A video presentation of robotic assisted tubal reanastomosis

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## Modern Contraceptive Method Prevalence by Region, Latest Year

<table>
<thead>
<tr>
<th>Contraceptive Type</th>
<th>Africa</th>
<th>Asia</th>
<th>Europe</th>
<th>Latin Am. and Caribbean</th>
<th>Northern America</th>
<th>Oceania</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Percent of Couples Using Modern Contraception</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female Sterilization</td>
<td>7.1</td>
<td>38.9</td>
<td>5.3</td>
<td>38.7</td>
<td>30.6</td>
<td>24.5</td>
</tr>
<tr>
<td>IUDs</td>
<td>19.6</td>
<td>29.7</td>
<td>21.1</td>
<td>10.4</td>
<td>6.6</td>
<td>1.9</td>
</tr>
<tr>
<td>Pill</td>
<td>34.8</td>
<td>10.0</td>
<td>36.5</td>
<td>24.5</td>
<td>23.0</td>
<td>30.5</td>
</tr>
<tr>
<td>Condom</td>
<td>8.0</td>
<td>11.5</td>
<td>29.1</td>
<td>14.3</td>
<td>16.5</td>
<td>17.3</td>
</tr>
<tr>
<td>Injections</td>
<td>28.6</td>
<td>5.3</td>
<td>0.5</td>
<td>8.1</td>
<td>1.9</td>
<td>6.5</td>
</tr>
<tr>
<td>Male Sterilization</td>
<td>0.0</td>
<td>3.7</td>
<td>4.3</td>
<td>3.4</td>
<td>18.8</td>
<td>17.3</td>
</tr>
<tr>
<td>Other Modern Methods*</td>
<td>1.8</td>
<td>1.0</td>
<td>3.2</td>
<td>0.6</td>
<td>2.6</td>
<td>1.9</td>
</tr>
</tbody>
</table>

* Note: Other modern methods include implants, vaginal barriers, and others.

Reasons for request of fertility restoration

• A change in family circumstances such as the death of a child
• Improved economic situation
• A change in marital status (divorce and remarriage)
• Desire of having more children

1%–5% of the patients will request sterilization reversal

Hillis, Obstet Gynecol, 1999

• Sterilization before 25 years → 18X more likely to request reversal

Hardy E, Contraception, 1996
• Tubal ligation reversal involves microsurgery to repair the fallopian tube after a tubal ligation procedure.
• Laparotomy
• Laparoscopy
• Robotic surgery
The advantages of the successful surgical reanastomosis

- The possibility of natural conception
- Chance of multiple singleton pregnancies.

**IVF option** → a relatively short time to conception
- the cost
- risk of multiple pregnancies
- ovarian hyperstimulation syndrome
- the need for repeating the procedure for desired pregnancy are the disadvantages