

ADDENDUM

In the article entitled "Hemophilia and allied disorders care in India : A story of dismay and success" by Dr. Dipika Mohanty, which was published in the Annals of the National Academy of Medical Sciences (India), 42(2), 147-156, 2006, the figures and tables were inadvertently left out. These are now being included. The error is regretted.

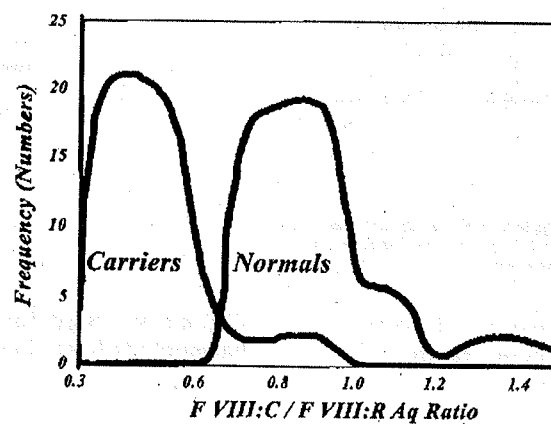


Fig. 1: Ratios of F VIII:C and VWF:Ag levels in carriers of haemophilia A and normal females.

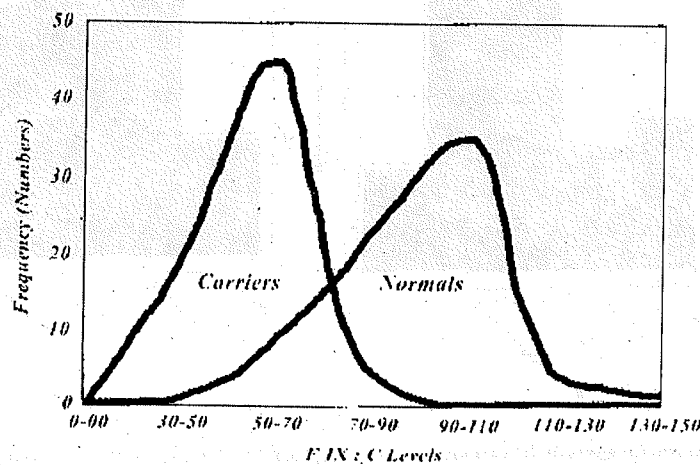
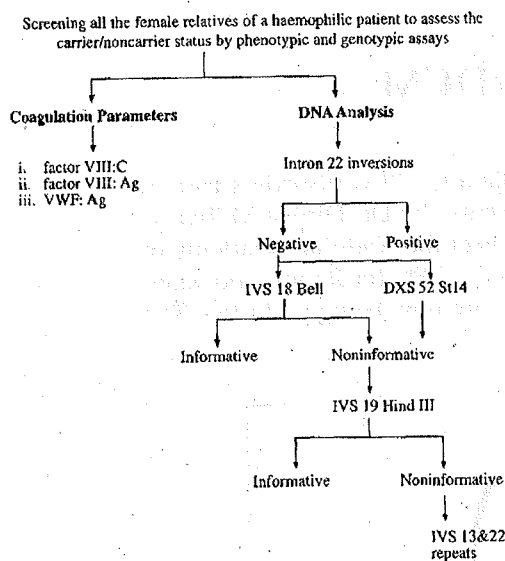


Fig. 2: F IX:C levels in carriers of haemophilia



The coagulation parameters are only supportive of genotyping techniques. The ratio of <0.7 for factor VIII:C and VWF:Ag is considered as a probable carrier of haemophilia A which would be subsequently confirmed by DNA techniques.

Fig. 3: Strategy for carrier detection in haemophilia A families at our centre.

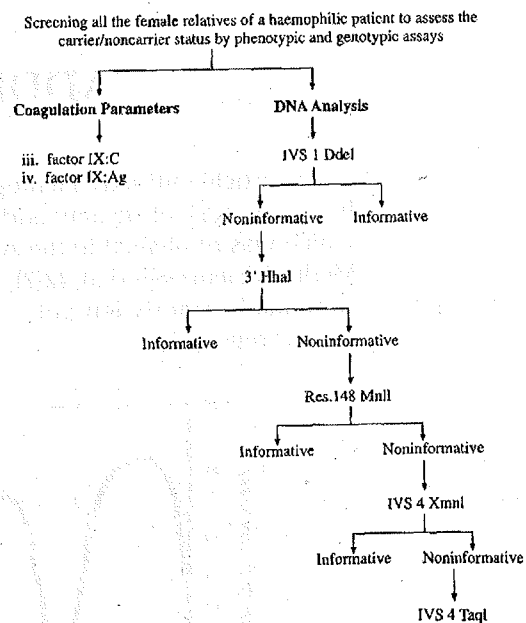


Fig. 4: Strategy for carrier detection in haemophilia B families at our centre.

