

Women at Martha Tubman Memorial Hospital with changes in FHR and Apgar >6 at 5 minutes. n= 164

Patient Number	Maternal Age yr	Apgar scores at 1 and 5 minutes	CHANGES IN FHR	ACTIONS and mode of delivery	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?	Seizures in NICU	Type of BA
66	42	6 & 10	22c no changes then 102bpm on 12-13 c	CS	2.8Kg	Yes	5	Yes	no	Mild BA
78	20	8 & 10	16 c no changes then 106,110 108	IVF 3.8K CS	Footling breech	No	No	3	no	No BA
122	30	6 & 10	8c no changes then 2 at 110 100	VD	Meconium	Yes due to meconium	3	Yes	no	MildBA
123	38	5 & 8	3c no changes then 1 at 108	VD	2.6K	Yes	6	Yes	no	MildBA
124	17	9.&10	5c no changes then 116 and 116	IVF D50 VD	2.9Kg	None		None		No BA
125	16	5 & 8	4c at 7cm dilated 119 Aged 16	IVF D50 VD	2.6K	Yes	4	Yes	no	MildBA
126	50	4 & 7	9c all abnormal 110, 111, 115bpm	CS age (50) and gravida G13 P11 OBC provided all materials for surgery DELAY	Prolonged labour 4Kg Long distance from clinic to hospital Meconium	Yes		Yes due to meconium	No	BA
127	28	7&10	4 c no changes but contacted MW as worried	CS fetal distress	3.3k	Yes	4	Yes	no	Mild BA
180	16	2 & 7	2 no changes then 8 at 84-102bpm	IVF D50 LLT CS		Yes Bag Mask Oxygen	NR	Yes	No	BA
182	17	6 & 8	On arrival 110-115	IVF D50 LLT Birth chair VD	2.7kg Meconium	Yes	4	Yes	no	Mild BA
213	17	6 & 9	7c no changes then 2c 176, 171	VD whilst CS awaited Relatives getting materials. DELAY	2.5K Meconium Breech	Yes	3	Yes	no	MildBA
243	NR	3 & 8	5c no changes then 6 X	IVF D50 CS	Meconium Retained 2 nd twin at clinic	Yes	5	Yes	no	MildBA
282	18	5 & 7	On arrival from clinic where stayed	IVF D50 LLT VD	2.8K	Yes	4	Yes	NO	BA

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			long time abnormal 114 and 119 bpm							
284	16	5 & 8	5c no changes then 3 112-119	CS	3kg EclampsiaMgSO4	Yes	5	Yes	no	MildBA
285	43	6 & 10	4c no changes then 3 117-119	IVF D50 LLT birth chair VD	4kg	Yes	2	Yes	no	Mild BA
286	23	5 & 8	5c no changes then 9 115-119	IVF D50 LLT CS		Yes	4	Yes	no	MildBA
287	20	6 & 8	3c no changes then 2 116-119	IVF D50 VD	2.5K	Yes	2	Yes	no	MildBA
289	29	5 & 8	On arrive 116-119	VD	3K 8cm dilated	Yes	2	Yes	no	MildBA
321	21	5 & 7	On arrive 114-119	IVF D50 birth chair VD	2.7K	Yes	6	Yes	no	BA
322	23	7 & 10	On arrive 117-119 then 121-128	IVF D50 VD	2.7K	Yes	4	Yes	no	Mild BA
323	20	6 & 8	On arrive 117-120	IVF D50 birth chair VD	3kg Meconium	Yes	4	Yes	no	MildBA
325	26	5 & 7	4c no changes then 115-119	IVF D50 LLT CS	Obstructed labour	Yes	5	Yes	no	BA
327	33	6 & 8	2 c no changes then 4c 116-119	IVF LLT CS	Breech 4Kg	Yes	3	Yes	no	MildBA
346	38	6 & 10	On arrive 3c no changes then 119-118	Birth chair VD	Fully dilated 3.8Kg	Yes	3	Yes	no	Mild BA
347	17	6 & 8	113-191	CS	3kg Mother malaria	Yes	3	Yes 6	no	MildBA
348	20	6 & 7	2c no changes then 116-118	IVF LLT CS supplies needed before could be undertaken DELAY	3.1K Long labour in clinic	Yes	2	Yes 6	no	BA
359	36	5 & 7	2c no changes then 4 117-119	IVF VD	2.9K	Yes	4	Yes 7	no	BA

