

MTMH FHR changes but Apgar scores 7 or higher at 5 minutes n= 164

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
1.	22c 102 on 12-13 c	CS	6 &10	2.8Kg	Yes	5	Yes	no	MildBA
2.	16 c then 106,110 108	IVF 3.8K CS	8 &10	Footling breach	No	No	3	no	
3.	8c then 2 at 110 100 Mec	VD	6 &10		Yes Nose/mouth due to meconium	3	Yes	no	MildBA
4.	3c then 1 at 108	VD	5 & 8	2.6K	Yes	6	Yes	no	MildBA
5.	5c then 116 and 116 1S	IVF D50 2.9K VD	9.&10		None		None		
6.	4c at 7cm dilated 119 Aged 16	IVF D50 VD	5 & 8	2.6K	Yes	4	Yes	no	MildBA
7.	9c 110, 111, 115bpm	CS age (50) and gravida G13 P11 OBC provided all materials for surgery	4 & 7	Prolonged labour 4Kg Long distance from clinic to hospital Meconium	Yes		Yes due to meconium	NO	BA
8.	4 con were normal but contacted MW	CS fetal distress	7&10	3.3k	Yes	4	Yes	no	Mild BA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
9.	2 normal c the 8 at 84-102	IVF D50 LLT CS	2 & 7		Yes BM O2	NR	Yes	No	BA
10.	On arrival 110-115 MEC	IVF D50 LLT Birth chair VD	6 & 8	2.7kg	Yes	4	Yes	no	Mild BA
11.	7 normal then 2c 176, 171 MEC	Breech VD whilst CS awaited Relatives getting materials	6 & 9	2.5K	Yes	3	Yes	no	MildBA
12.	5c good then 6 X MEC	IVF D50 CS	3 & 8	Retained 2 nd twin at clinic	Yes	5	Yes	no	MildBA
13.	On arrive clinic stayed long 114 and 119	IVF D50 LLT VD	5 & 7	2.8K	Yes	4	Yes	NO	BA
14.	5 normal c then 3 112-119	CS	5 & 8	3kg Eclampsia MgSO4	Yes	5	Yes	no	MildBA
15.	4 normal c then 3 117-119	IVF D50 LLT birth chair VD	6 & 10	4kg	Yes	2	Yes	no	Mild BA
16.	5 normal c then 9 115-119	IVF D50 LLT CS	5 & 8		Yes	4	Yes	no	MildBA
17.	3 normal c then 2 116-119	IVF D50 VD	6 & 8	2.5K	Yes	2	Yes	no	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
18.	On arrive 116-119	VD	5 & 8	3K	Yes	2	Yes	no	MildBA
19.	On arrive 114-119 8cm	IVF D50 birth chair VD	5 & 7	2.7K	Yes	6	Yes	no	BA
20.	On arrive 117-119 MEC then 121-128	IVF D50 VD	7 & 10	2.7K	Yes	4	Yes	no	Mild BA
21.	On arrive 117-120 MEC	IVF D50 birth chair VD	6 & 8	3kg	Yes	4	Yes	no	MildBA
22.	4 normal c then 115-119	IVF D50 LLT CS	5 & 7	Obstructed labour	Yes	5	Yes	no	BA
23.	2 normal c then 4 116-119	IVF LLT Prepare CS	6 & 8	Breech Transverse 4Kg	Yes	3	Yes	no	MildBA
24.	On arrive fully 3 normal then 119-118	Birth chair VD	6 & 10	3.8Kg	Yes	3	Yes	no	Mild BA
25.	113-191	CS	6 & 8	3kg Mother malaria	Yes	3	Yes 6dy	no	MildBA
26.	2 normal c then 116-118 Long labour in clinic	IVF LLT CS supplies needed	6 & 7	3.1K	Yes	2	Yes 6dy	no	BA
27.	2 normal then 4 117-119	IVF VD	5 & 7	2.9K	Yes	4	Yes 7dy	no	BA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
28.	13 norm then 1 at 118 8cm	IVF, ARM birth chair VD	6 & 10	3.1K Cord entangled	Yes	3	Yes 5dy	no	Mild BA
29.	6 norm then 3 112-119	IVF LLT VD	8 & 10	2.9K Double cord entangle	No		No		
30.	5c 163-175 NR	IVF CS	6 & 7	Prolonged labour 42w + 6d At home in labour 2 d 3.1K Twins	Yes	3	Yes 6dy	no	BA
31.	1 st C normal then 117-119	VD	6 & 7	Mother exhausted 3kg	Yes	3	Yes 3dy	No	BA
32.	3c normal than 4 115-119	IVF LLT CS	5 & 7	Convulsion at clinic Eclampsia MgSO4	Yes	2	Yes 5dy	No	BA
33.	2c norm then 2 116 119	VD	5 & 7	Long at home Cord entangle 2.6K	Yes BM CC	2	Yes 5dy	No	BA
34.	7c norm then 1 119 Mec NR	IVF VD	7 & 10	Face 2.4K	No		Yes	No	
35.	2c norm then 2 118-119 8cm	IVF Birth chair 8cm VD	4 & 8	Breech 2,9	Yes	4	Yes 7dy	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
36.	On arrive 3c 113-117	IVF Birth chair VD	4 & 7	3kg	Yes	5	Yes 6dy	No	BA
37.	1 st C norm then 4 117-119	IVF LLT CS	4 & 8	Breech and previous CS x 1	Yes	3	Yes 8dy	No	MildBA
