



Colette Flores, MHA, CT(ASCP)

I have no financial relationship or conflicts to disclose.

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### From Lab to Life:

A Cytologist's Journey on Medical Mission Trips

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### Goals and Purposes

- Improve access to healthcare in underserved areas
- Provide preventive care & health education
- Train and support local healthcare workers
- Build global solidarity and cultural exchange

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### Challenges

- Equipment limitations
- Supplies
- Sustainability
- Cultural sensitivity and humility
- Resource mismatch
- Ethical concerns

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### Evolving Trends

- From one-time trips to long term partnerships
- Focus on prevention, public health, education
- Empowering local providers
- Use of telemedicine and digital health tools
- Short-term may not create lasting impact

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Legacy of Conflict

- Civil War
- Unequal Economic Growth
- Education Inequality

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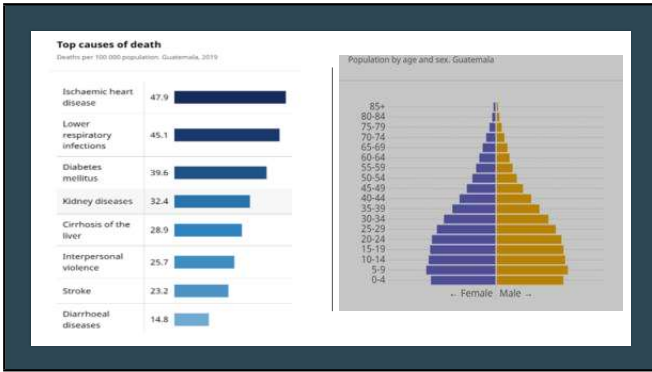
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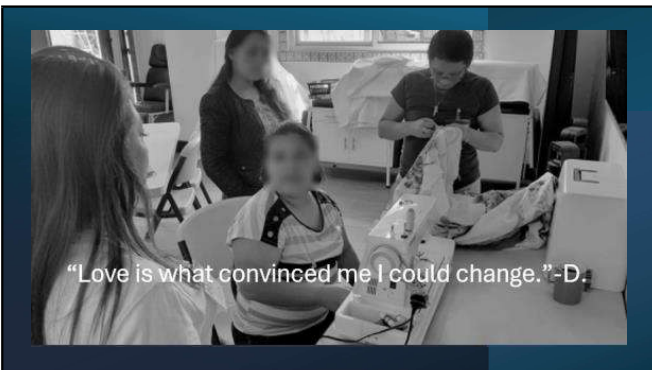
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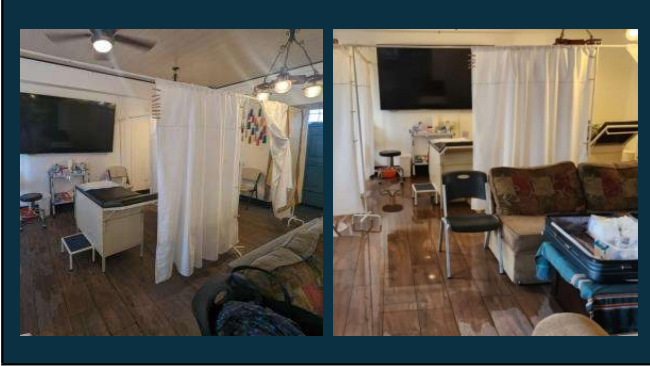
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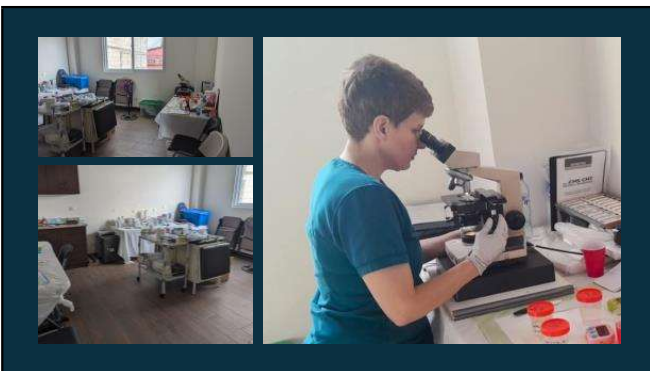
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**Preventable Cancer with Unequal Outcomes**

- Cervical cancer is the fourth most diagnosed cancer in women worldwide.
- 85% of cases occurring in low- and middle-income countries.
- In Central America, cervical cancer is the second leading cause of cancer related death in women.
- The rate of cervical cancer mortality in Guatemala is six times more than that in the United States.

