

Assessing the Quality of Comprehensive Postnatal Care:

Tools and Resources for Measurement

Postpartum Family Planning
ACCESS-FP
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AIM Manual

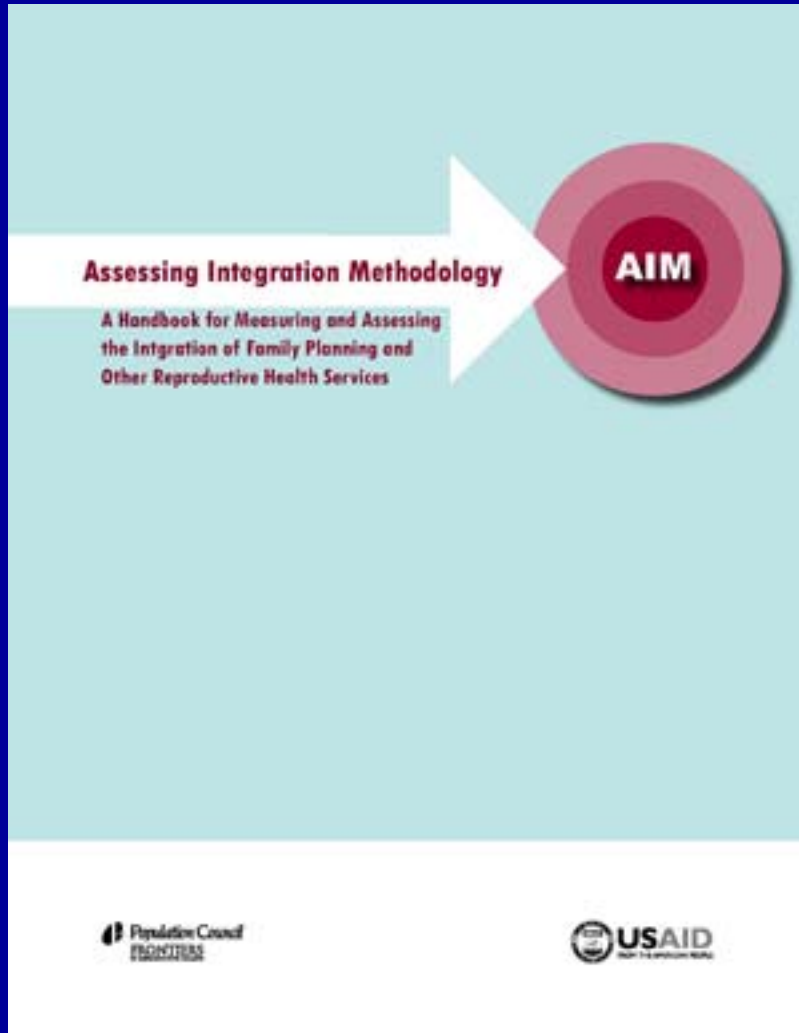
The manual provides methodological guidance for **describing, measuring or assessing** integrated services:

- explains basic principles for using AIM;
- provides tips for data collection;
- avails *validated* data collection instruments.

Countries Where AIM Has Been Used



Data Collection Tools



- **Facility inventory** of services, infrastructure, equipment and supplies
- **Observation guide** for recording provider / client interactions
- **Standardized questionnaire** for *client* exit interviews
- **Questionnaire** for *provider* interviews
- **FGDs** with clients

Implementation Feasibility



Composite indicators for measuring **facility readiness** *prior* to any **intervention** include availability of:

- Services
- Equipment
- Drugs
- Vaccines
- FP commodities
- In-service training
- Minimum infrastructure

For example—

Essential Drugs:

Micronutrient supplements
Antibiotics
Anti-retrovirals (tablets,
injections and syrups)

Essential FP Commodities:

Injectables
Pills
IUD
Male / female condoms
Implants

Essential Equipment:

BP machine
Stethoscope
Foetoscope
Examination couch
Spotlights

Essential Vaccinations:

BCG
Polio
DPT
Measles
TT

Health Facility Readiness

Baseline, Kenya 2007

<i>Availability of:</i>	All Average score	Hospital only Average score	Four HCs only Average score
Services offered (0–13)	10.5	8	11.3
Equipment available (0–10)	9	8	9.3
Essential drugs (0–11)	7.3	7	7.3
Essential vaccines (0-6)	6	6	6
FP commodities (0-9)	7	8	6.7
In-service staff training (0–9)	8	7	8.3
Total score (0–58)	47.8	44	48.9

Key Quality of Care Indicators



Danger signs in Mother:

Bleeding
Discharge condition
Perineum DVT



Examination:

TPR
BP
pallor
Breast examination
Abdomen palpate



Counseling:

Fertility
FP methods
HIV / STIs risk
factors

Family Planning and Fertility Counseling

Post-intervention, Kenya

<i>Counseled on:</i>	Consultations		
	48 Hrs	1- 2 Wks	6 Weeks
	(n=29) %	(n=64) %	(n=70) %
Return to fertility	83	49	67
Return to sexual activity	69	50	45
FP methods	86	83	40
Healthy timing and spacing of pregnancies	86	n/a	40
Composite score (0-4)	3.24	1.61	1.7**

Newborn QoC Scoring

- **Asking** about danger signs: (3)
 - difficulty breathing or feeding
 - poor temp control
- **Counseling** on danger signs: (3)
- Immunizations **given**: (2)
 - Polio
 - Pentavalent
- **Counseling** on infant feeding: (3)
 - advice on feeding
 - re-emphasize exclusive breast feeding
 - management of breastfeeding

Infant Feeding Counseling

<i>Indicator:</i>	48 hrs	1-2 wks	6 weeks
	(n=29) %	(n=64) %	(n=70) %
Advice on infant feeding	100	97	97
Re-emphasizing exclusive breastfeeding	100	92	75
Encouraging mother to discuss management	82	56	56
Composite score (0-3)	1.79	1.47	2.2**

Maternal Composite Indicators:

Provider activities observed *during consultation*

<i>Indicator:</i>	<i>Pre-</i>	<i>Post- intervention</i>		
	Kenya (n=86)	Kenya (n=70)	Lesotho (n=50)	Swazi. (n=51)
Danger signs since childbirth (0–4)	0.47	1.56**	1.08	1.78**
Physical examination conducted (0–7)	1.88	3.79**	5.45	4.43
Family planning (0–4)	0.53	1.70**	1.88	1.94
Counseling on HIV / STIs (0–8)	0.51	1.15*	1.04	2.71
Total score (0–23)	3.4	8.72**	9.45	10.86**

*p < 0.05, **p < 0.01

Newborn Composite Indicators:

Provider activities observed *during consultation*

<i>Indicator:</i>	<i>Pre-</i>	<i>Post- intervention</i>		
	Kenya (n=86)	Kenya (n=70)	Lesotho (n=50)	Swazi. (n=51)
Asking about any danger signs (0–3)	0.55	1.11**	0.68	1.29**
Counseling on possible danger signs (0–3)	0.24	1.39**	0.68	2.06**
Counseling on infant feeding (0–3)	1.33	2.19**	2.1	1.4**
Total Q of C index for newborn (0–9)	2.12	4.69**	3.55**	4.75**

Maternal and Newborn Composite Indicators

<i>Maternal and newborn score: (23 + 9 = 32)</i>	<i>Pre-</i>	<i>Post- intervention</i>		
	Kenya (n=86)	Kenya (n=70)	Lesotho (n=50)	Swazi. (n=51)
Maternal score	3.4	8.72**	9.45**	10.86**
Newborn score	2.12	4.69**	3.55**	4.75**
PNC quality of care (0-32)	5.52	13.41**	13.0	15.61**

Summary

- Useful tool for planning and monitoring facility **readiness and care**
- Provides an overview of components of **integrated care**
- Quality of care scores *can* be **compared** over time, between facilities and countries
- Countries **interested** in integrating postpartum FP and postnatal care



Summary, continued

- **Feasibility** of integrated care models demonstrated
- **Clarity** of components of integrated care specified
- **Positive outcomes** at provider and client levels demonstrated
- **Continued emphasis** on integration and linkages at policy level required
- **Stronger facility and community links** required.

