Henrietta Lacks 1930-1951

Professor Nimmi Ramanujam, Ph.D.
Director, Global Women’s Health Technologies
Professor of Biomedical Engineering,
Global Health and Pharmacology
Duke University
Innovations in Cervical Cancer Detection

George Papanikolaou 1883-1962

Hans Hinselmann 1884-1959
Critical Barriers

Health provider shortage

Lack of appropriate technologies
How can we empower women and CHW to perform cervical screening?
The shorter the distance the lower the cost
Bringing State of the Art Diagnostics to the Community Level
Concordance Testing across 6 Physicians

<table>
<thead>
<tr>
<th>Clinician #</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Total</th>
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<tbody>
<tr>
<td>All (kappa)</td>
<td>0.4444</td>
<td>0.971</td>
<td>0.4913</td>
<td>0.5019</td>
<td>0.4380</td>
<td>0.5360</td>
<td>0.6256</td>
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<tr>
<td>Normal+HSIL (kappa)</td>
<td>0.3739</td>
<td>0.9592</td>
<td>0.5455</td>
<td>0.6139</td>
<td>0.3777</td>
<td>0.6014</td>
<td>0.6319</td>
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