

## Longitudinal Indian Family Health Study (LIFE)

### Summary Report

The progress of the study as of 04 April 2017 is as follows:

**Recruitment:** The number of women enrolled = 1227(642couples and 585 only women)

**Deliveries:** Number of deliveries for LIFE women= 1237(100.0)

At MediCiti Hospital = 895(72.35%)

Outside MediCitiHospital = 342(27.65%)

#### Outside deliveries by site of delivery

Sl.no	Name of the Hospital	No.of deliveries
1	Raju Hospital, Medchal	82
2	Mehar Hospital, Medchal	18
3	VVR Hospital, Medchal	12
4	Navya Hospital, Medchal	03
5	RMPHospital/PHC (Medchal,Dabilpur,Gowdavelly,Srirangavaram)	09
6	Other Hospitals in Medchal	11
7	Harsha Hospital, Kompally	06
8	R.R Hospital, Kompally	03
9	Ashritha Hospital, Kompally	08
10	Prashamsha Hospital, Alwal	05
11	Sundaramma Hospital, Alwal	06
12	Home Deliveries	14
13	Outside Medchal	61
14	Gandhi Hospital	15
15	Outside District	72
16	Govt. Hospital	08
17	Other State	9
	<b>Total</b>	<b>342</b>

#### Type of Delivery

Delivery type	Place of delivery		Total
	Medicit N %	Non Medicit N %	N %
Normal	498(55.64)	170(49.71)	668(74.64)
Ceasarean	397(44.36)	172(50.29)	569(63.58)
All	895(100)	342(100)	1237(100)

#### Distribution of live births by weight at birth

Birth weight (kg)	Live births at MediCiti	Live births outside MediCiti	Total Live births
< 2.5	181(20.52)	60(17.6)	241(19.71)
= 2.5	64(7.26)	68(19.94)	132(10.79)
> 2.5	637(72.22)	213(62.46)	850(69.5)
<b>Total</b>	<b>882(100)</b>	<b>341(100)</b>	<b>1223(100)</b>

Note: Birth weight data are given only for live births. No. of twins = 10

#### **Pregnancy**

Total no. of currently pregnant women =20

Total no. of women in 1<sup>st</sup>trimester=3

Total no. of women in 3<sup>rd</sup>trimester =6

Total no. of Pregnancy loss: 264

Total no. of Intra uterine deaths (IUD): 18

Total no. of Still birth: 06

**No. of children living by age:**

Current age in month	No. of children
0 – 2	1
3 – 5	14
06 - 08	16
9 – 11	13
12 – 14	18
15 – 17	17
18 - 20	14
21 - 23	25
24 - 26	24
27 - 29	29
30 - 32	26
33 - 35	28
36 - 38	22
39 - 41	44
42 -44	44
45 - 47	52
48 -50	52
51 - 53	64
54 - 56	68
57 - 59	79
60 - 62	91
63 - 65	110
66 - 68	77
69-71	85
72-74	56
75-78	59
79-84	57
<b>Total</b>	<b>1185</b>

### Child Follow-up visits

<b>6 months</b>	
Questionnaires completed	937
Questionnaires pending (6-8 months)	8
Child follow up missing since 6months	2
Child follow up missing before 6months	229
<b>12 months</b>	
Questionnaires completed	882
Questionnaires pending (12-14 months)	5
Child follow up missing since 6months	0
Child follow up missing before 6months	256
<b>18 months</b>	
Questionnaires completed	908
Questionnaires pending (18-20 months)	6
Child follow up missing since 6months	3
Child follow up missing before 6months	193
<b>24 months</b>	
Questionnaires completed	858
Questionnaires pending (24-26 months)	9
Child follow up missing since 6months	4
Child follow up missing before 6months	198
<b>36months</b>	
Questionnaires completed	781
Questionnaires pending (36-38 months)	6
Child follow up missing since 6months	2
Child follow up missing before 6months	170
<b>48months</b>	
Questionnaires completed	617
Questionnaires pending (48-50 months)	25
Child follow up missing since 6months	14
Child follow up missing before 6months	141
<b>60months</b>	
Questionnaires completed	437
Questionnaires pending (60-62 months)	53
Child follow up missing since 6months	23
Child follow up missing before 6months	17

Note: Reasons for missing: (Initially delayed preparation of questionnaire for 6 & 12months, some children made ineligible due to by applying mother's ineligible criteria, vacant, refused, child given for adoption etc.)

**Under five children deaths by site of delivery**

Site of delivery	No. of infant deaths 0-1year age	No. of child deaths 1year & above age
Home	02	
MediCiti	18	02
Raju Hospital	05	
Tara Hospital	02	
Meher Hospital	02	
Deccan health service, New Allapur, Borbanda	01	
Yashoda Hospital	01	
Gandhi Hospital	01	01
Konark Hospital	01	
Govt. Hospital, Sangareddy	01	
Govt. Hospital, Thupran	01	

**Under five children deaths by birth weight**

Birth weight (kg)	No. of infant deaths 0-1year age	No. of child deaths 1year & above age
< 2.5 kg	16	01
=2.5 kg	04	01
>2.5	15	01

**Probable cause of death based on verbal autopsy method**

Cause of death	No. of under five children deaths
Sepsis (preventable)	16
Congenital pneumonia (non-preventable)	01
Aspiration pneumonia (preventable)	08
Asphyxia (preventable)	03
Snake bite (accident)	01
Congenital malformation (Non preventable)	06
Tension Pneumothorax (Preventable)	01
Drowning	01
Respiratory distress syndrome(Non preventable)	01

**Age of the under five children at the time of death:**

No. of days /months the child survived after birth	No. of under five children deaths
Less than 24 hours	7
1-6 days	12
7-28 days	2
1 month	4
2 months	2
3 months	2
4 months	2
8 months	1

9 months	2
10 months	1
18 months	1
24 months	2
<b>Total</b>	<b>38</b>

**Total no. of under five children deaths: 36**

Infant Deaths = 35, (Neonatal deaths (up to 28 days of life) = 21 and Post neonatal deaths = 14)

Child death (1-4 years) =3

**Sample given status of deliveries**

	MediCiti	Non-MediCiti
No. of deliveries	895	342
Blood collected	884	71
Urine collected	860	54
V. swab	857	46
Stool	814	14

**Baby samples**

	MediCiti	Non- MediCiti
No. of live births	882	341
Cord blood collected	864	8
Cord blood missing since 6 months	0	1
Cord blood missing before 6 months	18	332
Meconium collected	784	23
Meconium missing since 6 months	0	1
Meconium missing before 6 months	98	317

**PNC follow-up status (all samples)**

	MediCiti	Non-MediCiti
Deliveries	895	342
Eligible(>25 days)	882	341
Questionnaire (+) Lab completed	841	265
Pending	1	0
Missing since 12 months	2	3
Missing before 12 months	38	73
Blood collected	827	248
Urine collected	824	242
V. swab collected	821	243
Stool collected	617	142