38.	On arrive 3c 116-119	IVF CS	3 & 7	Poor progress and breech 3.8K	Yes	2	Yes 10dy	No	BA
39.	Arrive 3 c 115-118	IVF LLT CS	5 & 8	Placenta praevia bleeding at home in labour Previous CS 3.1 K	Yes	4	Yes 5dy	No	MildBA
40.	Arrive 5 c 112-119	IVF D50 LLT CS materials needed	4 & 7	2.8K Long stay Konobo clinic far away	Yes	2	Yes 7dy	No	BA
41.	Arrive 3c 108-118	8cm ARM IVF D50 Birth chair VD	6 & 8	4kg	Yes	3	Yes 6dy	No	MildBA
42.	Arrive 4 116-119	IVF D50 + oxytocin birth chair VD	6 & 10	3.2	Yes	1	Yes	no	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
43.	Arrive 117-119	IVF LLT CS Cord prolapse	6 & 10	From Konobo 3.8K	Yes	3	Yes 12dy	No	MildBA
44.	3 con abnormal 116, 118, 119 VD	NS 500ml & D50% set up. patient placed over birthing chair. as already at 9cm dilated on arrival. VD	5 and 7		Yes	??	Yes for birth asphyxia	No	BA
45.	Arrive 3con 117-119	IVF Birth chair VD	6 & 10	Full dilated 3.5K	Yes	3	Yes 7dy	No	MildBA
46.	3 con 119, 117 and 116	VD	6 and 8		Yes	??	Yes for BA	No	Mild BA
47.	3c norm then 4 116-110	IVF D50 LLT CS Family materials needed	6 & 8	Post date Prolonged labour Arrest descent 3.4K	Yes	1	Yes 8dy	No	MildBA
48.	On arrive from home long stay 4c 116-119	Birth chair VD	6 & 8	2.9K	Yes	4	Yes	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
49.	On arrive 5c 117-119 Mec	Fully dil IVF D50 CS	6 & 8 <i>MUM bless you for saving my children because my first 2 children died after birth</i>	Breech twin 2.7K	Yes	3	Yes	No	MildBA
50.	2 norm c then 2 XX	IVF Birth chair +oxytocin VD	6 & 8	2.8K Double cord entangle	Yes	5	Yes	No	MildBA
51.	3 norm c then 4 117-119	IVF CS	6 & 8	3.8K	Yes	3	Yes	No	MildBA
52.	On arrive 4 c 108-118	IVF LLT CS	3 & 7	Obstructed labour Long stay 3kg	Yes	4	Yes	No	BA
53.	On arrive 5 103-119	IVF Birth chair +oxytocin VD	6 & 8	2kg	Yes	6	Yes	No	MildBA
54.	On arrive 3 at 117-119 8cm	IVF Birth chair VD	6 & 9	Breech 2.4K	Yes	3	Yes	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
55.	3 norm then 2 110-120	IVF CS	4 & 8	4kg Prol labour Macrosomia	Yes	2	Yes	No	MildBA
56.	4 norm c then 4 103-116	IVF LLT CS D50	5 & 7	Prol labour 3.7K	Yes	4	Yes	No	BA
57.	2 norm then 3 117-118 Long at home	IVF birth chair D50 VD	5 & 8	2.9K	Yes	5	Yes	No	MildBA
58.	2 c 165 and 176	IVF LLT D50 CS	2 & 10	3K	Yes	7	Yes	Yes; 4 min.	HIE
59.	2c norm then 3 116-119	IVF D50 VD	7 & 10	3.7K	Yes	2	Yes	No	MildBA
60.	Arrive fully 3 c 112-117	IVF birth chair D50 VD	3 & 7	2.8	Yes	1	Yes	No	BA
61.	3c 116-119 9cm	IVF birth chair D50 VD?	6 & 10	3k	Yes	3	Yes	No	MildBA
62.	4c 116-117 Long in clinic	IVF LLT CS material problem	5 & 8	3.7 Macrosomia	Yes	3	Yes	No	MildBA
63.	3c 116-118 from home	IVF birth chair D50 VD	6 & 10	Footling breech 2.8	Yes	1	Yes	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
64.	2c 117-119	IVF birth chair D50 ARM VD	5 & 8	2.2K	Yes	6	Yes	No	MildBA
65.	2 106-119	IVF birth chair VD	5 & 7	2.8k	Yes	7	Yes	No	BA
66.	2 norm then 3 100-119	IVF D50 CS	7 & 8	Face present 3.3Kg	No		No	No	
67.	3 norm then 3 117-119	IVF birth chair D50 ARM VD	5 & 8	Double cord entangled	Yes	3	Yes	No	MildBA
68.	2 norm then 2 109-112	IVF D50 CS Abruptio	5 & 8	Abruptio 2.2k	Yes	4	Yes	No	MildBA
69.	4c norm then 3 170-190	IVF LLT CS	8 & 10	Failed induction	No		Yes sepsis risk	No	
70.	On arrive 2 90-109	IVF D50 CS	8 & 10	2.4K	Yes	2	Yes sepsis risk	No	MildBA
71.	3c on arrive 104-109	IVF VD	6 & 10	3.2K	Yes	4	Yes	No	MildBA
72.	On admi XX then 119 then 3 normal ?NR	IVF D50 VD	7 & 10	3.6K	No		No	No	