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394	26	6 & 10	13c no changes then 1c at 118 at 8cm dilated	IVF, ARM birth chair VD	3.1K Cord entangled	Yes	3	Yes 5	no	Mild BA
395	27	8 & 10	6c no changes then 3c 112-119	IVF LLT VD	2.9K Double cord entangled	No		No		No BA
402	37	6 & 7	5c abnormal 163-175	IVF CS	Prolonged labour 42w + 6d At home in labour 2 d 3.1K Twins	Yes	3	Yes 6	no	BA
432	20	6 & 7	1 st C no changes then 117-119	VD	Mother exhausted 3kg	Yes	3	Yes 3dy	No	BA
436	17	5 & 7	3c no changes then 4 115-119	IVF LLT CS	Convulsion at clinic Eclampsia MgSO4	Yes	2	Yes 5dy	No	BA
481	23	5 & 7	2c no changes then 2 116 119	VD	Long time at home Cord entangle 2.6K	Yes BM CC	2	Yes 5dy	No	BA
487	21	7 & 10	7c no changes then 1 119	IVF VD	Meconium 2nd twin Face presentation 2.4K	No		Yes	No	No BA
489	21	4 & 8	2c no changes then 2 118-119 8cm	IVF Birth chair 8cm VD	Breech 2.9Kg	Yes	4	Yes 7dy	No	MildBA
490	21	4 & 7	On arrive 3c 113-117	IVF Birth chair VD	3kg	Yes	5	Yes 6dy	No	BA
491	20	4 & 8	1 st C no change then 4 117-119	IVF LLT CS	Breech and previous CS x 1	Yes	3	Yes 8dy	No	MildBA
528	22	3 & 7	On arrival 3c 116-119	IVF CS	Poor progress and breech 3.8K	Yes	2	Yes 10dy	No	BA
529	27	5 & 8	Arrive 3c 115-118	IVF LLT CS	Placenta praevia bleeding at home in labour Previous CS 3.1 K	Yes	4	Yes 5dy	No	MildBA
530	20	4 & 7	Arrive 5 c 112-119	IVF D50 LLT CS materials needed with delay	2.8K Long stay Konobo clinic far away	Yes	2	Yes 7dy	No	BA
531	19	6 & 8	Arrive 3c 108-118	8cm ARM IVF D50 Birth chair VD	4kg	Yes	3	Yes 6dy	No	MildBA

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532	22	6 & 10	Arrive 4 116-119	IVF D50 + oxytocin birth chair VD	3.2Kg	Yes	1	Yes	no	MildBA
533	35	6 & 10	Arrive 117-119	IVF LLT CS	From Konobo Cord prolapse 3.8K	Yes	3	Yes 12dy	No	MildBA
535	32	5 and 7	3 c abnormal 116, 118, 119	NS 500ml & D50% set up. patience placed over the birthing chair. VD	Already at 9cm dilated on arrival.	Yes	??	Yes for birth asphyxia	No	BA
538	36	6 & 10	Arrive 3c abnormal 117-119	IVF Birth chair VD	Fully dilated 3.5K	Yes	3	Yes 7dy	No	MildBA
539	27	6 and 8	3 c abnormal 119, 117 and 116	VD		Yes	??	Yes for BA	No	Mild BA
540	36	6 & 8	3c no changes then 4 116-110	IVF D50 LLT CS Family materials needed delay	Post-date Prolonged labour Arrest descent 3.4K	Yes	1	Yes 8dy	No	MildBA
541	20	6 & 8	On arrive from home long stay 4c 116-119	Birth chair VD	2.9K	Yes	4	Yes	No	MildBA
586	37	6 & 8	On arrive 5c 117-119 <i>MUM bless you for saving my children because my first 2 children died after birth</i>	Fully dil IVF D50 CS	Meconium Breech 2nd twin 2.7K	Yes	3	Yes	No	MildBA
587	22	6 & 8	2c no changes then 2 XX	IVF Birth chair +oxytocin VD	2.8K Double cord entangle	Yes	5	Yes	No	MildBA
588	30	6 & 8	3c no changes then 4 117-119	IVF CS	3.8K	Yes	3	Yes	No	MildBA
589	30	3 & 7	On arrive 4c abnormal 108-118	IVF LLT CS	Obstructed labour Long stay 3kg	Yes	4	Yes	No	BA
590	19	6 & 8	On arrive 5c abnormal 103-119	IVF Birth chair +oxytocin VD	2kg	Yes	6	Yes	No	MildBA

