

Study of Haemodynamic Instability in Dengue Fever and its Correlation with Thrombocytopenia, Hematocrit and Deranged Lft at Tertiary Care Hospital, Rims, Ranchi

Abhay Kumar¹, MD Arif Tauheed^{1*}, Bushra Afreen²

¹Department of Medicine, Regional Institute of Medical Sciences (RIMS), Ranchi, Jharkhand, India

²Department of Microbiology, Regional Institute of Medical Sciences (RIMS), Ranchi, Jharkhand, India

*Corresponding e-mail: gajrajnaik@gmail.com

Received: 05-September-2022, Manuscript No. IJMRHS-22-73678; Editor assigned: 07- September-2022, Pre QC No. IJMRHS-22-73678 (PQ); Reviewed: 21-September-2022, QC No. IJMRHS-22-73678; Revised: 04-November-2022, Manuscript No. IJMRHS-22-73678 (R); Published: 11-January-2023.

Supplementary data

Table 1 Thrombocytopenia was seen in 60% of patients.

S . n o	N a m e	A g e	S e x	A d d r e s s	Dengue profile			Cbc			Hae mat ocrit		Lft		Rft		Electrolyte			Bp		Malena/ petechiae					
					N s l a g	I g m	I g g	H b (g / d l m)	T l c (c e l l s / c m m)	Pl a t e l e t s (i n l a k h / c m m)	H c t > 20 % = i n c r e a s e d	T . b i l	D . b i l	I . b i l	G g t	S g o t	S g p t	S g o t / s g p t r a t i o	A l p	Sr . u r e a	Sr . c r e a t	Sr . n a +	Sr . k +	(i n m m h g)			
1	F. zafar	16	F	Ranchi	P	P	N	149	280	0.7	I n c r e a s e d	0	0	0.4	2	80	18	44	60	25	0	13	4	9	0	60	A b s e n t
2	E	1	M	G	P	N	N	1	5	1.5	N	1	0	0.	4	37	2	1	1	25	0	13	4	1			P

	a h m a d	7		u m l a	o s i t i v e	e g a t t i v e	e g a t t i v e	3 . 5	2 0 0		o r m a l		. 4	6	0	9	7 4	. 4 : 1	2 0		. 7	6	. 1 6	1 0 / 6 4	r e s e n t
3	M k a u n a i n	1 9	M	G u m l a	P o s i t i v e	P o s i t i v e	N e g a t t i v e	1 6	3 1 0 0	1.8	N o r m a l	0 . 8	0 . 3	0. 5	4 5	55	5 0	1 . 1 : 1	1 1 0	38	1 . 0 3	12 9	4 . 4	1 1 8 / 8 0	A b s e n t
4	D e e p a k k	2 0	M	G a r h w a	P o s i t i v e	N e g a t t i v e	N e g a t t i v e	1 3 . 4	1 1 2 0 0	1.1 2	I n c r e a s e d	0 . 8	0 . 4	0. 4	5 0	84	8 2	1 : 1	8 4	22	0 . 8	13 0	3 . 6	1 0 0 / 8 0	A b s e n t
5	S h a h b a z a	2 0	M	G u m l a	N e g a t t i v e	P o s i t i v e	N e g a t t i v e	1 3 . 8	5 4 0 0	1.0 5	I n c r e a s e d	0 . 2	0 . 1	0. 1	7 7	43	1 7 5	0 . 2 : 1	5 4	30	0 . 9	13 3	4 . 5	1 0 0 / 7 0	A b s e n t
6	M d r a k i b	2 0	M	G u m l a	N e g a t t i v e	P o s i t i v e	P o s i t i v e	1 2	7 2 0 0	1.6	N o r m a l	0 . 6	0 . 1	0. 5	3 7	12 2	1 8 2	0 . 7 : 1	1 0 7	18	0 . 9	13 1	4 . 4	1 0 0 / 6 6	P r e s e n t
7	S k u m a r i	2 0	F	C h a t r a	N e g a t t i v e	P o s i t i v e	N e g a t t i v e	9 . 6	4 6 0 0	0.4	I n c r e a s e d	1 . 1	0 . 1	1	8 7	57 8	1 6 3	3 . 5 : 1	1 4 3	20	0 . 6	14 0	3 . 7	1 1 0 / 8 0	P r e s e n t
8	D i l i p k	2 1	M	P a l a m u	N e g a t t i v e	P o s i t i v e	N e g a t t i v e	1 4 . 4	5 5 0 0	3.7	N o r m a l	0 . 9	0 . 2	0. 7	7 5	63	6 6	1 : 1	1 5 1	22	0 . 9	13 9	4 . 8	1 1 0 / 7 0	A b s e n t