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See, Test, and Treat Model

- Developed by the College of American Pathologists
- Same-day screening, diagnosis, and treatment
- Critical for patients unable to return for follow-up
- Local partners coordinate advanced care

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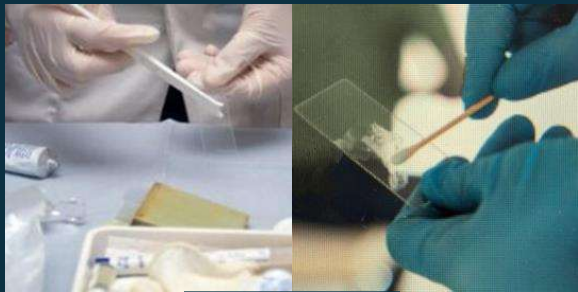
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Conventional Pap

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Conventional Pap

Liquid-based Pap

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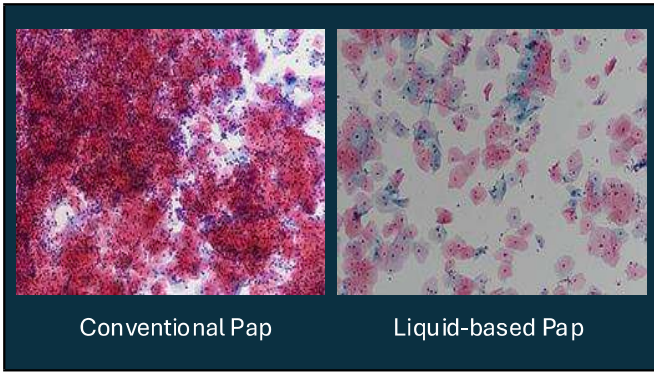