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592	20	6 & 9	On arrive 3c abnormal at 117-119 at 8cm	IVF Birth chair VD	Breech 2.4K	Yes	3	Yes	No	MildBA
594	25	4 & 8	3 no changes then 2 110-120	IVF CS	4kg Prolonged labour Macrosomia	Yes	2	Yes	No	MildBA
605	35	5 & 7	4c no changes then 4 103-116	IVF LLT CS D50	Prolonged labour 3.7K	Yes	4	Yes	No	BA
607	36	5 & 8	2c no changes then 3 117-118	IVF birth chair D50 VD	2.9K Long at home	Yes	5	Yes	No	MildBA
608	36	2 & 10	2c on arrival abnormal 165 and 176	IVF LLT D50 CS	3K	Yes	7	Yes	Yes; 4 min.	HIE
611	33	7 & 10	2c no changes then 3 116-119	IVF D50 VD	3.7K	Yes	2	Yes	No	MildBA
612	21	3 & 7	Arrive fully dilated 3 c abnormal 112-117	IVF birth chair D50 VD	2.8Kg	Yes	1	Yes	No	BA
613	27	6 & 10	3c on arrival abnormal 116-119	IVF birth chair D50 VD	3k 9cm dilated	Yes	3	Yes	No	MildBA
615	23	5 & 8	4c on arrival abnormal 116-117	IVF LLT CS material problem and delay	3.7Kg Long in clinic Macrosomia	Yes	3	Yes	No	MildBA
616	33	6 & 10	3c on arrival abnormal 116-118 from home	IVF birth chair D50 VD	Footling breech 2.8Kg	Yes	1	Yes	No	MildBA
631	19	5 & 8	2c on arrival abnormal 117-119	IVF birth chair D50 ARM VD	2.2K	Yes	6	Yes	No	MildBA
641	NR	5 & 7	2 on arrival abnormal 106-119	IVF birth chair VD	2.8k	Yes	7	Yes	No	BA
643	21	7 & 8	2 no changes then 3 100-119	IVF D50 CS	Face presentation 3.3Kg	No		No	No	No BA
644	29	5 & 8	3 no changes then 3 117-119	IVF birth chair D50 ARM VD	Double cord entangled	Yes	3	Yes	No	MildBA
647	17	5 & 8	2 no changes then 2 109-112	IVF D50 CS	Abruption 2.2k	Yes	4	Yes	No	MildBA

