

Longitudinal Indian Family Health Study (LIFE)

Summary Report

The progress of the study as of 5th Feb 2018 is as follows:

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

Deliveries: Number of deliveries for LIFE women= 1262(100.0)

At MediCiti Hospital = 915(72.50%)

Outside MediCiti Hospital = 347(27.50%)

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	RMP Hospital/PHC (Medchal,Dabilpur,Gowdavelly,Srirangavaram)	11
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	16
15	Outside District	73
16	Govt. Hospital	09
17	Other State	9
	Total	347

Type of Delivery

Delivery type	Place of delivery		Total
	Medicit N %	Non Medicit N %	N %
Normal	508(55.52)	173(49.86)	681(53.96)
Cesarean	407(44.48)	174(50.14)	581(46.04)
All	915(100)	347(100)	1262(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	188(20.84)	60(17.34)	248(19.87)
= 2.5	64(7.1)	69(19.94)	133(10.66)
> 2.5	650(72.06)	217(62.72)	867(69.47)
Total	902(100)	346(100)	1248(100)

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

Pregnancy

Total no. of currently pregnant women =14

Total no. of women in 1sttrimester=2

Total no. of women in 3rdtrimester =5

Total no. of Pregnancy loss: 275

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	2
3 – 5	8
06 - 08	6
9 – 11	8
12 – 14	7
15 – 17	14
18 - 20	10
21 - 23	18
24 - 26	13
27 - 29	22
30 - 32	12
33 - 35	28
36 - 38	23
39 - 41	30
42 -44	30
45 - 47	22
48 -50	27
51 - 53	46
54 - 56	47
57 - 59	51
60 - 62	52
63 - 65	69
66 - 68	64
69-71	89
72-74	95
75-78	123
79-83	139
84-86	46
87-89	45
90-93	61
94-96	2
Total	1209

Child Follow-up visits

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.)

6 months	
Questionnaires completed	968
Questionnaires pending (6-8 months)	0
Child follow up missing since 6months	0
Child follow up missing before 6months	237
12 months	
Questionnaires completed	929
Questionnaires pending (12-14 months)	0
Child follow up missing since 6months	0
Child follow up missing before 6months	258
18 months	
Questionnaires completed	963
Questionnaires pending (18-20 months)	4
Child follow up missing since 6months	2
Child follow up missing before 6months	195
24 months	
Questionnaires completed	923
Questionnaires pending (24-26 months)	7
Child follow up missing since 6months	2
Child follow up missing before 6months	201
36months	
Questionnaires completed	866
Questionnaires pending (36-38 months)	9
Child follow up missing since 6months	2
Child follow up missing before 6months	180
48months	
Questionnaires completed	763
Questionnaires pending (48-50 months)	10
Child follow up missing since 6months	3
Child follow up missing before 6months	171
60months	
Questionnaires completed	653
Questionnaires pending (60-62 months)	33
Child follow up missing since 6months	20
Child follow up missing before 6months	66
6_7 years	
Questionnaires completed	201
Questionnaires pending (72-84 months)	289
Child follow up missing since 6months	14
Child follow up missing before 6months	0

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	19	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	16	01

Probable cause of death based on verbal autopsy method

Cause of death	No. of <5 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
Immunization Failure(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	3
3 months	2
4 months	2
8 months	1
9 months	2
10 months	1
18 months	1
24 months	2
Total	39

Total no. of under five children deaths: 36

Infant Deaths = 36, (Neonatal deaths (up to 28 days of life) = 21 and Post neonatal deaths = 15)

Child death (1-4 years) =3

Sample given status of deliveries

	MediCiti	Non-MediCiti
No. of deliveries	915	347
Blood collected	902	72
Urine collected	878	55
V. swab	874	46
Stool	837	14

Baby samples

	MediCiti	Non- MediCiti
No. of live births	902	346
Cord blood collected	883	8
Cord blood missing since 6 months	0	3
Cord blood missing before 6 months	19	335
Meconium collected	803	23
Meconium missing since 6 months	0	3
Meconium missing before 6 months	99	320

PNC follow-up status (all samples)

	MediCiti	Non-MediCiti	Total
Deliveries	915	347	1262
Eligible(>25 days)	902	346	1248
Questionnaire (+) Lab completed	858	266	1124
Pending	0	0	0
Missing since 12 months	5	4	9
Missing before 12 months	39	76	115
Blood collected	843	249	1092
Urine collected	840	243	1083
V. swab collected	836	243	1079
Stool collected	625	143	768