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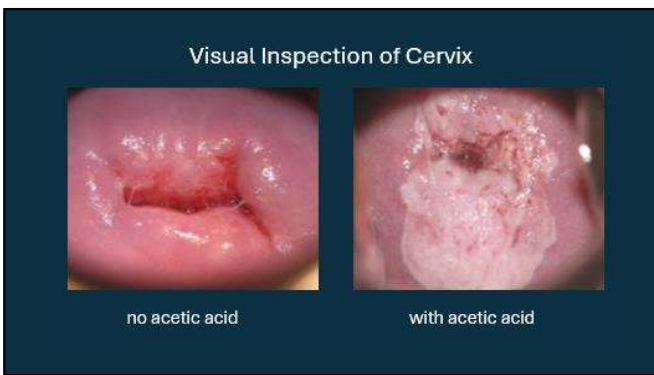
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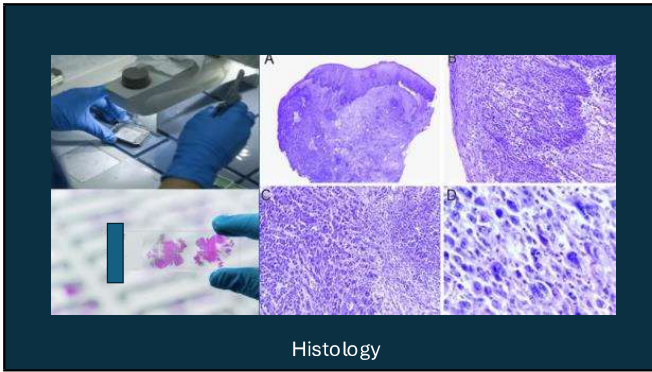
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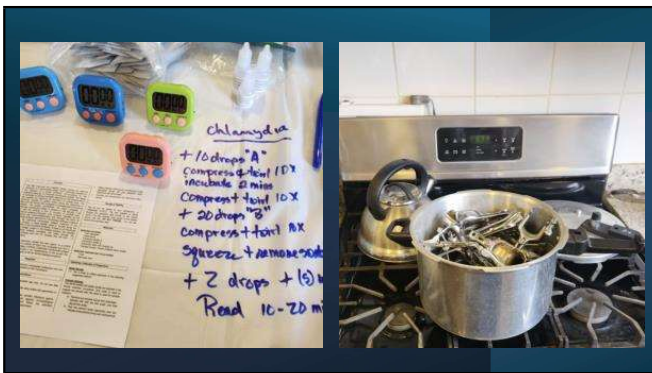
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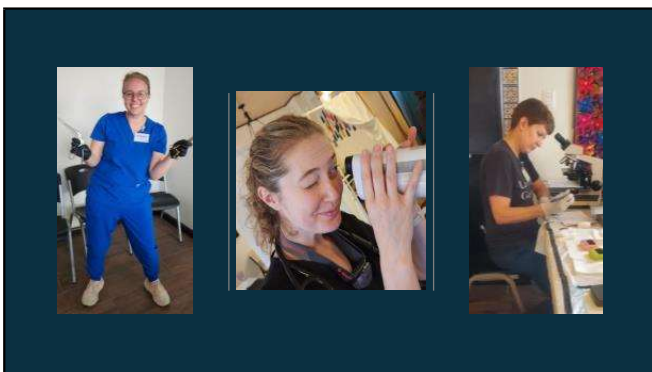
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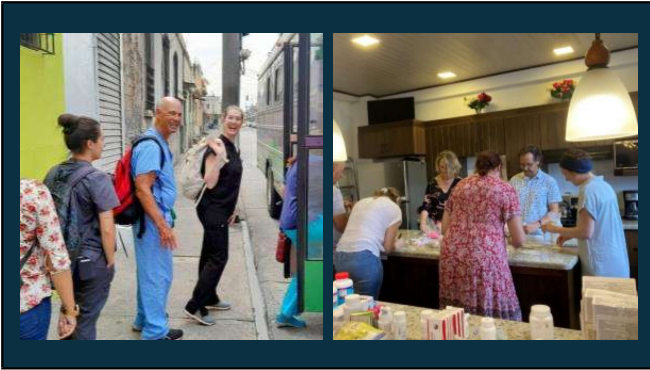
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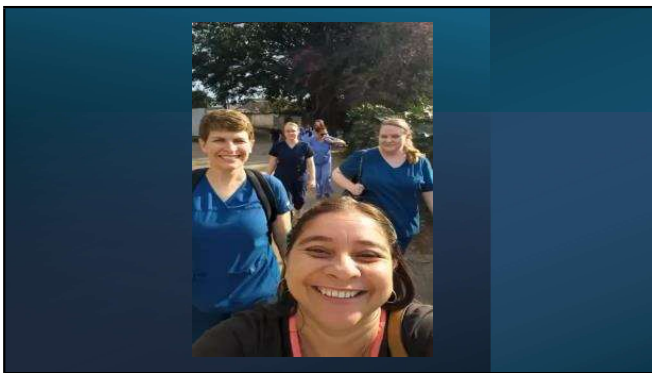
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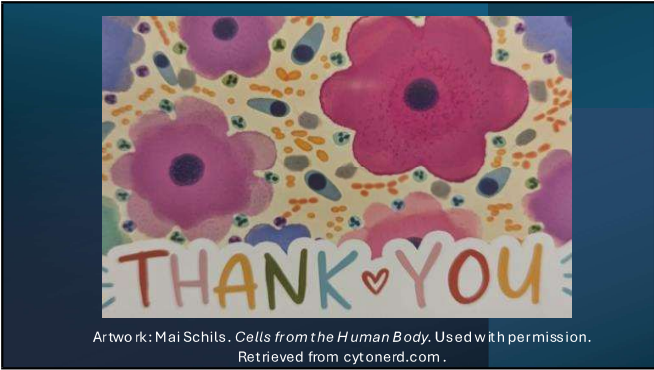
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