Nockefeller University Institutional Review Board The Rockefeller University Institutional Review Board Rockefeller University Institutional Review Board IRB NUMBER: BCO-0738 University IRB APPROVAL DATE: 3/28/2012 IRB EXPIRATION DATE: 3/27/2013 Only symptoms and treatment BEFORE and AT diagnosis should be considered

1.	Epistaxis		
1.1	Have you ever had spontaneous epistaxis?	□ Yes	□ No or trivial (skip to 2)
1.2	Have the symptom ever required medical attention ?	□ Yes	 □ No (resolve spontaneously; skip to 1.6)
1.3	If answer to 1.2 is yes, please specify	 Consultation only Cauterization Packing Antifibrinolytics Iron therapy Treatment with desmandary Treatment with plasm Treatment with plate 	a et concentrate
		 Treatment with factor Blood (RBC) transfus 	
1.4	How many times in your life did you receive any of the above treatments (# 1.3)?	□ 1 - 2 □ 3 to 5 □ 6 to 10 □ more than 10	
1.5	At what age did you first have symptoms?	 Before 1 year Between 1-5 years of Between 6-12 years of Between 13-25 years After 25 years of age 	ofage
1.6	Approximate number of episodes NOT requiring medical attention	 less than 1 per year 1 per year 2-5 every year 1-3 every month 1 every week 	
1.7	Duration of average single episode (min.) NOT requiring medical attention	 ☐ 1 minute or less ☐ 1 - 10 minutes ☐ more than 10 minutes 	5

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2.	Cutaneous bleeding (Bruising, ecchymoses, purpura, subcutanueos hematomas)		
2.1	Have you ever had any of the above cutaneous bleeding?		\Box No or trivial skip to 3
2.2	Have the symptom ever required medical attention?	□ Yes	No 🗆 skip to 2.6
2.3	If answer to 2.2 is yes, please specify	Consultation only	
		□ Treatment with desmo	opressin
		 Treatment with plasm Treatment with plateled Treatment with factor 	et concentrate
		□ Blood (RBC) transfus	ion
2.4	How many times in your life did you receive any of the above treatments (# 2.3)?	 1 - 2 3 to 5 6 to 10 more than 10 	
2.5	At what age did you first have symptoms?	 Before 1 year Between 1-5 years of Between 6-12 years of Between 13-25 years After 25 years of age 	of age
2.6	Approximate number of episodes NOT requiring medical attention	 less than 1 per year 1 per year 1-5 every six month 1-3 every month 1 every week 	
2.7	Type of bleeding	 Petechiae Bruises Hematomas 	
2.8	Location	 Exposed sites Unexposed sites Both 	
2.9	Common size	□ ≤ 1 cm □ >1 cm □ Extensive (palm sized larger)	d or
2.10	How many bruises >1 cm in exposed areas in the most severe manifestation?	□ ≤ 5 □ > 5	
2.11	Location of petechiae	 Limited to lower limbs Diffuse 	3

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Bleeding from minor wounds (not requiring stitches in the average patient)

3.

3.1	Have you ever had prolonged bleeding from minor wounds?	□ Yes	□ No or trivial skip to 4
3.2	Have the symptom ever required medical attention ?	□ Yes	□ No skip to 3.6
3.3	If answer to 3.2 is yes, please specify	□ Consultation only	
		Surgical hemostasis	
		□ Treatment with desmo	opressin
		 Treatment with plasm Treatment with plateled Treatment with factor 	et concentrate
		□ Blood (RBC) transfus	ion
3.4	How many times in your life did you received any of the above treatments (# 3.3)?	□ 1 - 2 □ 3 to 5 □ 6 to 10 □ more than 10	
3.5	At what age did you first have symptoms?	 Before 1 year Between 1-5 years of Between 6-12 years of Between 13-25 years After 25 years of age 	ofage
3.6	Approximate number of episodes NOT requiring medical attention	 less than 1 per year 1 per year 2-5 every year 1-3 every month 1 every week 	
3.7	Duration of average single episode (min.)	□ 1 to 10 minutes □ more than 10 minutes	5

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4. Hematuria

4.1	Have you ever had hematuria?	□ Yes	□ No skip to 5
4.2	If answer to 4.1 is yes, please specify		
	Presence of associated	Yes \Box (skip to 5)	No 🗆
	urologic disease	Specify:	
		 Stones Infection Kidney/ bladder disease 	

Please answer the following questions only for SPONTANEOUS symptoms (answer No to 4.1)

4.3	Have the symptom ever required medical attention ?	Yes 🗆	No 🗆 skip to 4.7
4.4	If answer to 4.3 is yes, please specify	 Consultation only Surgery Iron therapy 	
		Treatment with desmo	pressin
		 Treatment with plasma Treatment with platele Treatment with factor of 	t concentrate
		□ Blood (RBC) transfusio	on
4.5	How many times in your life did you received any of the above treatments (# 4.4)?	 1 - 2 3 to 5 6 to 10 more than 10 	
4.6	At what age did you first have symptoms?	 Before 1 year Between 1-5 years of Between 6-12 years of Between 13-25 years After 25 years of age 	fage
4.7	Approximate number of episodes NOT requiring medical attention	 less than 1 per year 1 per year 1-5 every six month 1-3 every month 	

 \Box 1 every week

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5. Gastrointestinal bleeding (Hematemesis, Melena, Hematochezia)