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668	26	8 & 10	4c no changes then 3 170-190	IVF LLT CS	Failed induction	No		Yes sepsis risk	No	No BA
680	25	8 & 10	2c on arrival abnormal 90-109	IVF D50 CS	2.4K	Yes	2	Yes sepsis risk	No	MildBA
691	20	6 & 10	3c on arrival abnormal 104-109	IVF VD	3.2K	Yes	4	Yes	No	MildBA
723	32	7 & 10	On arrive XX then 119 then 3 normal contractions	IVF D50 VD	3.6K	No		No	No	NO BA
745	37	6 & 7	2 no changes then 3 116-120	IVF CS	Prolonged labour 2 previous CS 2.1Kg	No		Yes risk sepsis	No	BA
747	23	5 & 8	9 no changes then 4 116-118	CS	Prolonged pregnancy Fail induction	Yes	40 sec	Yes	No	MildBA
763	32	6 & 7	8 c on arrival abnormal 116-119 then 3 normal then	IVF D50 oxytocin VD	3kg 8cm dilated	Yes	1	Yes	No	BA
765	19	6 & 8	4 c on arrival abnormal 117-119	VD	Meconium 9cm Breech 2.7K	Yes	3	Yes	No	MildBA
885	36	3 & 8	19c no changes then 3c at 110-120	IVF CS	Malposition ?? and large fetus 3.1K	Yes	6 min	Yes	Yes	MildBA
886	26	3 & 8	13c no changes then 9 abnormal (no figs)	IVF LLT Push VD	2.7K	Yes	2mins to 5 mins	Yes	No	MildBA
887	18	5 & 10	4c no changes then 5 117-121 then 2 normal	CS	Breech 3.4Kg	Yes	4 mins	Yes	No	MildBA
888	25	3 & 7	On arrive from long time at home 9cm 3c abnormal 105-119	IVF D50 LLT VD	3.1Kg Long time at home	Yes	7 min	Yes	Yes	BA
892	16y	5 & 8	8cm on arrive 4c abnormal at 107-117 and 186	IVF D50 VD	2.8K	Yes	6 min	Yes	No	MildBA
893	19	5 & 7	6c on arrival abnormal at 110-120	IVF LLT VD	3.6K	Yes	5	Yes	No	BA

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965	19	5 & 8	7c no changes then 4 118-120 then 5 norm then 5 XX no figs	IVF LLT CS	Prolonged obstructed labour	Yes	7 min	Yes	No	MildBA
969	15	4 & 9	11c no changes then 3c 118-119	IVF LLT CS	Material delay Prolong labour 2.7K	Yes	5 min	Yes	No	MildBA
974	NR	5 & 9	3c on arrival at 118-120	CS	Fail to progress 3.1K	Yes	3 min	Yes	No	MildBA
975	22	6 & 7	6c no changes then 3 118-122 then 2 normal	IVF LLT VD	3.4k	Yes	5 min	Yes	No	BA
1033	20	4 and 8	1c no changes then from 2 nd contraction 120, 118, 119, 120	NS 500ml VD		Yes	3 min	Yes Sepsis risk	Yes	HIE
1034	19	3 & 7	On arrival 1c at 110 then 5c at 162-186	IVF CS	Prolonged Obstructed labour	Yes	3 min	Yes	No	BA
1035	35	3 & 7	On arrival 5c abnormal 163-188	CS	2.1 K	Yes	5 min	Yes	No	BA
1036	18	4 & 7	On arrival 3c abnormal 106-110	IVF D50 ARMLLT VD	2.6K Fully dilated	Yes	5 min	Yes	No	BA
1037	21	4 & 8	On arrival 11c no changes then *c XX	IVF LLT VD	3.2K	Yes	3 min	Yes	No	MildBA
1038	36	5 & 7	On arrival from clinic 4c 108-119	CS	Abruption APH Severe bleeding	Yes	3 min	Yes	No	BA
1040	19	6 & 10	On arrival from clinic 4 c no changes Then 2c 118-120	Vacuum	3.3K Meconium	No		Yes ? sepsis	No	NO BA
1041	21	4 & 7	On arrive from home 5c abnormal 106-119 9cm	IVF LLT D50 VD	3k	Yes	5 min	Yes	No	BA
1043	37	6 & 10	On arrival from Konobo far away clinic	IVF LLT D50 CS	Prolonged obstructed labour 2.7K	Yes	4	Yes	No	MildBA