9	Krishnar	21	M	G	P	P	N	12	4300	0.63	Increase	0.83	0.5	906	107	1:1	143	21	0.8	136	4.5	100/70	P
10	Mumtaza	21	M	G	P	P	N	136	5400	1.2	Increase	1.4	0.6	40	65	5:1	130	33	0.6	139	4.2	100/60	P
11	Shamip	21	F	G	P	P	N	10	4600	1.5	Normal	1.5	0.6	45	75	6:1	128	15	0.6	130.2	3.6	140/80	A
12	Sarwarik	21	F	R	N	P	N	102	5500	0.2	Increase	1.5	0.7	110	361	7:1	295	42	1	131	4.9	100/70	P
13	Anilc	23	M	P	N	P	N	14	2200	0.84	Increase	1.2	0.7	65	80	5:1	155	25	0.9	137	4.2	130/100	A
14	Sushmak	24	F	G	P	N	N	125	9600	0.5	Increase	1.5	0.7	53	356	2:1	80	23	1	140.8	3.2	100/60	A
15	Deepa	25	M	G	P	P	N	123	3300	1.5	Normal	1.5	0.5	40	77	5:1	74	23	0.9	135.2	3.4	120/8	A

	k			a	i	i	i													0	t				
16	A p r a j i t a k	25	F	G u m l a	P o s i t i v e	N e g a t i v e	N e g a t i v e	11.7	2130	0.29	In c r e a s e d	0.9	0.2	0.7	120	396	199	2:1	60	16	0.5	138	0.8	100/70	P r e s e n t
17	A w d h e s h k c	26	M	G a r h w a	N e g a t i v e	P o s i t i v e	N e g a t i v e	14.3	4200	1.5	N o r m a l	0.9	0.4	0.5	148	114	63	1.8:1	175	15	0.9	139	3.5	130/90	P r e s e n t
18	G a n e s h m	26	M	R a n c h i	N e g a t i v e	P o s i t i v e	N e g a t i v e	12	8600	1.2	In c r e a s e d	1	0.4	0.6	67	90	70	1.3:1	141	26	1.1	140	3.8	126/84	A b s e n t
19	K r i s h n a k	26	M	R a n c h i	N e g a t i v e	P o s i t i v e	N e g a t i v e	15.9	8600	2.04	N o r m a l	0.8	0.3	0.5	35	35	30	1.2:1	111	21	1	142	3.7	116/78	A b s e n t
20	M d n a s e m	26	M	R a n c h i	N e g a t i v e	P o s i t i v e	N e g a t i v e	15.2	1000	1	In c r e a s e d	0.6	0.2	0.4	100	167	234	0.7:1	118	28	0.8	135	3.9	90/60	A b s e n t
21	A m r i t a k	26	F	G u m l a	N e g a t i v e	P o s i t i v e	N e g a t i v e	12.2	3700	1.5	N o r m a l	1.1	0.4	0.7	54	60	112	0.5:1	83	25	0.7	136	4	128/90	A b s e n t
22	K y	26	M	G a	N e	P o	P o	14	48	0.85	In c r	0	0	0.6	12	153	63	2	10	15	0	138	4	12	P r

