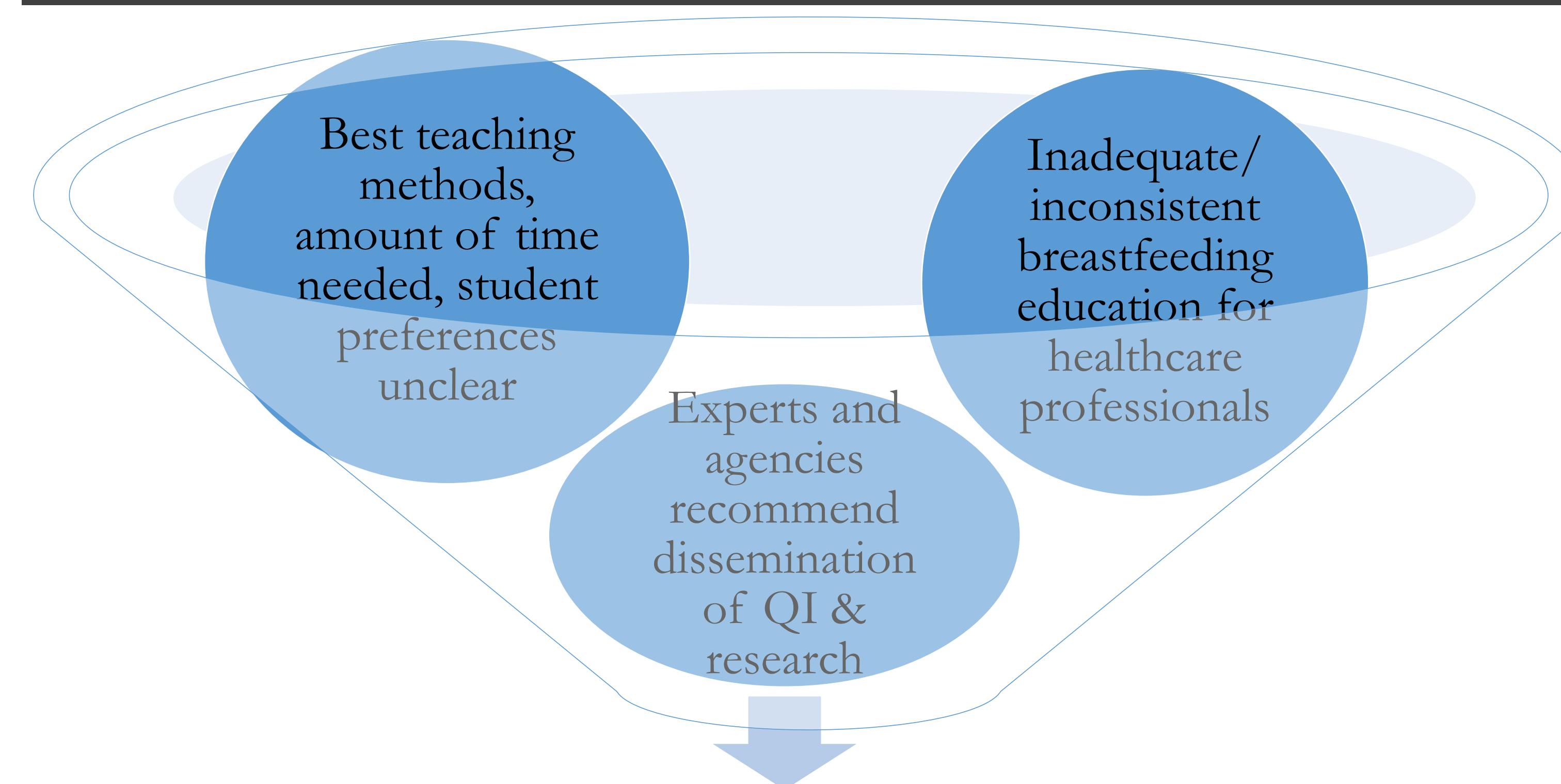
- Self-Efficacy
- Lactation Support
- Lactation Education

Purpose & Aims

Purpose: evaluate the efficacy and satisfaction of an educational experience in increasing lactation knowledge for NP students who received an online breastfeeding educational intervention.

- Aims:**
- 1) Increase NP student breastfeeding and human lactation knowledge, as measured by the Pre and Post Intervention Surveys completed before and immediately following the conclusion of an online breastfeeding and human lactation educational module delivered during the course of a semester.
 - 2) Evaluate NP student satisfaction with the experience of online breastfeeding and human lactation education within their educational program, as measured by the Post Intervention Survey, completed immediately following the conclusion of an online breastfeeding and human lactation educational module delivered during the course of a semester.

