Evaluation of systematic screening for family planning services among postpartum women attending community-based child immunization and nutrition days in Jharkhand, India

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USAID identified offering FP services to postpartum women through various means, including screening during immunization, as a promising High Impact Practice for FP

**PPSS** - a simple high impact screening procedure using standardized instrument

Integrated approach - address client’s multiple health needs in single visit

Maximize opportunities to address unmet need for services including family planning

Has been studied and implemented in Nigeria. Piloted in India

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Elaine Charurat, E., Bashir, N., Airede, L.R., et. al. Postpartum Systematic Screening in Northern Nigeria: A Practical Application of Family Planning and Maternal Newborn and Child Health Integration. 2010. ACCESS/Jhpiego

Study Purpose

- To determine the effectiveness of systematic screening as a means to increase the use of family planning and postpartum family planning services in selected MCHIP-supported block of a district in Jharkhand

**Question:** Does PPSS tool increase postpartum family planning counseling and/or provision/referral for PPFP services to women in their first year postpartum who come to the immunization sessions?
Study design

- Quasi experimental mixed methods design
- Conducted in Kolibera block of Simdega district of Jharkhand
- Block has 53 villages and 72,203 population
- Conducted at community based village health nutrition days
Why Village Health and Nutrition Days

- TFR in Jharkhand is about 3, with a 34% unmet need for FP
- Village Health & Nutrition Days occur monthly at village level
- Supported by the National Rural Health Mission
- Potential place for counseling women in postpartum period
Intervention

- Capacity building for auxiliary nurse midwives (ANMs), sahiyas (CHWs equivalent) and Anganwadi Workers (AWWs)

- Two day PPFP counseling training followed by one day PPSS tool training at intervention areas only:
  - Re-cap the importance of PPFP
  - Overview and use of PPSS tools
  - Counseling techniques
  - Role play
  - Discussion on how to effectively incorporate PPSS into routine practice
  - Recording and documentation
Data collection

- Midline and end line data collection through standardized tools in intervention and control sites - Service statistics
- No individual level data was collected
- Data was collected from 30 intervention & control sites by trained data collectors and supervised by data supervisor, state & MER team
**MCHIP India Post-partum Systematic Screening Instrument**

<table>
<thead>
<tr>
<th>Name of Village</th>
<th>Name of Sub-centre</th>
<th>Name of PHC/CHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>गाँव का नाम</td>
<td>उप-स्वास्थ्य केन्द्र का नाम</td>
<td>प्राथमिक/सामुहिक स्वास्थ्य केन्द्र का नाम</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Client’s name or ID</th>
<th>Date</th>
<th>Screening done by (Name)</th>
<th>ASHA</th>
<th>AWW</th>
<th>ANM</th>
</tr>
</thead>
<tbody>
<tr>
<td>लाभार्थी का नाम या ID</td>
<td>तिथि</td>
<td>जो निकाले हैं (साम)</td>
<td>सहिया</td>
<td>आयोजनकी सेविका</td>
<td>एनएम</td>
</tr>
</tbody>
</table>

**How old are you? (Thank her if she is more than 49 years & terminate the screening.)**

(आपको 49 वर्ष से अधिक हो तो घबराव करे और सुनियोजित जांच समाप्त करे)

**The questions below is to be filled by Sahiya/ आयोजनकी सेविका हरा भरा जाने हैं**

**Screening questions सुनियोजित जांच प्रश्नावली**

**(be sure to include reason for visit in required services)**

(आपने के कारण को ली जाने वाली सेवाओं में सुनियोजित करें)

<table>
<thead>
<tr>
<th>To be filled by ANM</th>
<th>निम्नलिखित एनएम हरा भरा जाने होँगे</th>
</tr>
</thead>
</table>

**What is the reason for today’s visit? आज आपको आने का कारण क्या है?**

<table>
<thead>
<tr>
<th>Service Outcome (Tick)</th>
<th>Remarks (if any)</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Provided हो गई</td>
<td>□ Referral रेफर</td>
</tr>
</tbody>
</table>

