

**TRACKING THE USE OF AMTSL IN A
TEACHING HOSPITAL, IN GHANA.**

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Tracking of AMTSL in Korle Bu Teaching Hospital (KBTH), Ghana

- **Objectives**

- To share the experience in tracking use of AMTSL in the--
 - Delivery log
 - Partograph
 - other Charts
- To share lessons learnt
 - successes
 - challenges

CAMBIO INTERVENTION

- Tracking was part of the CAMBIO intervention-
Changing AMTSL Behaviors In Obstetrics
- A multifaceted approach to behavioural change in AMTSL to improve compliance
- **Monitoring of Deliveries from 23rd September to 3rd November 2009 , is still ongoing**
- **Tracking was to detect any improvement in AMTSL indicators after CAMBIO intervention – using ward records.**

CAMBIO COMPONENTS

- **Baseline AMTSL evaluation**
- **Selection of facilitators by their peers**
- **Intervention in KBTH**
 - **Training on the interpretation of EBM,**
 - **Seminar on AMTSL**
 - **Training of birth attendants on manual skills with anatomical models.**
 - **Academic Detailing**
 - **Use of reminders**
 - **Feedback**
- **Implementation and monitoring was by 9 facilitators .**

PATH funded the deployment of this program in agreement with the Ghanaian Health Service in the two biggest academic hospitals of the country: Korle Bu (KBTH) and Komfo Anokye (KATH).

Data sources for tracking AMTSL

- Delivery log – a register completed after delivery
 - Time of Delivery
 - Time of syntocinon administration
 - Uterine Massage
- Labour Chart – a 4- page document on each delivery
 - Controlled cord traction - *documented*
 - ¼ hourly uterine Massage for 2 hours (special stamp for the study)
- Partograph ---AMTSL data was not recorded on Partograph in KBTH.

Tracking of uterine massage for 2hrs



Birth attendant stamping the 4-page labour chart with uterine massage stamp. Delivery register is shown below the labor ward chart.

Uterine Massage Tracking

stamp for monitoring Uterine Massage quarter hourly after delivery

Uterine Massage. Time Del ... Hrs.			
Del. Time	Uterus state	Action	State Staff
+15mins	LAX	RUB CONT	ROSE QUARTEY
30 MINS	FIRM	None	Rose Q ""
45 MINS	Lax	Rub Cont	Dr. Isaac
+60mins			
+ 2 Hrs			

Data Collection

- Daily extraction of data from
 - **Delivery log (register)**
 - **Labour ward Chart**
 - **Including**
 - **Date/ time of delivery**
 - **Time of syntocinon administration**
 - **Uterine massage after delivery of placenta**
 - **¼ Hrly massage -- no. of times in 2 hours**
 - **Name of the birth attendant**
 - **Patient's Hospital number**

SYNTOCINON ADMINISTRATION IN DELIVERIES AT KBTH

POST SEMINAR AND ACADEMIC DETAILING-23.9.09 – 3.11.09

(six hundred deliveries)

	WEEK ONE	WEEK TWO	WEEK THREE	WEEK FOUR	WEEK FIVE	WEEK SIX	TOTAL
No OF DELIVERIES	69	98	85	117	111	120	600
No of DEL WITH SYNTOCINON IN ONE MIN.	61	70	66	101	103	114	515
PERCENTAGE COMPLIANCE	88.4 %	71.2 %	77.6 %	86.3 %	92.8 %	<u>95.0</u> %	85.8 %

Indicator 1 : Compliance rose from 88.8% to 95 % by the sixth week

UTERINE MASSAGE IN DELIVERIES AT KBTH

POST SEMINAR AND ACADEMIC DETAILING-23.9.09 – 3.11.09

	WEEK ONE	WEEK TWO	WEEK THREE	WEEK FOUR	WEEK FIVE	WEEK SIX	TOTAL
No OF DELIVERIES	69	98	85	117	111	120	600
SOME UTERINE MASSAGE (1 -7)	31	50	59	85	104	102	431
FULL COMPLIANCE (8X)	8	15	37	49	81	68	258
PERCENTAGE FOR FULL COMPLIANCE (Indicator 4)	11.6 %	15.5= 3 %	43.5%	41.9 %	73.0 %	<u>56.7</u> %	43.0 %

Full compliance rose from 11.6% to 56.7% by the sixth week

SIXTH WEEK INDEPENDENT DIRECT OBSERVATION OF TEN DELIVERIES --

Observation of Ten Deliveries	No of Deliveries	Percentage of Deliveries
Syntocinon administration within one minute (Indicator 1)	8	80 %
Use of controlled cord traction (Indicator 2)	8	80 %
Syntocinon administration 1 min & CCT (Indicator 3)	8	80 %
Uterine massage ¼ hrly for 2hrs (Indicator 4)	8	80 %
No. of Deliveries observed	10	