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			5c abnormal 111-119							
1045	19	8 & 10	On arrival 2c 118-119	IVF LLT D50 CS	Prolonged labour Anaemia 10cm dilated	No		No	No	NO BA
1046	32	4 & 7	9 no changes then X at 118	IVF VD	3.9K Meconium	Yes	2 mins	Yes	No	BA
1047	24	6 & 10	2c no changes then 4c 108-119	IVF LLT D50 VD	3.8K	Yes	3 mins	Yes	No	MildBA
1125	31	6 & 10	On arrival 4c no changes then 3c 109	LLT CS	Prolonged 2 nd stage Malposition? 3.5K	Yes	2 min	Yes	No	MildBA
1127	22	6 & 10	6c no changes then 5c abnormal XX	CS		Yes	2 min	Yes	No	MildBA
1130	25	6 & 8	4c no changes then 4c 118-123	IVF birth chair VD	3.2K Meconium	No		Yes sepsis	No	NO BA
1131	21	6 & 8	9c no changes then 2c 116-118	IVF VD	3.2K	Yes	3	Yes	No	MildBA
1132	19	6 & 8	4c no changes then 4c 116-120	CS	APH Abruption bleeding 2.8Kg	Yes	4	Yes	No	MildBA
1133	NR	6 & 10	10c no changes then 6c 118-120	IVF VD	3.1Kg Meconium	Yes	3	Yes	No	MildBA
1134	18	4 & 7	On arrival 4c abnormal 104-109	IVF + oxytocin birth chair LLT VD	3.2Kg	Yes	4	Yes	Yes	BA
1191	38	6 & 8	11c no changes then 167-190	IVF LLT CS	3 previous CS 3.8Kg	Yes	4	Yes	No	MildBA
1192	34	4 & 7	4c no changes then 4c 116-121 then 5c normal then 3c 118-121	IVF Push VD	2.9Kg	Yes		Yes	No	BA
1195	17y	6 & 8	On arrival 4c abnormal 108-119	IVF LLT D50 VD	3.1Kg	Yes	1	Yes	No	MildBA
1235	17y	6 & 8	18 c no changes then from 19c 120, 119 and 118 bpm	Push VD	3.1 Kg Fully dilated	No		Yes	No	No BA

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1236	16y	5 & 8	18c no changes then from 18c 108,110, 119, 118	IVF LLT VD	3.4Kg Meconium Fully dilated	No		Yes Mild BA	No	No BA
1237	19	5 & 7	14c no changes then 15c 120,118, 119, 118, 116, 120	IVF Fully push VD	2.8Kg Meconium Fully Dilated	No		Yes	No	BA
1238	18	5 & 7	10c no changes then from 11c 170, 172, 165, 178, 173, 170, 170, 171, 163	IVF, LLT CS	3.4Kg Meconium	Yes BM CC	3	Yes	No	BA
1241	23	9 & 10	10 c no changes then From 11c 120,119,118,120	IVF CS?	2.7Kg	No		Yes	No	No BA
1242	29	6 & 8	12c no changes then from 13c 121,120, 119, 118 bpm	CS	3.3Kg Patient unconscious Eclampsia	Yes BM	2	Yes Mild BA	No	MildBA
1274	22	8 & 10	7c all abnormal 177, 176, 162, 160	LLT IVF CS	Prolonged 2 nd stage 2.6Kg	No		No	No	No BA
1295	20	4 & 7	3c no changes then from 4 th contraction 107, 100, 101	LLT, IVF, CS	Twins 2.4Kg	Yes BM, drugs	6 mins	Yes	Yes	BA
1298	42	3 & 7	17c no changes then at 18c 115, 119, 111, 109, 113	IVF Vacuum	3.7Kg	Yes BM	8 min	Yes	Yes	BA
1299	16	5 & 8	From 1c abnormal 100, 106, 107	LLT IVF VD	3.4K	Yes BM	4 min	Yes	No	MildBA
1300	29	5 & 8	7c no changes then from 8c 108, 109, 112, 116	CS	Previous CS 3.4Kg	Yes BM	2min	Yes mild BA	No	MildBA
1302	31	4 & 8	16c no changes then from 17c	IVF VD	3.6Kg	Yes BM	5	Yes Mild BA	No	MildBA