Evidence for Intervention



Educational module to support groundwork toward educational best practice

Methods

Design/Setting/Sample

- Quality improvement project; Pre/post-intervention
- NP/DNP Program within SON associated with a teaching hospital, urban mid-Atlantic; online course platform
- Optional module offered to 17 NP/DNP students

Intervention

- Pre & Post Intervention Survey
- Two-part online educational module: “Breastfeeding Support and Promotion in Primary Care and Management of Common Situations” & “Pathogens and Medications”

Data Management & Analysis

- De-identified data; securely stored; HSR-exempt
- Demographics, personal & educational background, preferences, “Do you now, or will you in the future, recommend breastfeeding to your patients?”
- Aim 1: 10 Knowledge questions
- Aim 2: 4 Likert-scale questions; 1 box for comments

Limitations & Opportunities

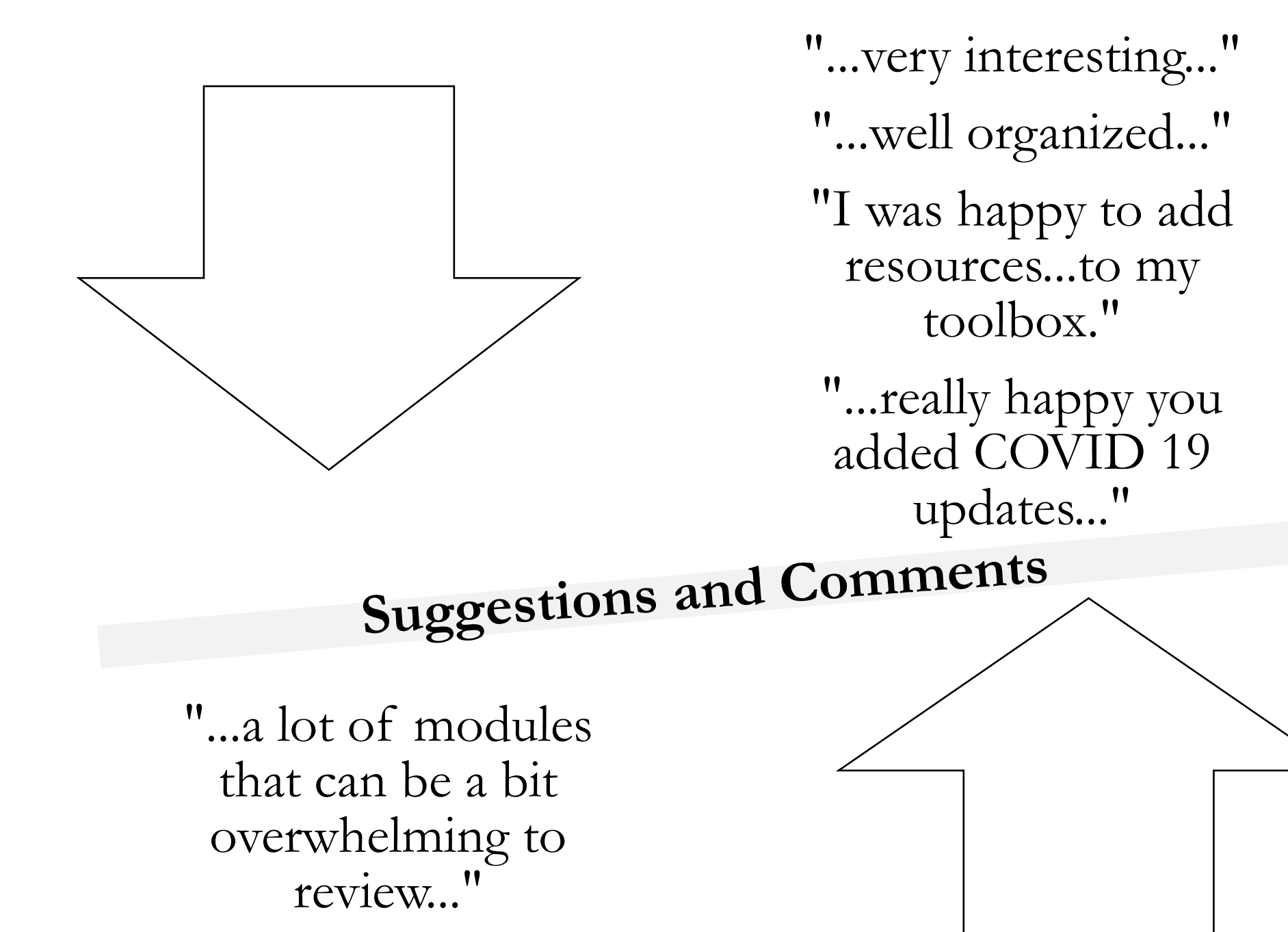
Limitations	Opportunities
<ul style="list-style-type: none"> • Small sample size • Short planning/implementation period • Vulnerable population • Length of module 	<ul style="list-style-type: none"> • Increase student engagement • Validate surveys with population • Refine instruction to audience