Comprehensive Haemophilia Care in Developing Countries



Fig. 5: Informativeness of the various markers of: A) Factor VIII B) Factor IX genes used in carrier detection and antenatal diagnosis of haemophilia families.

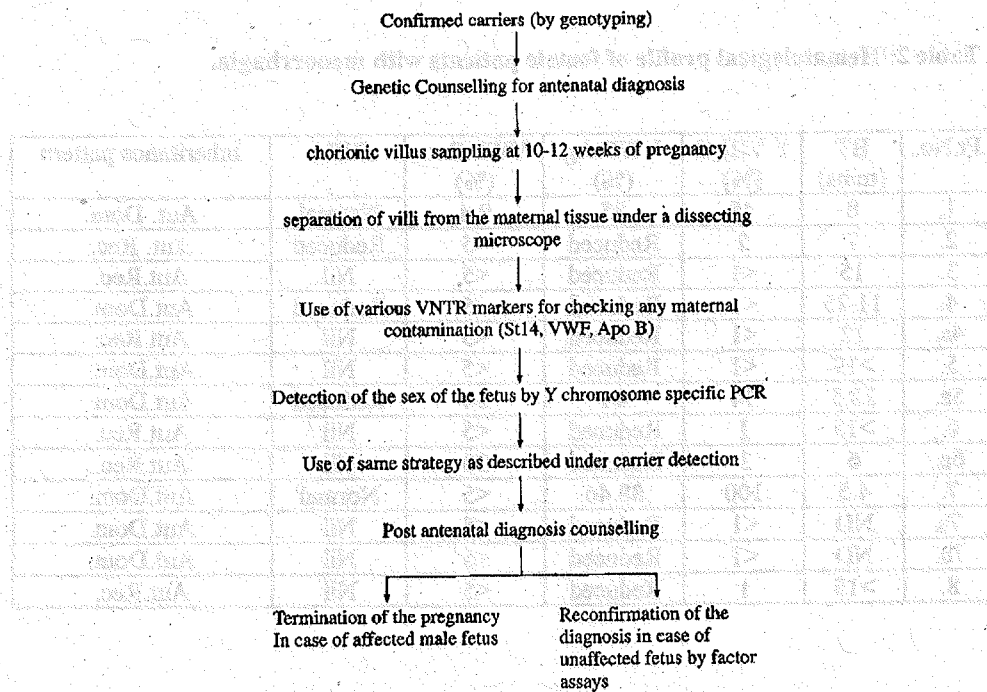


Fig. 6: Strategy for antenatal diagnosis in haemophilia families at our centre.

Table1: Spectrum of bleeding manifestations in 54 cases of VWD investigated.

Type of bleeding	Number of patients
Bleeding on trauma	43
Spontaneous bleeding	8
Epistaxis	21
Ecchymoses	18
Petechiae	4
Purpura	0
Gum bleeding	24
Bleeding post dental extraction	8
After circumcision	1
Post operative	1
Hemarthrosis	5
Hematuria	1
Hematemesis	1
Menorrhagia	8
Post delivery / umbilical cord	0
GI bleeds	3

Table 2: Hematological profile of female patients with menorrhagia.

Pt.No.	BT (mins)	F VIII:C (%)	VWF:Ag (%)	VWF:Rco (%)	RIPA	Inheritance pattern
1.	8	45	85	9.4	Normal	Aut. Dom.
2.	7	2	Reduced	<5	Reduced	Aut. Rec.
3.	15	<1	Reduced	<5	Nil	Aut. Rec.
4.	11.25	<1	Reduced	<5	Reduced	Aut. Dom.
4a.	12	<1	Reduced	<5	Nil	Aut. Rec.
5.	>19	<1	Reduced	<5	Nil	Aut. Dom.
5a.	12.5	34	44	24	Reduced	Aut. Dom.
6.	>15	1	Reduced	<5	Nil	Aut. Rec.
6a.	6	3	Reduced	90	Nil	Aut. Rec.
7.	4.5	100	88.46	<5	Normal	Aut. Dom.
7a	ND	<1	Reduced	<5	Nil	Aut. Dom.
7b.	ND	<1	Reduced	<5	Nil	Aut. Dom.
8.	>15	1	Reduced	<5	Nil	Aut. Rec.

Table 3: Mean levels of F VIII:C, VWF:Ag, VWF:RCo in the three types of VWD.

Type of VWD	F VIII:C (%)	VWF: Ag (%)	VWF: RCo (%)
1	22 + 28.14	28.83 + 38.27	33.71 + 50.26
2	24.51 + 28.51	69.93 + 38.25	22.18 + 33.13
3	<1%	<5%	<5

Table 4: Multimeric pattern of von Willebrand factor in various types of VWD.

