Contraceptive use among immigrant and non-immigrant women seeking abortion care in Stockholm County

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Background

- Immigrant women seek induced abortion to a higher extent than non-immigrant women*

- Immigrants have less experiences of contraceptive use and are planning to use contraceptives to a lower extent after an induced abortion as compared to non-immigrants**

*Helström et al., 2003; Ostrach, 2013; Rademakers et al., 2005; Rasch et al., 2008; Sedgh et al., 2011; Vangen et al., 2008

** Helström et al., 2003; Prey et al., 2014; Wiebe 2013
Aim

To compare the use of and type of contraceptive methods ever in life, at conception and planned use after an induced abortion among immigrant and non-immigrant women in Stockholm County
Method

- Cross-sectional multicenter study
  - Interview-based questionnaire
  - Six abortion clinics, 55% of all abortions, in Stockholm County
  - All women 18 years and older
  - January-April 2015
  - Interpreter if needed

Definition:
Immigrants = foreign-born women + 2nd generation migrants (born in Sweden with both parents born abroad according to Statistics Sweden)
Results

- 637 (64%) participants
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• 425 (67%) non-immigrants and 212 (33%) immigrants
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• 425 (67%) non-immigrants and 212 (33%) immigrants

• Out of the immigrants, 148 (70%) were foreign-born and 64 (30%) 2nd generation migrants.
### Results

<table>
<thead>
<tr>
<th></th>
<th>Non-immigrant</th>
<th>Foreign-born</th>
<th>2nd generation</th>
<th>Total (p-value)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contraceptives ever in life</td>
<td>99%</td>
<td>89%</td>
<td>95%</td>
<td>96%</td>
</tr>
<tr>
<td>Pill</td>
<td>89%</td>
<td>63%</td>
<td>80%</td>
<td>83% (&lt;0.001)</td>
</tr>
<tr>
<td>Condom</td>
<td>55%</td>
<td>50%</td>
<td>48%</td>
<td>53% (0.396)</td>
</tr>
<tr>
<td>Withdrawal</td>
<td>24%</td>
<td>12%</td>
<td>13%</td>
<td>20% (0.006)</td>
</tr>
<tr>
<td>Copper IUD</td>
<td>17%</td>
<td>24%</td>
<td>10%</td>
<td>18% (0.047)</td>
</tr>
</tbody>
</table>

Karin Emtell Iwarsson
Results

- 32% of all women had used contraceptives at conception

- **Immigrants** used contraceptives at conception to a **lower extent** than non-immigrants (p=0.047)

- **Condoms and pills** were the two most common types
Results

• 93% of all women **planned to use** contraceptives after the abortion

• **Immigrants** planned to use contraceptives to a **lower extent** than non-immigrants (p=0.047)

• **Hormone IUS** and ** pills** were the two most common types

• Non-immigrants - vaginal ring – no side effects
• Foreign-born women - copper IUD - efficacy
• 2nd generation migrants - implant – long acting
Results

- 32% of all women had used long acting reversible contraception (LARC) such as IUC and implants ever in life
- 53% of all women planned to use LARC after the abortion
- A significant difference was seen where non-immigrants planned to use LARC to a lower extent compare to foreign-born women and 2nd gen. migrants
Conclusion

- **Immigrants** - lower use of contraceptives ever in life, at conception and planned use as compared to non-immigrants

- **Significant differences** were seen between non-immigrants, foreign-born women and 2nd generation migrants for different types of methods ever in life and planned future method
Clinical implication

• Efforts are needed to improve access to contraception especially among immigrants and to increase the use of LARC especially among non-immigrants

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