**How old is your youngest child? आपके सबसे छोटे बच्चे कितनी है?**

<table>
<thead>
<tr>
<th>□ &lt; 6 wks 6 सप्ताह से कम</th>
<th>□ 6 wks - 6 m 6 माह से कम</th>
<th>□ 6 m - 1 yr 1 साल से 6 माह के बीच</th>
<th>□ ≥ 1 yrs 1 वर्ष से अधिक</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 सप्ताह से कम</td>
<td>6 माह से कम</td>
<td>6 माह से 1 वर्ष</td>
<td>≥ 1 yrs 1 वर्ष से अधिक</td>
</tr>
</tbody>
</table>

**Are you receiving Postpartum Care? आप पोस्टपर्यावरण के लिए सेवाएं प्राप्त कर रहे हैं?**

<table>
<thead>
<tr>
<th>□ Yes है</th>
<th>□ Postpartum Check-up पोस्टपर्यावरण जांच</th>
</tr>
</thead>
</table>

**Have you been exclusively breastfeeding your youngest child? आपके सबसे छोटे बच्चे को जब से वह पैदा हुआ/हुई है, कैसे स्तनपान कर रहे हैं?**

<table>
<thead>
<tr>
<th>□ Yes है</th>
<th>□ Breastfeeding &amp; Nutrition counseling स्तनपान और पौष्टिक सल्वाजन</th>
</tr>
</thead>
</table>

**Have your menses returned? क्या आपका गाम्सिक धर्म फिर से शुरू हो चुका है?**

<table>
<thead>
<tr>
<th>□ Yes है</th>
<th>□ Counseling for HTSP, LAM and transition सही समय और गर्भ अन्तराल, लैम एवं अन्य विधि के बीच में परिवर्तन</th>
</tr>
</thead>
</table>

**Are you pregnant? क्या आप पर्यावरण हैं?**

<table>
<thead>
<tr>
<th>□ Yes है</th>
<th>□ ANC अत्यधिक पूर्व जांच</th>
</tr>
</thead>
</table>

**Remarks (if any) यदि कोई रिमार्क**

**MCHIP INDIA PPSS (BILINGUAL) TOOL Page 1 of 2**
<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
<th>Addendum</th>
<th>Provided</th>
<th>Referred</th>
</tr>
</thead>
<tbody>
<tr>
<td>Are you using any contraceptive?</td>
<td></td>
<td></td>
<td>Counsel for HTSP, RTF and PPFP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(If using contraceptive), Are you satisfied with your current contraceptive?</td>
<td></td>
<td></td>
<td>Counsel for PPFP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you want to get any contraceptive?</td>
<td></td>
<td></td>
<td>Provide/refer for PPFP services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have all your children &lt;5 completed vaccinated?</td>
<td></td>
<td></td>
<td>Give messages on importance of Immunization</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is there any other service you would like to receive today, or would like to be referred for?</td>
<td></td>
<td></td>
<td>List services:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

After completing the screening, present the form to the ANM अनुदेशक समाप्त होने पर भरे हुए फर्म को एएनएम को दे।

Observations: टिप्पणीः

USAID
Change in FP Counseling
(Source: Service Statistics)

![Bar chart showing change in FP Counseling with p<0.01]

- Midline Control: 38.2
- Endline Control: 46.3
- Midline Intervention: 18.3
- Endline Intervention: 55.5
Change in FP Services and Referrals
(Source: Service Statistics)

![Chart showing changes in FP services and referrals. The chart compares midline control, endline control, midline intervention, and endline intervention. The endline intervention shows a significant increase with a p-value of <0.01.]
Change in Immunization (DPT) Service Provision (Source: Service Statistics)

- Midline Control: 14.5
- Endline Control: 24.4
- Midline Intervention: 19.3
- Endline Intervention: 27.1

p<0.01
Conclusions

- There is uptake of FP services/counseling/referrals as evident by service statistics
- There is no reduction in the immunization services offered in VHND