	a d a v			y a	g a t i v e	s i t i v e	s i t i v e	. 5 0	0		ea se d	8	2		4		4 : 1	4		9		3 4	0 / 8 0	e s e n t	
2 3	K u n d a n k	2 7	M	R a n c h i	N e g a t i v e	P o s i t i v e	N e g a t i v e	1 6 . 4 0	5 8 0 0	1.5 1	N o r m a l	1	0 . 3	0. 7	3 5	55	4 5	1 . 2 : 1	8 8	19	1 . 3	13 5	4 . 2	1 1 0 / 7 0	A b s e n t
2 4	B a d a l k	2 7	M	D h a n b a d	N e g a t i v e	P o s i t i v e	P o s i t i v e	1 4 . 3 0	6 8 0 0	0.1 2	I n c r e a s e d	1 . 7	0 . 8	0. 9	1 3 1	19 1	8 4	2 . 3 : 1	1 5 5	18	0 . 9	14 4	3 . 9	1 2 6 / 8 0	P r e s e n t
2 5	J i t e n d r a s	2 8	M	H a z a r i b a g h	N e g a t i v e	P o s i t i v e	N e g a t i v e	1 5 . 9 0	8 9 0 0	0.4 5	I n c r e a s e d	1	0 . 3	0. 7	1 5 0	28 9	2 1 8	1 . 3 : 1	2 7 0	25	0 . 8	13 4	4 . 1	1 1 0 / 8 0	P r e s e n t
2 6	M r e h a n	2 8	M	R a n c h i	P o s i t i v e	P o s i t i v e	P o s i t i v e	1 6 . 3 0	4 8 0 0	0.6 8	I n c r e a s e d	1	0 . 5	0. 5	9 3	88	9 7	0 . 9 : 1	1 5 5	39	1 . 1	13 6	3 . 4	1 0 0 / 6 4	A b s e n t
2 7	D h a r a m v m	2 9	M	R a n c h i	N e g a t i v e	P o s i t i v e	N e g a t i v e	1 4 0 0	5 0 0	0.3	I n c r e a s e d	7	0 . 2	0. 5	5 5	98	6 5	1 . 5 : 1	1 6 0	25	0 . 9	13 6	4 . 8	9 0 / 6 0	P r e s e n t
2 8	Z a f a r a l a m	3 0	M	R a n c h i	P o s i t i v e	P o s i t i v e	N e g a t i v e	1 4 . 1 0	3 0 0 0	1.5	N o r m a l	0 . 6	0 . 2	0. 4	1 8 0	38 0	2 1 8	1 . 7 : 1	1 5 9	41	1 . 2	13 9	3 . 8	1 2 6 / 7 0	A b s e n t

29	Sunilk	30	M	G	Pos	Neg	Neg	104	11300	1.2	In	07	03	04	250	1038	1136	09:1	107	32	09	134	32	100/70	Absent
30	Bipink	30	M	G	Pos	Pos	Pos	156	3400	1.64	Normal	05	02	03	125	557	563	1:1	86	17	09	139	385	100/80	Absent
31	Rajan	32	M	R	Neg	Pos	Neg	157	4730	1.7	Normal	05	01	04	100	260	232	1:1	190	16	06	138	42	100/70	Absent
32	Sakilla	32	M	K	Neg	Pos	Neg	99	15200	0.28	In	04	01	03	438	526	281	19:1	764	32	11	126.2	421	130/80	Present
33	Mdnasem	32	M	R	Pos	Pos	Neg	146	7100	1.65	Normal	06	02	04	49	118	97	12:1	159	20	09	131	43	110/70	Absent
34	Wasimr	35	M	R	Neg	Pos	Neg	157	5700	0.3	In	09	04	05	60	168	84	2:1	170	25	1	135	434	106/64	Present
35	Pramod	35	M	R	Neg	Pos	Neg	145	6120	1.69	Normal	06	02	04	98	384	313	12:1	103	16	09	138	43	110/7	Absent

