



Assessing Community Health Nursing Student's Knowledge and Skills after Equipping Skills Labs

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Learning Objectives

1. To demonstrate how availability of refurbished skills labs in health training schools improved teaching and learning of skills in Ghana.
2. To describe students' ability to practice correct skills on anatomical models before clinical session.
3. To show performance in knowledge and skills of students to provide quality health care services upon graduation.

Before



After



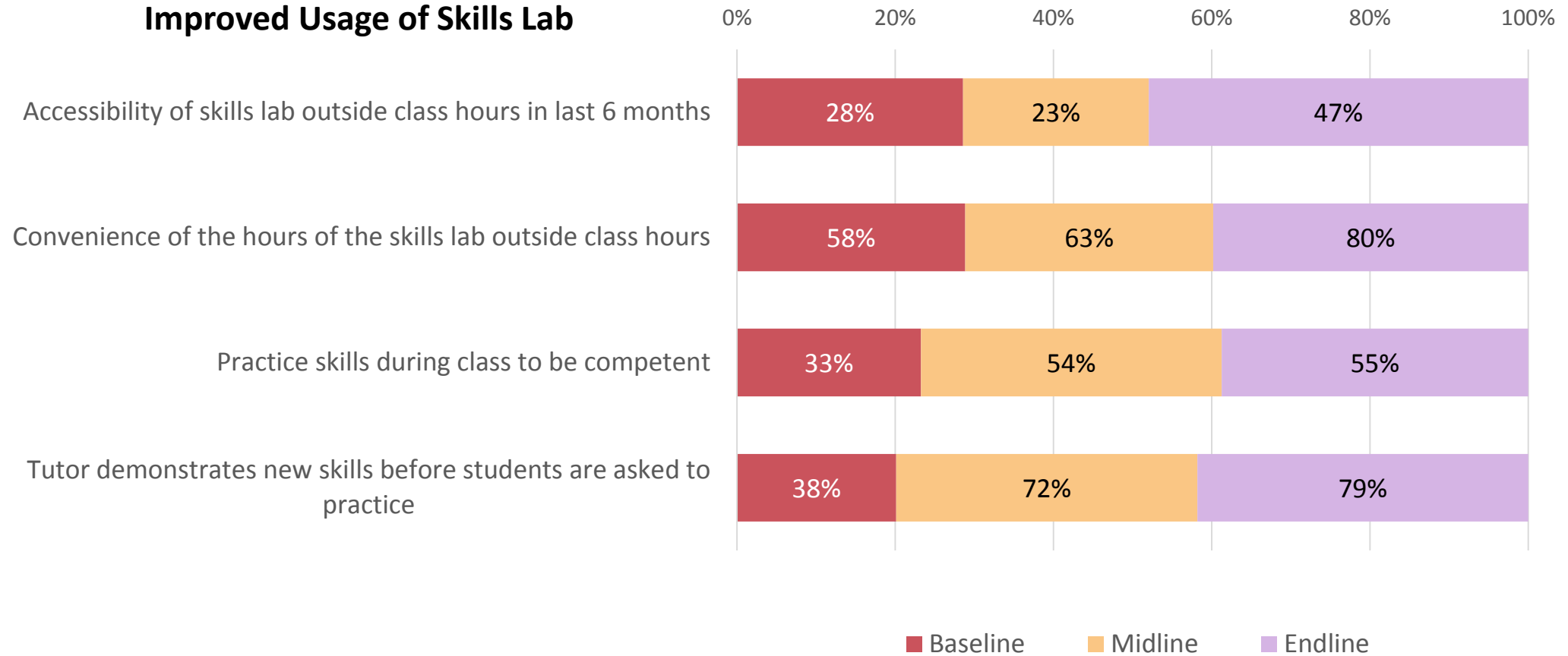
Methods

- Cross-sectional mixed methods approach
 - Three data collection time points, one per year
- Four community health nursing training schools
 - 120 final year students
 - 4 principals/vice principals and 4 skills lab tutors
- Knowledge assessment
- Objective structure clinical examination
 - Rapid diagnostic test for malaria
 - Clean cord care
- Qualitative evaluation