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
73.	2 norm then 3 116-120	IVF CS	6 & 7	Prol labour 2 previous CS 2.1Kg	No		Yes risk sepsis	No	BA
74.	9 norm then 4 116-118	CS	5 & 8	Prol pregnancy Fail induction	Yes	40 sec	Yes	No	MildBA
75.	8 c 116-119 8cm	IVF D50 oxytocin then 3 normal then 1c 119 VD	6 & 7	3kg	Yes	1	Yes	No	BA
76.	4 c 117-119 Mec 9cm	VD	6 & 8	Breech 2.7K	Yes	3	Yes	No	MildBA
77.	19c norm then 3 110-120	IVF CS	3 & 8	Malposition and large fetus 3.1K	Yes	6 min	Yes	Yes	MildBA
78.	13 nom C then 9 abnormal (no figs) NVD	IVF LLT Push VD	3 & 8	2.7K	Yes	2mins to 5 mins	Yes	No	MildBA
79.	4 normal c then 5 117-121 then 2 normal	CS	5 & 10	Breech 3.4Kg	Yes	4 mins	Yes	No	MildBA
80.	On arrive from long time at home 9cm 3 105-119	IVF D50 LLT VD	3 & 7	3.1Kg	Yes	7 min	Yes	Yes	BA
81.	8cm On arrive 4 c at 107-117 and 186 Aged 16	IVF D50 VD	5 & 8	2.8K	Yes	6 min	Yes	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
82.	6c at 110-120	IVF LLT VD	5 & 7	3.6K	Yes	5	Yes	No	BA
83.	7 norm then 4 118-120 then 5 norm then 5 XX no figs	IVF LLT CS	5 & 8	Prolong obstruct labour	Yes	7 min	Yes	No	MildBA
84.	11 norm then 3 118-119	IVF LLT CS	4 & 9	Material delay Prolong labour 2.7K	Yes	5 min	Yes	No	MildBA
85.	3c at 118-120	CS	5 & 9	Fail to progress 3.1K	Yes	3 min	Yes	No	MildBA
86.	6c norm then 3 118-122 then 2 norm	IVF LLT VD	6 & 7	3.4k	Yes	5 min	Yes	No	BA
87.	5 con From 2 nd 120, 118, 119, 120	NS 500ml VD	4 and 8		Yes	3 min	Yes Sepsis risk	Yes	HIE
88.	Arrive 1c at 110 then 5c at 162-186	IVF CS	3 & 7	Prol Obstructed lab	Yes	3 min	Yes	No	BA
89.	On arrive 5c 163-188	CS	3 & 7	2.1 K	Yes	5 min	Yes	No	BA
90.	On arrive 3 c 106-110 Fully dil	IVF LLT VD D50 ARM	4 & 7	2.6K	Yes	5 min	Yes	No	BA
91.	On arrive 11c norm then *c XX	IVF LLT VD	4 & 8	3.2K	Yes	3 min	Yes	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
92.	On arrive from clinic 4c 108-119	CS	5 & 7	Abruption APH Severe bleeding	Yes	3 min	Yes	No	BA
93.	On arrive from clinic 4 c OK MEC Then 2c 118-120	Vacuum	6 & 10	3.3K	No		Yes ? sepsis	No	
94.	On arrive from home 5 c 106-119 9cm	IVF LLT VD D50	4 & 7	3k	Yes	5 min	Yes	No	BA
95.	On arrive Konobo 5c 111-119	IVF LLT D50 CS	6 & 10	Prol obstructed labour 2.7K	Yes	4	Yes	No	MildBA
96.	On arrive 2c 118-119 10cm	IVF LLT D50 CS	8 & 10	Prol labour Anaemia	No		No	No	
97.	9 normal then X at 118 MEC	IVF VD	4 & 7	3.9K	Yes	2 mins	Yes	No	BA
98.	2 normal then 4 108-119	IVF LLT D50 VD	6 & 10	3.8K	Yes	3 mins	Yes	No	MildBA
99.	On arrive 4 normal then 3c 109	LLT CS	6 & 10	Prolonged 2 nd stage Malposition 3.5K	Yes	2 min	Yes	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
100.	6 normal cc then 5 abnormal XX NR	CS	6 & 10		Yes	2 min	Yes	No	MildBA
101.	4 normal then 4 118-123 MEC	IVF birth chair VD	6 & 8	3.2K	No		Yes sepsis	No	
102.	9 normal then 2 116-118	IVF VD	6 & 8	3.2K	Yes	3	Yes	No	MildBA
103.	4 normal then 4 116-120	CS	6 & 8	APH Abruption bleeding 2.8Kg	Yes	4	Yes	No	MildBA
104.	Mec 10c normal then 6c 118-120	IVF VD	6 & 10	3.1Kg	Yes	3	Yes	No	MildBA
105.	On arrive 4 c 104-109	IVF + oxytocin birth chair LLT VD	4 & 7	3.2Kg	Yes	4	Yes	Yes	BA
106.	11 normal c then 11 167-190	IVF LLT CS	6 & 8	3 previous CS 3.8Kg	Yes	4	Yes	No	MildBA
107.	4 normal c then 4 116-121 then 5 normal then 3 118-121	IVF Push VD	4 & 7	2.9Kg	Yes		Yes	No	BA
108.	Arrive 4c 108-119 Aged 17	IVF LLT D50 VD	6 & 8	3.1Kg	Yes	1	Yes	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
