Better informed pregnancy referrals towards increased health coverage

Gonçalo Castro
goncalo.castro@unibas.ch
Swiss Tropical and Public Health Institute, Socinstrasse 57, P.O. Box, 4002 Basel, Switzerland

Context
- Volyn Province, Ukraine
- Population\(^2\): 1'042'163, of which 48% rural (Sept. 2013)
- Births per year\(^2\): 15'346 (2012)
- Medical records typically on paper: limited quality and availability of information
- Referral system crucial in assureing coverage of perinatal care
- Strengthening the referral system: implementation of Perinatal Registry\(^3\)

Objectives
- Improve availability and quality of perinatal information
- Efficiently trigger and follow-up referrals
- Enhance management of pregnancies at risk

Approach

- 2009 – 2011
- 2011 - 2012
- 2012 - 2013

Key numbers from one year of province-wide implementation (Nov. 2012 – Oct. 2013)

<table>
<thead>
<tr>
<th>Event</th>
<th>Incidences</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Induced abortions</td>
<td>20</td>
<td>0.42%</td>
</tr>
<tr>
<td>Stillbirths</td>
<td>19</td>
<td>0.38%</td>
</tr>
<tr>
<td>Spontaneous abortions</td>
<td>72</td>
<td>1.61%</td>
</tr>
<tr>
<td>Induced abortions</td>
<td>20</td>
<td>0.42%</td>
</tr>
</tbody>
</table>

Survey District Chief-Obstetricians
(15 Chief-Obstetricians interviewed, out of 16)

Key conclusions
- Perinatal Registry being used and seen as beneficial
- Data consistency & completeness still a challenge
- Introduction of new technology took four years to produce results

References:
[3] Swiss Tropical and Public Health Institute, 2013. MCH-Registry. Available at: [link](http://www.swisstph.ch/?id=1448)