Epidemiology

- 400,000 new cases of cervical cancer every year.
- 80% occur in developing countries.
- Latin America accounts for 1/5th.
- In Guatemala, cervical cancer is the second most frequent cancer after stomach cancer.
- 60% of the cases of cervical cancer occur to women between the age of 30 – 50.
- Registro Nacional de Cancer de Guatemala.
PROTOCOL

- Pap protocol – this follows the old historical system of CIN 1, CIN 2 and 3.
- AND mild, moderate and severe inflammation.
- Treatment guidelines go hand in hand with lab slip from APROFAM
- The biggest distinction is severe inflammation is considered a possible STD – and it gets treated.
- When to do a pap smear?
- What is culturally acceptable?
VIA
Visual Inspection with Acetic Acid

- Developed in rural Thailand
- Trialed with 6000 women in 2000.
- 5146 VIA negative
- 798 VIA positive
- 738 received cryotherapy
- No correlation studies
- At visit after one year, all were VIA negative except two women – 1 indeterminant test, 1 had suspicious test confirmed as adenocarcinoma
When to refer?

- Signs of cancer – cauliflower
- Lesion is greater than 75% of cervix
- Lesion extends to the vaginal walls
- Lesion extends 2mm beyond cryotip
- Pregnant more than 20 weeks
- Want more tests prior to cryotherapy
<table>
<thead>
<tr>
<th>Number of women</th>
<th>Severe Inflammation</th>
<th>CIN 1</th>
<th>CIN 2 / 3</th>
<th>Abnormal VIA</th>
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</thead>
<tbody>
<tr>
<td>S. B. Rural 2008</td>
<td>23 women</td>
<td>1</td>
<td>0</td>
<td>1</td>
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<tr>
<td>S. B. clinic</td>
<td>26 women</td>
<td>4</td>
<td>0</td>
<td>0</td>
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<td>June 2010</td>
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</tbody>
</table>
San Benito 2009

- TOTAL Patients: 198
- VIA positive: 10
- Referred for colpo: 5
- Suspect Cancer: 0
- Age – <25 years: 37
- Age 25 – 50: 152
- Age > 50: 5
- 3 years or more since last PAP: 160
- 2 years or less since last PAP: 42
To do VIA?

- Do you have a lab? Maybe you do not need Visual Inspection with Acetic Acid.
- In San Benito there is a hesitancy to do cryotherapy. Even with the woman with the positive lesion – they treated her with “triple” and had her come back in a month to receive cryotherapy.
- In the study they had a 10% positive rate and treated on the spot with the idea that follow up was difficult; sketchy at best. The numbers in San Benito were not nearly this high?
References

- IDA - www.idafoundation.org
  Amsterdam, Netherlands

- Faith in Practice - Dr. Paty Baiza
  www.faithinpractice.org (only does work in Guatemala)


- Sue Hammerton  sueixoq@yahoo.com