109.	Fully Dil 18 c normal then from 19 120, 119 and 118 Aged 17	Push VD	6 & 8	3.1 Kg	No		Yes	No	
110.	22c from 18c 108,110, 119, 118 Mec Fully dilate	IVF LLT VD	5 & 8	3.4Kg	No		Yes Mild BA	No	
111.	22c From 15c 120,118, 119, 118, 116, 120 MEC Fully Dil	IVF Fully push VD	5 & 7	2.8Kg	No		Yes	No	BA
112.	20c from 11 th 170, 172, 165, 178, 173, 170, 170, 171, 163 MEC ?S	IVF, LLT CS	5 & 7	3.4Kg	Yes BM CC	3	Yes	No	BA
113.	18 c From 11c 120,119,118,120	IVF CS?	9 & 10	2.7Kg	No		Yes	No	
114.	17c from 13c 121,120, 119, 118	CS	6 & 8	3.3Kg Patient unconscious Eclampsia	Yes BM	2	Yes Mild BA	No	MildBA
115.	7c From 1 st 177, 176, 162, 160	LLT IVF CS	8 & 10	Prolonged 2 nd stage 2.6Kg	No		No	No	
116.	6c from 4 th 107, 100, 101	LLT, IVF, CS	4 & 7	Twins 2.4Kg	Yes BM, drugs	6 mins	Yes	Yes	BA
117.	22c at 18 115, 119, 111, 109, 113	IVF Vacuum	3 & 7	3.7Kg	Yes BM	8 min	Yes	Yes	BA
118.	From 1c 100, 106, 107	LLT IVF VD	5 & 8	3.4K	Yes BM	4 min	Yes	No	MildBA
119.	11c From 8 108, 109, 112, 116	CS	5 & 8	Previous CS 3.4Kg	Yes BM	2min	Yes mild BA	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
120.	22c from 17 th 117,118, 109, 110, 115, 112	IVF VD	4 & 8	3.6Kg	Yes BM	5	Yes Mild BA	No	MildBA
121.	3c 109,107,106 8cm	From Home IVF, D50 CS	5 & 8	Previous CS 3.7K Prolonged pregnancy	Yes	3	Yes	No	MildBA
122.	5c 118, 119, 116, 119, 118	VD	5 & 8	2.9Kg	Yes BM CC	2	Yes	No	MildBA
123.	3c 106, 112	LLT IVF, D50 CS	4 & 9	Prolonged labour at home 3.5Kg	Yes BM	3 mins	Yes	No	MildBA
124.	5c from 3 rd c 119, 118, 117 Fully dilated fetus visible Aged 17	IVF, D50 VD	6 & 8	2.6Kg	Yes BM	10min	Yes	No	MildBA
125.	8cm 4c 107,111,111,110	IVF, D50 ARM VD	7 & 10	3.2Kg	Yes BM	3 min	Yes Mild BA	No	MildBA
126.	6c from 5 c 116, 107	VD	6 & 8	3.8Kg	Yes BM CC	10 min	Yes	No	MildBA
127.	9cm 4c 100,101,102	IVF, D50, LLT VD	4 & 9		Yes BM	3 min	Yes	Yes	MildBA
128.	22c From 16c 109,112,108,115,120	IVF Push VD	6 & 8	2.9Kg	No		No	No	
129.	22c from 7 th c 118,119,116,107, 105, 119, 120x3, then from 20c 119,116,121	CS	6 & 8	Obstructed labour 2.8Kg	Yes	2min	Yes O2	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
130.	10cm 4c from onset 114, 109, 115, 117	IVF D50 VD	5 & 7	2.3Kg	Yes	2min	Yes BA	No	BA
131.	22c from 19c 118,119,119,116	IVF Push VD	5 & 7	3.1K	No		Yes	No	BA
132.	17c from 15 118,119,109	CS	5 & 7	3.7Kg	Yes BM	4 min	Yes Mild BA	No	BA
133.	7c from 5 th 100, 101, 102	LLT, IV, D50 CS	6 & 8	3kg	Yes BM + drugs	4 min	Yes	No	MildBA
134.	11c from 9 th 116,117,115	VD	4 & 8	3Kg	Yes BM CC	6 min	Yes	No	MildBA
135.	6c from 4 th 119,117	IVF, D50, LLT VD	6 & 8	3.8K	Yes BM CC	4 min	Yes	No	MildBA
136.	3c from 1 st 109,108 Aged 30	IVF, D50, VD	4 & 7	3.3kg	Yes BM	2 min	Yes	No	BA
137.	17c from 8 th 109,105, 107, 117, 115, 113, 118, 118, 119, 119	IVF, O2, LLT, push VD	3 & 7	2.8Kg	Yes BM drugs	5 min	Yes	No	BA
138.	22c From 20 c 118,1881, 108	VD	6 & 8	3.2 Kg	Yes BM	5 min	Yes mild BA	No	MildBA
139.	4c From 1 st 111,102, 105, 109	IVF, D50 ARM VD	6 & 8	2.6K	Yes BM	4 min	Yes		MildBA
140.	9cm 4 c 106,108,108,109	IVF, D50 VD	5 & 8	2.3K	Yes BM	3 min	Yes	No	MildBA
141.	Fully dil. 4 c 106,107,109,107	IVF, D50 VD	6 & 10	3.9Kg	Yes BM	5 min	Yes	No	MildBA
142.	Fully 4c 100,107,116,118	IVF, D50 VD	5 & 7	2.7K	Yes BM	5min	Yes	No	BA
143.	15c 12 th 4c XXXX	IVF Push Oxytocin VD	6 & 8	3.8K	None		Yes mild BA	No	

