Turning disaster into an opportunity for improving maternal and newborn care services in the Philippines

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Super typhoon Haiyan ("Yolanda") Strongest typhoon on record to make landfall (as of 2013)
Super typhoon Haiyan ("Yolanda")
Super typhoon Haiyan ("Yolanda")

Balangiga, Albino M Duran Memorial Hospital

Guiuan, the Felipe J. Abrigo Memorial Hospital

Marabut. BHS with birthing services
Methodology

Rapid Assessments

EINC Training of Trainers

EINC QI Workshops

1-month and 3-month post training visits

EINC = Essential Intrapartum & Newborn Care
QI = Quality Improvement
Super typhoon Haiyan ("Yolanda")

- Leyte Provincial Hospital
- Tabon-tabon RHU
- Tanuan RHU
- Mayorga RHU
Service availability indicators, Region 8, Philippines

Eastern Visayas (Leyte, Eastern and Western Samar)

- Kangaroo mother care: 97% (36 weeks post-landfall), 68% (28 weeks post-landfall), 58% (16 weeks post-landfall)
- Antenatal steroids: 97% (36 weeks post-landfall), 74% (28 weeks post-landfall), 36% (16 weeks post-landfall)
- Neonatal resuscitation: 97% (36 weeks post-landfall), 76% (28 weeks post-landfall), 31% (16 weeks post-landfall)
- Parenteral magnesium sulfate: 97% (36 weeks post-landfall), 39% (28 weeks post-landfall), 31% (16 weeks post-landfall)
- Parenteral oxytocin: 97% (36 weeks post-landfall), 89% (28 weeks post-landfall), 31% (16 weeks post-landfall)
- Parenteral antibiotics: 97% (36 weeks post-landfall), 76% (28 weeks post-landfall), 36% (16 weeks post-landfall)
- 24/7 Skilled Birth Attendance: 94% (36 weeks post-landfall), 84% (28 weeks post-landfall), 75% (16 weeks post-landfall)

- 3-months post-training evaluation (36 weeks post-landfall)
- One-month post-training evaluation (28 weeks post-landfall)
- Baseline (16 weeks post-landfall)
Equipment & supply indicators, Region 8, Philippines

**Eastern Visayas (Leyte, Eastern and Western Samar)**

<table>
<thead>
<tr>
<th>Item</th>
<th>Baseline</th>
<th>One-month post-training</th>
<th>3-months post-training</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up-to-date delivery register</td>
<td>33%</td>
<td>56%</td>
<td>97%</td>
</tr>
<tr>
<td>IMPAC guidelines</td>
<td>0%</td>
<td>5%</td>
<td>16%</td>
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<tr>
<td>Magnesium sulfate</td>
<td>0%</td>
<td>39%</td>
<td>66%</td>
</tr>
<tr>
<td>Injectable uterotonic</td>
<td>0%</td>
<td>33%</td>
<td>63%</td>
</tr>
<tr>
<td>Corticosteroids</td>
<td>0%</td>
<td>33%</td>
<td>63%</td>
</tr>
<tr>
<td>PMTCT drugs</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Towels for drying</td>
<td>0%</td>
<td>3%</td>
<td>5%</td>
</tr>
<tr>
<td>Soap or hand disinfectant</td>
<td>0%</td>
<td>64%</td>
<td>69%</td>
</tr>
<tr>
<td>Newborn bag &amp; mask</td>
<td>0%</td>
<td>18%</td>
<td>81%</td>
</tr>
</tbody>
</table>

- **Baseline** (16 weeks post-landfall)
- **One-month post-training** (28 weeks post-landfall)
- **3-months post-training** (36 weeks post-landfall)
Service standards indicators, Region 8, Philippines

Eastern Visayas
(Leyte, Eastern and Western Samar)

- Room thermometer in delivery area
  - 3-months post-training evaluation (36 weeks post-landfall): 45
  - One-month post-training evaluation (28 weeks post-landfall): 41
  - Baseline (16 weeks post-landfall): 17

- Hepatitis B birth dose
  - 3-months post-training evaluation: 89
  - One-month post-training evaluation: 81
  - Baseline: 75

- BCG birth dose
  - 3-months post-training evaluation: 94
  - One-month post-training evaluation: 93
  - Baseline: 53

- Non-separation and initiation of breastfeeding
  - 3-months post-training evaluation: 89
  - One-month post-training evaluation: 83
  - Baseline: 72

- Partograph filled out correctly
  - 3-months post-training evaluation: 97
  - One-month post-training evaluation: 71
  - Baseline: 64

- AMTSL
  - 3-months post-training evaluation: 94
  - One-month post-training evaluation: 89
  - Baseline: 0

- Companion of choice
  - 3-months post-training evaluation: 94
  - One-month post-training evaluation: 89
  - Baseline: 0

Legend:
- Green: 3-months post-training evaluation (36 weeks post-landfall)
- Red: One-month post-training evaluation (28 weeks post-landfall)
- Blue: Baseline (16 weeks post-landfall)
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*Kalusugan ng Mag-Ina, is Filipino for “Health of Mother and Child”

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