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			117,118, 109, 110, 115, 112							
1307	24	5 & 8	3c all abnormal 109,107,106 8cm	From Home IVF, D50 CS	Previous CS 3.7K Prolonged pregnancy	Yes	3	Yes	No	MildBA
1308	NR	5 & 8	5c all abnormal 118, 119, 116, 119, 118	VD	2.9Kg	Yes BM CC	2	Yes	No	MildBA
1309	36	4 & 9	3c all abnormal at 106, 112	LLT IVF, D50 CS	Prolonged labour at home 3.5Kg	Yes BM	3 mins	Yes	No	MildBA
1310	17y	6 & 8	2c no changes then from 3 rd c 119, 118, 117	IVF, D50 VD	2.6Kg Fully dilated fetus visible	Yes BM	10min	Yes	No	MildBA
1311	22	7 & 10	4c all abnormal 107,111,111,110	IVF, D50 ARM VD	3.2Kg 8cm dilated	Yes BM	3 min	Yes Mild BA	No	MildBA
1313	28	6 & 8	4c normal then from 5c 116, 107	VD	3.8Kg	Yes BM CC	10 min	Yes	No	MildBA
1314	23	4 & 9	5c no changes then 4c abnormal 100,101,102	IVF, D50, LLT VD		Yes BM	3 min	Yes	Yes	MildBA
1319	33	6 & 8	15c no changes then from 16c 109,112,108,115,120	IVF Push VD	2.9Kg	No		No	No	No BA
1334	25	6 & 8	6c no changes then from 7 th c 118,119,116,107, 105, 119, 120x3, then from 20c 119,116,121	CS	Obstructed labour 2.8Kg	Yes	2min	Yes O2	No	MildBA
1338	26	5 & 7	4c abnormal from onset 114, 109, 115, 117	IVF D50 VD	2.3Kg Fully dilated	Yes	2min	Yes BA	No	BA
1348	19	5 & 7	18c no changes then from 19c 118,119,119,116	IVF Push VD	3.1K	No		Yes	No	BA

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1356	29	5 & 7	14c no changes then from 15c 118,119,109	CS	3.7Kg	Yes BM	4 min	Yes Mild BA	No	BA
1359	23	6 & 8	4c no changes then from 5 th 100, 101, 102	LLT, IV, D50 CS	3kg	Yes BM + drugs	4 min	Yes	No	MildBA
1364	37	4 & 8	8c no changes then from 9 th 116,117,115	VD	3Kg	Yes BM CC	6 min	Yes	No	MildBA
1365	18	6 & 8	2c no changes then from 4 th 119,117	IVF, D50, LLT VD	3.8K	Yes BM CC	4 min	Yes	No	MildBA
1380	36	4 & 7	3c all abnormal 109,108	IVF, D50, VD	3.3kg	Yes BM	2 min	Yes	No	BA
1384	18	3 & 7	7c no changes then from 8 th 109,105, 107, 117, 115, 113, 118, 118, 119, 119	IVF, O2, LLT, push VD	2.8Kg	Yes BM drugs	5 min	Yes	No	BA
1385	19	6 & 8	19 c no changes then from 20 c 118,1881, 108	VD	3.2 Kg	Yes BM	5 min	Yes mild BA	No	MildBA
1386	36	6 & 8	4c all abnormal 111,102, 105, 109	IVF, D50 ARM VD	2.6K	Yes BM	4 min	Yes		MildBA
1387	20	5 & 8	5c no changes then 4c 106,108,108,109	IVF, D50 VD	2.3K	Yes BM	3 min	Yes	No	MildBA
1388	33	6 & 10	4c all abnormal 106,107,109,107	IVF, D50 VD	3.9Kg Fully dilated	Yes BM	5 min	Yes	No	MildBA
1389	19	5 & 7	4c all abnormal 100,107,116,118	IVF, D50 VD	2.7K Fully dilated	Yes BM	5min	Yes	No	BA
1390	33	6 & 8	11c no changes then 12 th 4c XXXX	IVF Push Oxytocin VD	3.8K	None		Yes mild BA	No	No BA