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
144.	7c From 5 th 108,106, 119	IVF, D50 VD	6 & 8	2.4K	Yes BM	1 min	Yes	No	MildBA
145.	22c from 19 164, 168, 169,174	IVF Push VD	7 & 10	2.8K	No		Yes Mild BA	No	
146.	22c from 19-22 No figs	IVF LLT VD	3 & 7	2.6K	Yes BM Drugs	12 min	Yes	No	BA
147.	4c no details	LLT D50 CS	???	No	Unrecorded		Yes for mother to gain conscious	No	NR
148.	17c from 14 th C 118,114,108	IVF Push VD	7 & 8	2.9K Unconscious due to Eclampsia	No		Yes sepsis	No	MildBA
149.	11c from 9 th 119,109,106	IVF Oxytocin Push VD	7 & 10	3kg	No		Yes sepsis	No	
150.	11c from 9 108,106,103	IVF Oxytocin VD	7 & 10	3.1Kg	No		Yes	No	
151.	16c from 8 th 116,115,111,109, 118,117,109,110, 109	IVF Push VD	6 & 8	2.3K	Yes	7 min	Yes	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
152.	17c from 14 118, 109, 110, 108	IVF Oxytocin VD	5 & 10	3.6K	No		Yes	No	
153.	20c from 16 199,189,165,165,188	IVF Oxytocin Push VD	6 & 8	3.2K	No		No	No	
154.	7c 4 th 110,117,119,118	IVF D50, LLT VD	6 & 10	3kg	Yes BM, CC	6 min	Yes	No	MildBA
155.	22c From 15c 115,109,106,111,117,113, 109,105	IVF VD	5 & 8	2.9K	Yes BM CC	2min	Yes	No	MildBA
156.	11c from 5c 109,110,107, 110	IVF D50, LLT CS	6 & 10	Prolong labour Breech 1.9Kg	Yes BM	3min	Yes	No	MildBA
157.	20c from 16 100,100,105,108,110	IVF Push VD	2 & 7	2.9K	Yes BM CC	3 min	Yes	No	BA
158.	20c from 14c 170,171, 165, 169 then 5 normal 1S	IVF CS for CPD	8 & 9	CPD 3.6K	No		No	No	
159.	10c From 5 119, 109, 117, 115, 118	IVF D50, LLT CS	3 & 7	2.7K CPD	Yes BM	5 min	Yes BA	No	BA
160.	11c From 9c 109,106,110	CS	6 & 10	4.1K Previous CS	Yes BM	2min	Yes sepsis	No	MildBA
161.	5c from first 101,90,110 MEC	VD	5 & 9	2.5K	No		No	No	
162.	8c From 6 c 102,107,110 MEC	VD	5 & 8	3.7K	Yes BM CC	2 min	Yes	No	MildBA

