Primary HPV screening
The Dutch experience

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Thanks to Judith Vedder en Bert Siebers
Primary HPV screening in the Netherlands today

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30-40 screenings labs

> 500,000 smears
- Dutch Health Council 2011 Recommendations

- HPV screening, the primary test
Reduction to 5 screeningslabs

No conventional smears

500,000 → 50,000 smears
- European tender –

- Round 1: Quality
  20 laboratories; sept 2015, 7 laboratories passed to round 2.

- Round 2: Financial
  7 candidates for 5 screenings regions
  In june 2016 the final award to 5 laboratories
Screeningslab regions

- UMCG
- Symbiant
- NMDL (Rijswijk)
- Radboudumc
- Jeroen Bosch (JBZ)
- New screening at a glance-

1. Invitation by screening organisation

2. A sample is taken by g.p. and send to the screening lab

3. Primary HPV testing

   When HPV positive: cytology on the same material

4. When HPV positive:

5. Atypical cells: referral for colposcopy by gynecologist
- Decision of the Dutch Government

Start in 2017

Main differences

<table>
<thead>
<tr>
<th>Current system</th>
<th>Primary HPV screening</th>
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<tbody>
<tr>
<td><strong>Screening test</strong></td>
<td><strong>HPV-testing</strong></td>
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<tr>
<td><strong>Target population</strong></td>
<td><strong>30 – 60 (or 65) years</strong></td>
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<td><strong>Screeningsrounds</strong></td>
<td><strong>min. 5  max. 8</strong></td>
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<td><strong>Invitation at age</strong></td>
<td><strong>30, 35, 40, 50, 60</strong></td>
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<td><strong>30, 35, 40, 50, 60</strong></td>
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<td><strong>45, 55, 65  as preliminary test is positive</strong></td>
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<tr>
<td><strong>Follow-up low grade cytology after 6 months</strong></td>
<td><strong>Cytology (screening program)</strong></td>
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<td><strong>Indicative cytology with/without HPV</strong></td>
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Consequences for the Cytology Management

• Less CT and cytopathologist needed.

• Most CT changed jobs and found work at the histology, ICT or molecular pathology.

• New challenges for CT are:
  • EUS/ EBUS ROSE
  • Screening colon biopsies
  • Screening skin biopsies
  • Screening other histologic material
Future?

• Still uncertain how much HPV +?

• What is the response of the women?

• How many women use the self sampling set?
What are we doing now?

- New equipment will be purchased and validated.
- All of the CT and cytopathologists who participate has to be certified.
- The first lab starts in January 2017.
- Next year we know more..............
Thanks for your attention...

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