Lessons Learnt I

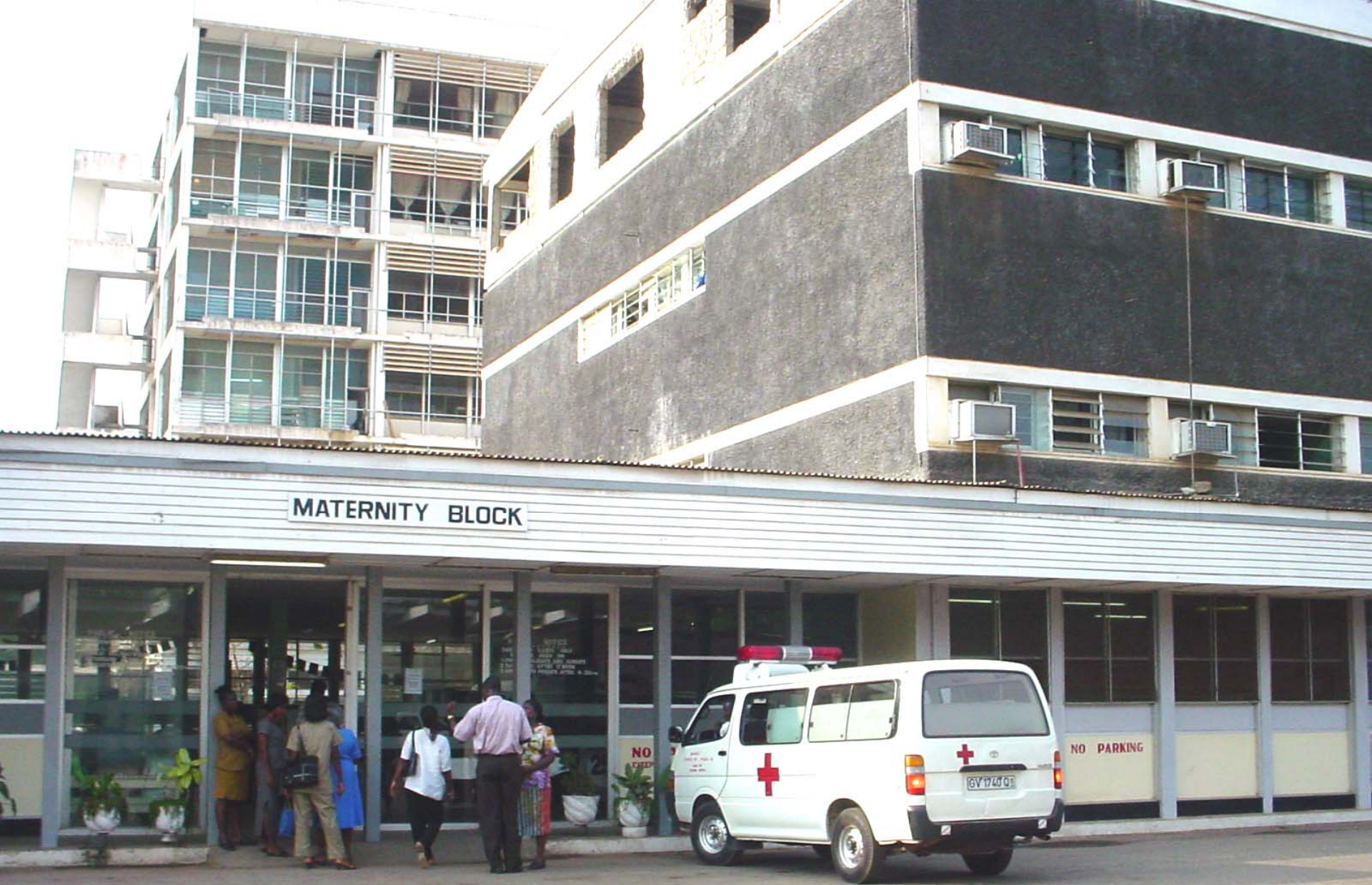
- *AMTSL can be tracked using the 3 components recorded in the delivery log/patograph/other charts.*
- *Other Hospitals and clinics can track the use of AMTSL. A little more effort may be required for tracking the quarter hourly uterine massage.*
- *I would recommend documentation of the massage using the stamp. A Quarterly Audit after it has become established practice.*
- *AMTSL can be included in the HMIS reporting in Ghana.*
- *Team work by the facilitators, and shared responsibility, and weekly or two weekly meetings. It does not require a champion to track AMTSL*

Lessons Learnt II

- Tracking of AMTSL has generated a positive attitude in the birth attendants.
- After training and use of AMTSL and its tracking for about a year, indicator 4 may be a simple and sensitive Global indicator, but the occasional audit of the other indicators 1,2,3, should be carried out internally.

Recommendation

1. Creation of columns for the data required for tracking AMTSL is crucial and nations should soon design their Delivery log to include them.
2. Research to determine whether uterine massage can be performed less often but still be effective. eg, in the second hour.
3. Pre- loaded syntocinon and its storage, if already perfected, should be considered for wider use.



MATERNITY BLOCK

NO
PARKING

NO PARKING

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Thank you