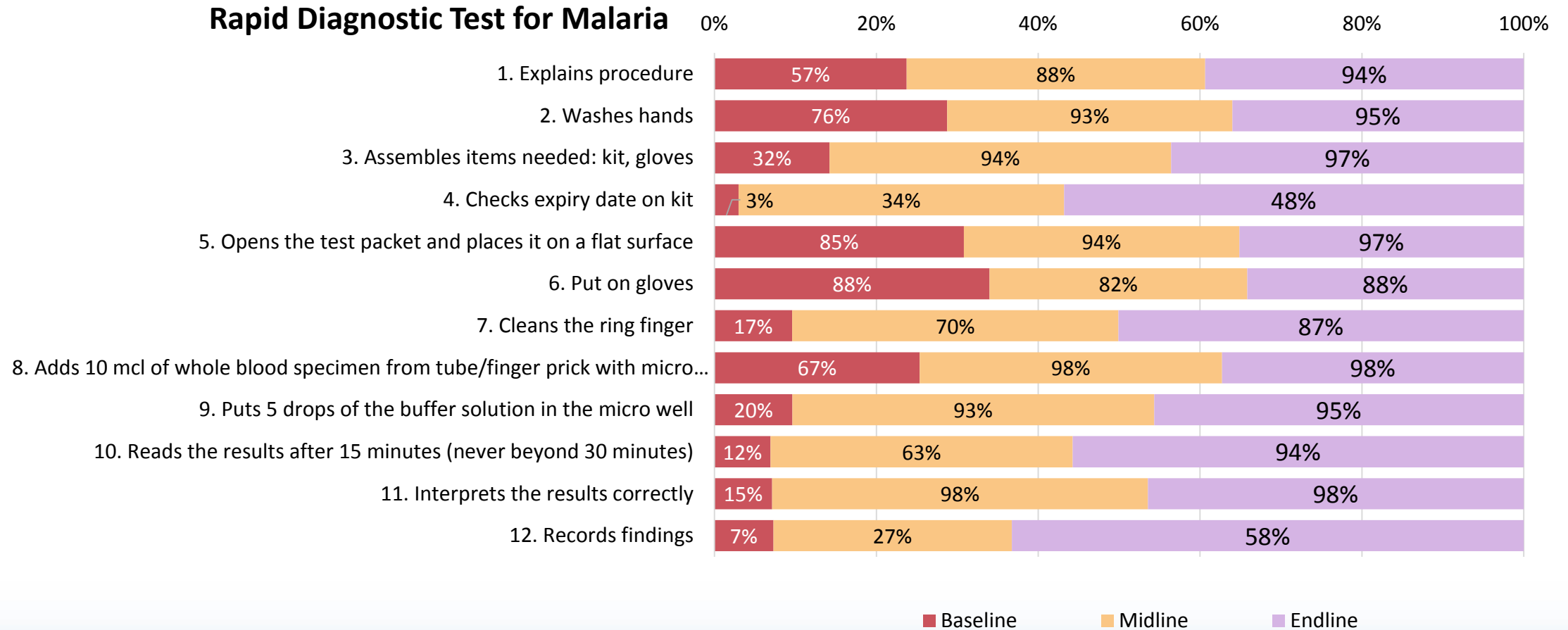


Results

Improved Usage of Skills Lab

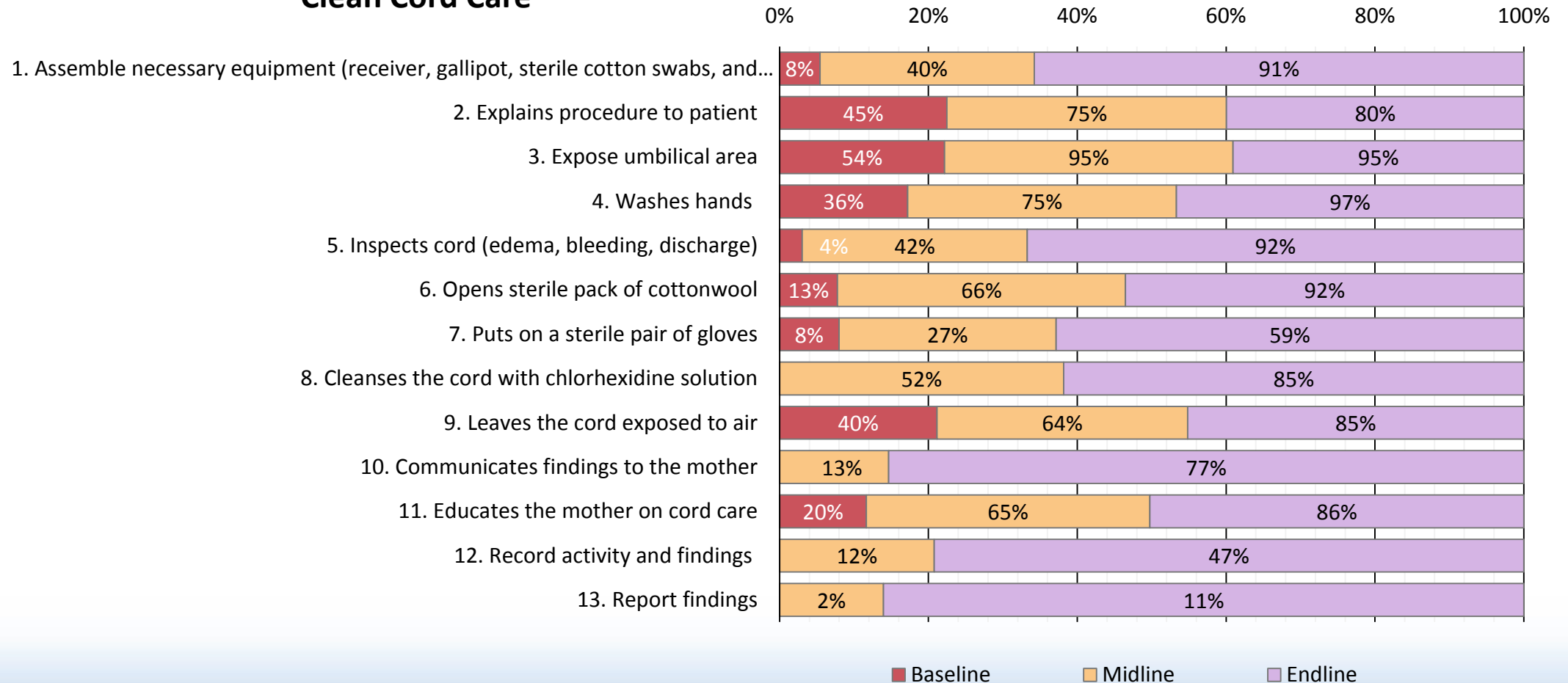


Results: Improved Performance



Results: Improved Performance

Clean Cord Care



Qualitative Findings

“I think the models that you brought we never used to have a model for IUD insertion but now we have one. So I can say that all these years our students have never practiced IUD insertion here on campus. Using models but now we are doing it. It’s a very good success story.”

—Skills lab preceptor

“It has helped me because I have learnt how to conduct CWC, prepared bed making, use of the weighing scale, so when I went out to the field I didn't find it difficult provide the service to clients.”

— Student



Conclusions

- Improved skills labs at community health nursing training schools contributed to improved provider knowledge and skills in maternal health, newborn health, malaria and family planning.
- Improved pre-service education will help build competencies of students, which will improve health outcomes.



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Key Message

Management and usage of refurbished skills labs with required equipment and supplies can improve teaching and learning so students have competencies to apply skills in real-life situations.

For more information, please visit
www.mcspprogram.org

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