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1391	25	6 & 8	4c no changes then From 5 th 108,106, 119	IVF, D50 VD	2.4K	Yes BM	1 min	Yes	No	MildBA
1393	17	7 & 10	18c no changes then from 19c 164, 168, 169,174	IVF Push VD	2.8K	No		Yes Mild BA	No	NO BA
1394	18	3 & 7	18c no changes then from 19-22c XXX	IVF LLT VD	2.6K	Yes BM Drugs	12 min	Yes	No	BA
1395	18	???	4c no details	LLT D50 CS	No	Unknown??		Yes for mother to recover consciousness	No	NR
1420	20	7 & 8	13c no changes then from 14 th C 118,114,108	IVF Push VD	2.9K Unconscious due to Eclampsia	No		Yes sepsis	No	NO BA
1421	20	7 & 10	8c no changes then from 9 th 119,109,106	IVF Oxytocin Push VD	3kg	No		Yes sepsis	No	NO BA
1423	20	7 & 10	8c no changes then from 9 108,106,103	IVF Oxytocin VD	3.1Kg	No		Yes	No	No BA
1429	18	6 & 8	7c no changes then from 8 th 116,115,111,109, 118,117,109,110, 109	IVF Push VD	2.3K	Yes	7 min	Yes	No	MildBA
1431	22	5 & 10	13c no changes then from 14c 118, 109, 110, 108	IVF Oxytocin VD	3.6K	No		Yes	No	No BA
1436	19	6 & 8	15c no changes then from 16c 199,189,165,165,188	IVF Oxytocin Push VD	3.2K	No		No	No	No BA

Patient Number	Maternal Age yr	Apgar scores at 1 and 5 minutes	CHANGES IN FHR	ACTIONS and mode of delivery	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?	Seizures in NICU	Type of BA
1443	NR	6 & 10	3c no changes then from 4 th 110,117,119,118	IVF D50, LLT VD	3kg	Yes BM, CC	6 min	Yes	No	MildBA
1449	NR	5 & 8	14c no changes then from 15c 115,109,106,111,117,113, 109,105	IVF VD	2.9K	Yes BM CC	2min	Yes	No	MildBA
1454	36	6 & 10	4c no changes then from 5c 109,110,107, 110	IVF D50, LLT CS	Prolonged labour Breech 1.9Kg	Yes BM	3min	Yes	No	MildBA
1471	20	2 & 7	15c no changes then from 16c 100,100,105,108,110	IVF Push VD	2.9K	Yes BM CC	3 min	Yes	No	BA
1472	19	8 & 9	13c no changes then from 14c 170,171, 165, 169 then 5 normal	IVF CS for CPD	CPD 3.6K	No		No	No	No BA
1474	23	3 & 7	5c no changes then From 5c 119, 109, 117, 115, 118	IVF D50, LLT CS	2.7K CPD	Yes BM	5 min	Yes BA	No	BA
1485	37	6 & 10	2c no changes then from 9c 109,106,110	CS	4.1K Previous CS	Yes BM	2min	Yes sepsis	No	MildBA
1511	17	5 & 9	5c abnormal from first 101,90,110	VD	2.5K Meconium	No		No	No	No BA
1533	20	5 & 8	2c no changes then From 6 c 102,107,110	VD	3.7K Meconium	Yes BM CC	2 min	Yes	No	MildBA
1566	34	5 & 8	3c all abnormal 120,120,100	IVF Push Fully dilated VD	3.9K	Yes BM CC	5 min	Yes	No	MildBA
1590	20	3 & 7	10c no changes then from 11 th 105,100 1S	IVF, LLT CS	Obstructed labour 2.8Kg	Yes BM CC	15	Yes	Yes	HIE

