Cervical Cancer Screening Coverage

Estimated coverage of cervical cancer screening in Senegal, by age and study:

- 18-29: 1.9%
- 30-39: 0%
- 40-49: 0%
- 50-59: 0%
- 60-69: 0%
Technical Approach - VIA

Development of various screening methods adaptable to country context has led to clear recommendations for improving cancer control.⁸

Visual inspection of the cervix with acetic acid (VIA)
- utility in low-resource settings
- sensitivity of 80% (79-82%)
- specificity of 92% (range, 91-92%)²¹
- safe and cost-effective²¹-²³

When detected at an early stage, invasive cervical cancer is one of the most successfully treated cancers.
- five year cervical cancer survival rate ranges from 60% to 70% in most countries⁵
Peace Corps facilitated research

**2010** Formal partnership with Peace Corps Senegal began

- **45** PCVs with formal **2-year** commitment

**All Returned Peace Corps Volunteers**

have contributed to this project after their return

- translation,
- coordination,
- planning,
- ambassadors
Peace Corps attributes

Peace Corps Agency

- Guided by local priorities
  - direct alignment - central AND decentralized Ministry of Health offices
- Well-positioned to offer logistical support:
  - Local-transportation
  - Safety guidance and planning
  - Access to local vendors
    - printing
    - translation
    - event support
Peace Corps attributes

**Peace Corps Volunteers**
- **Community trust:** live and work at local level
- **Cultural assimilation and language skills**
- **Community integration** and advocacy
- **Participatory** approaches and community assessment
- **Institutional memory:** 2-year service with yearly volunteer replacement
- **Adherence to principles of sustainability:** close collaboration with local counterparts
- **Many with advanced technical background** (MPH, research experience)
Iterative partnership approach

Partnership Meeting
- Semi-annual
- 2-4 week partnership visit
- Reporting of activities / findings
- Partnership Synergy Evaluation
- Problem Solving
- Strategic planning
- Policy discussions
- PCV Mentoring
  - Research ethics
  - Data collection methodology
  - Data management / reporting
  - Technical orientation
  - Global Health Education

Project Activities & Data Collection
- Project Activities - Senegal
  - Quality Improvement Meetings
  - QI action planning
  - Care Group meetings
  - Information & Education Campaigns
  - Focus groups / Surveys

Research Activities – UIC
- Data analysis
- Manuscript creation / Reporting
- Grant writing
- Strategic planning

2 week check-ins
Peace Corps Volunteer role

- Partner liaison
- Identification of community leaders and key stakeholders
- Logistical support
- Local coordination
- Research assistance / Field worker

- Interpret local context
- Cultural guidance
- Language / translation support
- Community advocacy
- Insight and Creativity