Results & Findings

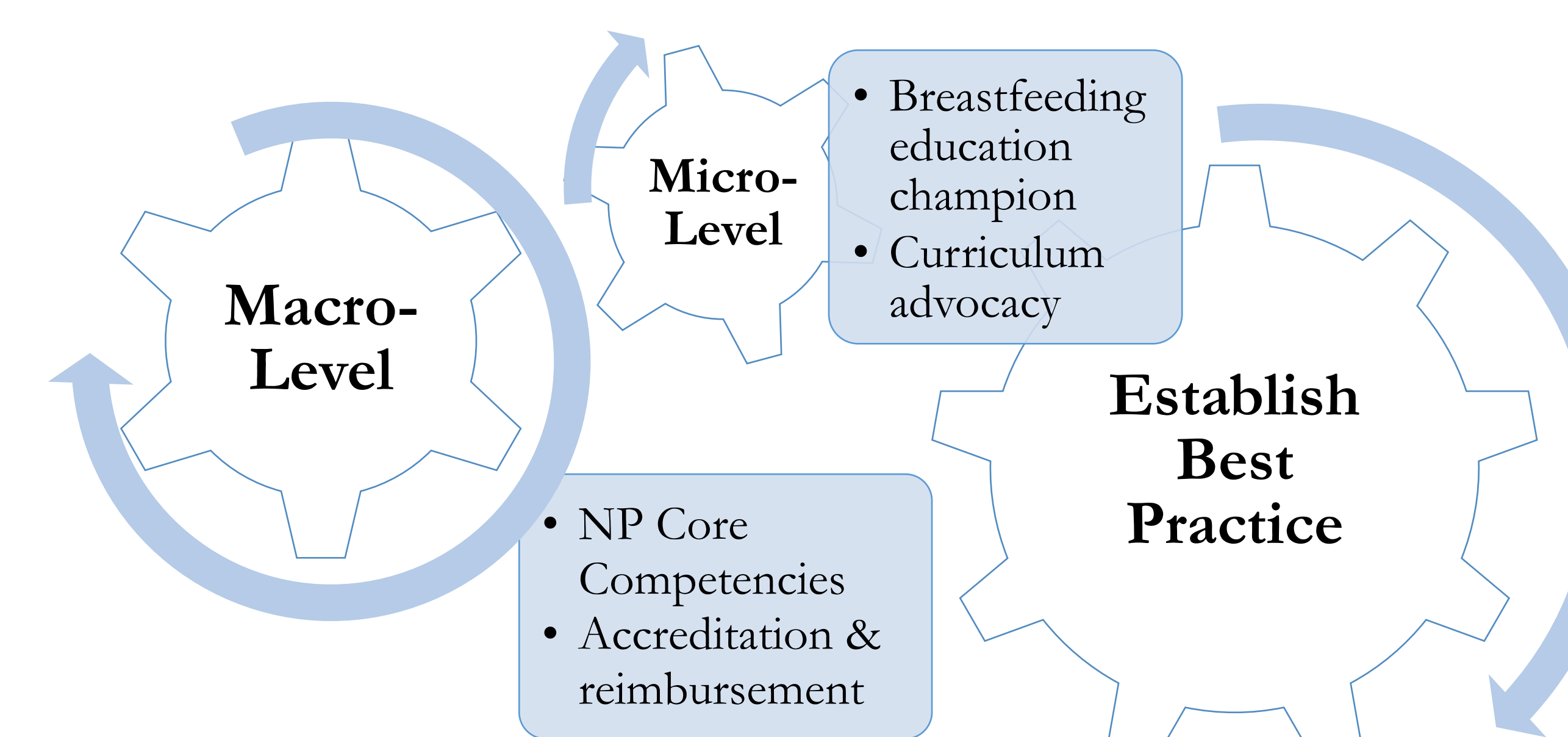
Demographics	(N = 4)
Age, n (%)	
25-34	2 (50)
35-44	2 (50)
Gender identity, n (%)	
Female	4 (100)
Ethnicity, n (%)	
White	2 (50)
Black, non-Hispanic	1 (25)
Hispanic	1 (25)
Do you or will you recommend BF to patients, n (%)	
Yes	4 (100)
Previous BF training, n (%)	
Personal experience with own children	1 (25)
Minimal	3 (75)
Do you feel having lactation education content in APRN programs is important for future APRN clinical practice?	
Yes	4 (100)
How much lactation education do you feel should be included in APRN programs?	
2 hours	1 (25%)
3 hours	1 (25%)
4 hours	1 (25%)
6 or more hours	1 (25%)

Comparison of Knowledge Questions: Pre vs. Post Intervention Survey	Pre Survey % Correct	Post Survey % Correct
Knowledge Questions	80	83

Satisfaction with the Experience of Online Breastfeeding and Human Lactation Education	This education met the stated objectives.	The speaker or author demonstrated experiential knowledge in the topic.	The presented content provided a fair and balanced coverage of the topic.	The activity enhanced my current knowledge base.
N	4	4	4	4
Strongly Agree	3	3	3	3
Somewhat Agree	1	1	1	1



Future Potential



References

