Annex 1. Supplementary material for Section 4.4.7

Fig. S3 Meta-analysis of the absolute sensitivity and specificity of triage of HPV-positive women with reflex cytology at a threshold of ASC-US+ to detect CIN2+

<table>
<thead>
<tr>
<th>Study</th>
<th>Sensitivity (95% CI)</th>
<th>Specificity (95% CI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petry et al. (2003)</td>
<td>0.422 (0.277, 0.578)</td>
<td>0.905 (0.871, 0.933)</td>
</tr>
<tr>
<td>Ronco et al. (2006a, b)</td>
<td>0.768 (0.684, 0.839)</td>
<td>0.696 (0.573, 0.819)</td>
</tr>
<tr>
<td>Mayrand et al. (2007)</td>
<td>0.539 (0.420, 0.668)</td>
<td>0.539 (0.420, 0.668)</td>
</tr>
<tr>
<td>Chao et al. (2008)</td>
<td>0.699 (0.588, 0.795)</td>
<td>0.939 (0.919, 0.950)</td>
</tr>
<tr>
<td>Naucler et al. (2009)</td>
<td>0.539 (0.420, 0.668)</td>
<td>0.539 (0.420, 0.668)</td>
</tr>
<tr>
<td>Confortini et al. (2010)</td>
<td>0.808 (0.606, 0.934)</td>
<td>0.478 (0.409, 0.548)</td>
</tr>
<tr>
<td>Castle et al. (2011)</td>
<td>0.526 (0.475, 0.577)</td>
<td>0.763 (0.749, 0.778)</td>
</tr>
<tr>
<td>Rijkaart et al. (2012)</td>
<td>0.791 (0.730, 0.843)</td>
<td>0.814 (0.781, 0.844)</td>
</tr>
<tr>
<td>Bian et al. (2013)</td>
<td>0.808 (0.606, 0.934)</td>
<td>0.849 (0.755, 0.917)</td>
</tr>
<tr>
<td>Ferreccio et al. (2013)</td>
<td>0.363 (0.264, 0.470)</td>
<td>0.927 (0.906, 0.945)</td>
</tr>
<tr>
<td>Leinonen et al. (2013)</td>
<td>0.976 (0.940, 0.993)</td>
<td>0.656 (0.636, 0.675)</td>
</tr>
<tr>
<td>Guo et al. (2015)</td>
<td>0.846 (0.546, 0.981)</td>
<td>0.577 (0.432, 0.713)</td>
</tr>
<tr>
<td>Muwonge et al. (2014)</td>
<td>0.840 (0.792, 0.880)</td>
<td>0.679 (0.659, 0.699)</td>
</tr>
<tr>
<td>Pan et al. (2014)</td>
<td>0.913 (0.892, 0.931)</td>
<td>0.540 (0.524, 0.557)</td>
</tr>
<tr>
<td>Srinivaskul et al. (2014)</td>
<td>0.718 (0.551, 0.850)</td>
<td>0.688 (0.592, 0.773)</td>
</tr>
<tr>
<td>Tian et al. (2014)</td>
<td>0.638 (0.586, 0.688)</td>
<td>0.754 (0.719, 0.786)</td>
</tr>
<tr>
<td>Agorastos et al. (2015)</td>
<td>0.537 (0.374, 0.693)</td>
<td>0.592 (0.546, 0.637)</td>
</tr>
<tr>
<td>Ashana &amp; Labani (2015)</td>
<td>0.588 (0.329, 0.816)</td>
<td>0.875 (0.802, 0.928)</td>
</tr>
<tr>
<td>Pasquale et al. (2015)</td>
<td>0.866 (0.806, 0.913)</td>
<td>0.463 (0.435, 0.491)</td>
</tr>
<tr>
<td>Rebolj et al. (2015)</td>
<td>0.590 (0.372, 0.628)</td>
<td>0.708 (0.631, 0.777)</td>
</tr>
<tr>
<td>Terrazas et al. (2015)</td>
<td>0.363 (0.264, 0.470)</td>
<td>0.927 (0.906, 0.945)</td>
</tr>
<tr>
<td>Wentzensen et al. (2015)</td>
<td>0.766 (0.696, 0.826)</td>
<td>0.498 (0.469, 0.523)</td>
</tr>
<tr>
<td>Depetrini et al. (2016)</td>
<td>0.937 (0.883, 0.971)</td>
<td>0.334 (0.308, 0.361)</td>
</tr>
<tr>
<td>Gustinucci et al. (2016)</td>
<td>0.776 (0.658, 0.868)</td>
<td>0.724 (0.672, 0.772)</td>
</tr>
<tr>
<td>Maggino et al. (2016)</td>
<td>0.738 (0.691, 0.782)</td>
<td>0.589 (0.574, 0.603)</td>
</tr>
<tr>
<td>Zhang et al. (2016)</td>
<td>0.843 (0.441, 0.814)</td>
<td>0.891 (0.848, 0.926)</td>
</tr>
<tr>
<td>Agorastos et al. (2017)</td>
<td>0.481 (0.287, 0.681)</td>
<td>0.845 (0.790, 0.890)</td>
</tr>
<tr>
<td>Cook et al. (2017)</td>
<td>0.780 (0.640, 0.885)</td>
<td>0.637 (0.572, 0.698)</td>
</tr>
<tr>
<td>Isidiman et al. (2017)</td>
<td>0.475 (0.356, 0.603)</td>
<td>0.837 (0.802, 0.868)</td>
</tr>
<tr>
<td>Kocsis et al. (2017)</td>
<td>0.429 (0.325, 0.537)</td>
<td>0.804 (0.781, 0.826)</td>
</tr>
<tr>
<td>Liu et al. (2017)</td>
<td>0.810 (0.739, 0.869)</td>
<td>0.529 (0.461, 0.595)</td>
</tr>
<tr>
<td>Passamonti et al. (2017)</td>
<td>0.825 (0.708, 0.909)</td>
<td>0.667 (0.627, 0.742)</td>
</tr>
<tr>
<td>Sangrajrag et al. (2017)</td>
<td>0.625 (0.406, 0.812)</td>
<td>0.585 (0.501, 0.666)</td>
</tr>
<tr>
<td>Stanckuz et al. (2017)</td>
<td>0.583 (0.550, 0.797)</td>
<td>0.891 (0.847, 0.927)</td>
</tr>
<tr>
<td>Thormo et al. (2017)</td>
<td>0.560 (0.348, 0.756)</td>
<td>0.847 (0.760, 0.912)</td>
</tr>
<tr>
<td>Wu et al. (2017)</td>
<td>0.706 (0.619, 0.784)</td>
<td>0.757 (0.727, 0.785)</td>
</tr>
<tr>
<td>Rezhaha et al. (2019)</td>
<td>0.671 (0.702, 0.964)</td>
<td>0.539 (0.472, 0.605)</td>
</tr>
<tr>
<td>Luo et al. (2019)</td>
<td>0.652 (0.759, 0.896)</td>
<td>0.604 (0.572, 0.635)</td>
</tr>
<tr>
<td>Torres-Ibarra et al. (2019)</td>
<td>0.429 (0.341, 0.520)</td>
<td>0.740 (0.712, 0.766)</td>
</tr>
<tr>
<td>Overall</td>
<td>0.715 (0.652, 0.771)</td>
<td>0.747 (0.692, 0.795)</td>
</tr>
</tbody>
</table>

ASC-US+, atypical squamous cells of undetermined significance or worse; CI, confidence interval; CIN2+, cervical intraepithelial neoplasia grade 2 or worse; HPV, human papillomavirus.

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