	k			i	i	i														0	t	
36	Jahana	35	F	Ranchi	Positive	Positive	1500	7500	1.15	Increased	0.93	0.675	12023	123	123	24	0.8	136	4.42	90/70	Absent	
37	Waseem	35	M	Ranchi	Negative	Negative	1500	5700	0.3	Increased	0.73	0.460	138	84	161	250	1	135	4.43	106/64	Present	
38	Dkumar	35	M	Dhambad	Negative	Negative	106	6300	1.2	Increased	1.02	0.835	192	724	031	184	69	1	133	4.69	120/70	Absent
39	Noorjahan	36	F	Ranchi	Negative	Negative	10	6570	2.6	Normal	0.21	0.150	201	251	081	961	15	0.7	136	4.3	110/70	Absent
40	Pkumar	36	M	Palamu	Positive	Negative	134	7400	1.5	Normal	1.04	0.644	224	984	021	492	19	0.9	136	0.4	120/70	Absent
41	Wahaja	37	M	Lathar	Positive	Negative	13	7600	0.32	Increased	1.03	0.79	905	193	151	199	1.1	136	4.4	104/64	Present	
42	Sa	38	M	Ga	Ne	Ne	15	63	1.52	Normal	0.02	0.755	125	71	30	22	0	138	4.3	13	Ab	

	nt o s h y			y a	g a t i v e	s i t i v e	g a t i v e	. 8 0	0 0		m a l	8	6				8 : 1	2		9 5		6	0 / 9 0	s e n t	
4 3	C k u m a r	3 9	M	R a n c h i	N e g a t i v e	P o s i t i v e	N e g a t i v e	1 2 . 6 0	4 0 0 0	0.4 5	I n c r e a s e d	1 . 4	0 . 6	0. 8	7 8	21 4	1 4 9	1 . 4 : 1	9 5	47	1 . 2	13 5	4 . 2	1 0 0 / 8 0	P r e s e n t
4 4	M a n j u d	4 0	F	G a y a	P o s i t i v e	P o s i t i v e	N e g a t i v e	1 2 . 7 0	3 8 0 0	0.4 5	I n c r e a s e d	1 . 1	0 . 5	0. 6	3 0	45	4 0	1 . 1 : 1	1 0	29	1 . 1	14 1	4 . 4	1 1 0 / 6 0	P r e s e n t
4 5	R a m p r	4 0	M	G u m l a	P o s i t i v e	N e g a t i v e	N e g a t i v e	1 5 . 2 0	4 0 0 0	0.8 5	I n c r e a s e d	1 . 3	0 . 7	0. 6	1 4 3	14 3	1 5 3	0 . 9 : 1	9 2	22	0 . 9	13 4	3 . 5 2	1 3 0 / 8 0	A b s e n t
4 6	K p a l	4 6	M	R a n c h i	N e g a t i v e	P o s i t i v e	N e g a t i v e	1 2 . 2 0	4 9 0 0	1.5 4	N o r m a l	2 . 2	0 . 9	1. 3	3 5	48	3 4	1 . 4 : 1	1 3 5	34	0 . 9	13 7	3 . 5	9 0 / 7 0	A b s e n t
4 7	H a r d e v s	4 8	M	P a k u r	P o s i t i v e	N e g a t i v e	N e g a t i v e	1 4 . 1 0	2 3 7 0	0.8 5	I n c r e a s e d	0 . 7	0 . 2	0. 5	3 6	46	5 1	0 . 9 : 1	6 6	23	1 . 1	14 3	4 . 6	1 1 0 / 7 0	A b s e n t
4 8	P r e m a d e v i	5 4	F	G u m l a	P o s i t i v e	N e g a t i v e	N e g a t i v e	1 0 . 9 0	9 2 3 0	0.2 5	I n c r e a s e d	0 . 5	0 . 2	0. 3	1 5 5	30 3	1 5 7	1 . 9 : 1	1 2 1	25	0 . 8	13 0	4 . 4	9 0 / 6 0	P r e s e n t

49	R u k h s a n a k	55	F	G u m l a	N e g a t i v e	P o s i t i v e	N e g a t i v e	13	30	1.2	In c r e a s e d	12	05	0.7	210	470	224	211	292	16	06	134	44	120 / 78	A b s e n t
50	D a s h r a t h p	65	M	P a l a m u	N e g a t i v e	P o s i t i v e	N e g a t i v e	13	70	1.8	N o r m a l	11	02	0.9	139	211	151	141	492	35	12	136	4	120 / 70	A b s e n t