Number	FHR abnormal If YES describe	ACTIONS	Apgar 1 & 5 min	Any obstetric disorder. Yes/No If yes describe	Neonatal resus? Yes/No If Yes what used?	How long in minutes neo resus?	NICU admit Yes/No How long?	Seizu res in NICU	Type of BA
163.	3c 120,120,100	IVF Push Fully dilated VD	5 & 8	3.9K	Yes BM CC	5 min	Yes	No	MildBA
164.	12c 11 th 105,100 1S	IVF, LLT CS	3 & 7	Obstructed labour 2.8Kg	Yes BM CC	15	Yes	Yes	HIE

Comments n =164

HIE =3. BA = 45, Mild BA= 92, 1 =NR

VD=98, CS=64, Vacuum 2

11 breech

Resuscitation at birth: 136 +1 NR: 9=6min, 5=7 min, 1=8min, 2=10min, 1=15min and 118 = 5min or less.

7 delays resulting from stock-out of drugs and supplies (1 OBC provided all materials for CS). Numbers 7, 11, 26, 40, 47, 62, 84

1 mother aged 12 years, 1 mother aged 14, 12 mothers aged 15 and 36 mothers aged 16 years.

1 retained second twin from clinic

6 long time and distance from hospital 6

Eclampsia 3

Cord tangles 4

Exhausted 1

Praevia 1

Meconium 18

Obstructed labour 4

Abruption 3

Apgar = 10 = 41 + 1NR