Type (No. of Pts.)	1 (7)	2A (1)	2B (1)	2M (2)	2N (2)	3 (25)	Acquired VWD (1)
High Mol. Wt.	Absent	Absent	Absent	Present	Present	Absent	Absent
Intermediate	Absent	Present	Present	Present	Present	Absent	Absent
Low Mol. Wt.	Absent	Present	Present	Present	Present	Absent	Absent

Table 5: Spectrum of VWD.

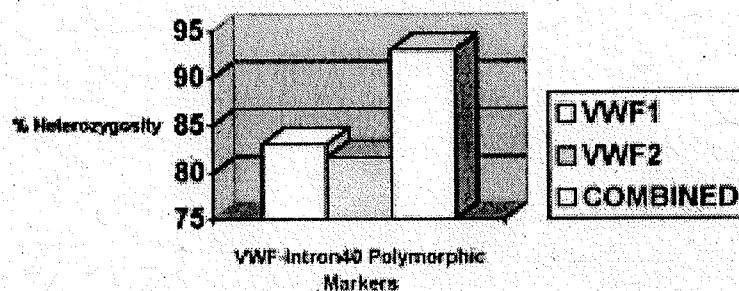
Type	1	2	3	Acquired	Unclassified
%	12.96	29.62	42.59	1.85	11.11

Table 6: Allele frequencies of VWF1 and VWF2 polymorphic markers of VWF-intron40 of the VWF gene in 300 controls and 25 patients.

VWF1					VWF2				
VNTR (ATCT) _n	No. of chromosomes analyzed		Frequency (%)		VNTR (ATCT) _n	No. of chromosomes analyzed		Frequency (%)	
	C	P	C	P		C	P	C	P
14	31	2	5.17	4	8	10	0	1.67	0
13	87	4	14.5	8	7	31	1	5.17	2
12	116	15	19.33	30	6	75	7	12.5	14
11	73	4	12.17	8	5	107	8	17.83	16
10	24	0	4	0	4	140	15	23.33	30
9	14	3	2.33	6	3	105	9	17.5	18
8	112	11	18.67	22	2	76	3	12.67	6
7	128	9	28.33	18	1	56	7	9.33	14
6	15	2	2.5	4					
Heterozy- gosity	C = 83%				Heterozy- gosity	C = 81.6%			
Overall Heterozygosity = 93%.									

Key : C- Controls, P- Patients.

% Heterozygosity of the two VWF-intron40 markers in 300 normal controls.



1. The following table shows the results of the survey.

Table 1. Results of the survey of the VWT and VWT-2000 systems. The table shows the number of VWT and VWT-2000 systems in each category.

VWT		VWT-2000		Total	
Category	Number	Category	Number	Category	Number
1	10	1	10	1	20
2	20	2	20	2	40
3	30	3	30	3	60
4	40	4	40	4	80
5	50	5	50	5	100
6	60	6	60	6	120
7	70	7	70	7	140
8	80	8	80	8	160
9	90	9	90	9	180
10	100	10	100	10	200
11	110	11	110	11	220
12	120	12	120	12	240
13	130	13	130	13	260
14	140	14	140	14	280
15	150	15	150	15	300
16	160	16	160	16	320
17	170	17	170	17	340
18	180	18	180	18	360
19	190	19	190	19	380
20	200	20	200	20	400
21	210	21	210	21	420
22	220	22	220	22	440
23	230	23	230	23	460
24	240	24	240	24	480
25	250	25	250	25	500
26	260	26	260	26	520
27	270	27	270	27	540
28	280	28	280	28	560
29	290	29	290	29	580
30	300	30	300	30	600
31	310	31	310	31	620
32	320	32	320	32	640
33	330	33	330	33	660
34	340	34	340	34	680
35	350	35	350	35	700
36	360	36	360	36	720
37	370	37	370	37	740
38	380	38	380	38	760
39	390	39	390	39	780
40	400	40	400	40	800
41	410	41	410	41	820
42	420	42	420	42	840
43	430	43	430	43	860
44	440	44	440	44	880
45	450	45	450	45	900
46	460	46	460	46	920
47	470	47	470	47	940
48	480	48	480	48	960
49	490	49	490	49	980
50	500	50	500	50	1000

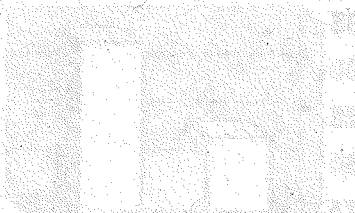
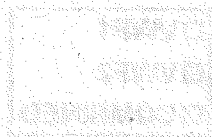


Figure 1. Schematic diagram of the VWT and VWT-2000 systems.