5.1	Have you ever had gastrointestinal bleeding ?	□ Yes	□ No skip to 6
5.2	If answer to 5.1 is yes, please specify		
	Type of bleeding	 □ Hematemesis □ Melena □ Hematochezia 	
	Presence of associated GI disease	Yes 🗆	No 🗆
	Gruisease	Specify:	
		 □ Ulcer □ Portal hypertension □ Angiodysplasia 	
Pleas	se answer to the following questions only for	or SPONTANEOUS sympton	ns
5.3	Have the symptom ever required medical attention ?	Yes 🗆	No 🛛 skip to 5.7
5.4	If answer to 5.3 is yes, please specify	□ Consultation only	
		Surgical haemostasis/ antifibrinolytic	
		Treatment with desmop	pressin
		 □ Treatment with plasma □ Treatment with platelet □ Treatment with factor cannot be action of the sector of the sect	
		□ Blood (RBC) transfusio	n
5.5	How many times in your life did you received any of the above treatments (# 5.4)?	□ 1 - 2 □ 3 to 5 □ 6 to 10 □ more than 10	
5.6	At what age did you first have symptoms?	 Before 1 year Between 1-5 years of a Between 6-12 years of Between 13-25 years o After 25 years of age 	age
5.7	Approximate number of episodes NOT requiring medical attention	 less than 1 per year 1 per year 1-5 every six month 1-3 every month 	

 \Box 1 every week



- 6. **Oral cavity bleeding** (Tooth eruption, spontaneous or after brushing/flossing, gum bleeding, bleeding after bites to lip & tongue)
- 6.1 Have you ever had oral cavity □ Yes □ No or trivial skip to 7 bleeding? Have the symptom ever required 6.2 Yes 🗆 No Skip to 6.6 medical attention ? 6.3 If answer to 6.2 is yes, please □ Consultation only specify □ Surgical hemostaisis (dental packing, suture, cauterization) □ Antifibrinolytics □ Treatment with desmopressin □ Treatment with plasma □ Treatment with platelet concentrate □ Treatment with factor concentrates □ Blood (RBC) transfusion 6.4 How many times in your life did □ 1 - 2 you received any of the above □ 3 to 5 treatments (# 6.3)? □ 6 to 10 □ more than 10 □ Before 1 year At what age did you first have 6.5 □ Between 1-5 years of age symptoms? □ Between 6-12 years of age □ Between 13-25 years of age □ After 25 years of age 6.6 Approximate number of episodes □ less than 1 per year NOT requiring medical attention □ 1 per year □ 1-5 every six month □ 1-3 every month □ 1 every week 6.7 Duration of average single □ 1 to 10 minutes episode (min.) □ more than 10 minutes



7.	Bleeding after Tooth/ Teeth extraction
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7.1	Have you ever had bleeding after tooth (teeth) extraction ?	□ Yes	□ No skip to 8
7.2	If answer to 7.1 is yes, please specify		
	Number of extractions		

Please fill in one of the following forms for each tooth extraction

Age at extraction	Type of extraction	DeciduousPermanentMolar	
Actions taken to prevent	□ None		
bleeding	□ Antifibrinolytics		
	Desmopressin		
	Plasma or clotting factor concentrates		
	Platelet infusion		
Bleeding after extraction?	Yes 🗆	No 🗆	
Actions taken to control	□ None		
bleeding	Resuturing		
	Packing		
	Antifibrinolytics		
	Desmopressin		
	Plasma or clotting facto	r concentrates	
	Platelet infusion		
	□ Blood (RBC) transfusion		



8. Bleeding after Surgery or Major Trauma

8.1	Have you ever had bleeding after surgery or major trauma?	□ Yes	\Box No, skip to 9
8.2	If answer to 8.1 is yes, please specify		
	Number of interventions		

Please fill in one of the following forms for **each** surgery or major trauma episode

Age at intervention/trauma		Type of surgery	□ Major-abdominal	
		Tonsillectomy/Adenoids Harynx/Nose	Major-thoracic Major-gynecology Other	
Actions taken to prevent		□ None		
bleeding		□ Antifibrinolytics		
		Desmopressin		
		Plasma or clotting factor concentrates		
		Platelet infusion		
Bleeding after intervention?		Yes 🗆	No 🗆	
Actions taken to control		□ None		
bleeding		Surgical hemostasis		
		Antifibrinolytics		
		Desmopressin		
		Plasma or clotting factor concentrates		
		Platelet infusion		
		Blood (RBC) transfusio	n	



9. Menorrhagia

9.1	Have you ever had very heavy menstrual bleeding (menorrhagia)?			□ No or trivial skip to 10
	If answer to 9.1 is yes, please specify		Changing pads/tampo every 2 hours	ons more frequently than
			□ Bleeding more than 7 o	days
			□ Clot and flooding	
			Impairment of daily activities (work, housework, exercise, social activities):	 Never or rarely Most menses
9.2	Have the symptom ever required medical attention ?		□ Yes	□ No skip to 9.6
9.3	If answer to 9.2 is yes, please specify	а	Consultation only	
		b	 Pictorial Bleeding Assessment 	Score
		с	□ Antifibrinolytic therapy	
		d	Iron therapy	
		е	Hormonal therapy	
		f	Combined antifibrinolyt	ics & Hormonal therapy
		g h	 Hysterectomy / endom Treatment with desmon Treatment with plasma Treatment with platelet Treatment with factor of 	concentrate
		i	Blood (RBC) transfusio	n
		Ι	Hospital admission and	d emergency treatment
9.4	How many times in your life did you received any of the above treatments (# 9.3 a-l)?		 1 - 2 3 to 5 6 to 10 more than 10 	
9.5	At what age did you first have symptoms?		 □ At menarche □ Between 14-25 years of □ After 25 years of age 	of age
9.6	Have you had time off work/school for menorrhagia?		□ < twice a year □ > twice a year	
9.7	Duration of menorrhagia		 Since menarche > 12 months < 12 months 	
9.8	Have you had acute menorrhagia requiring emergency treatment/hospital admission		□ Yes How many times:	□ No

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10. Post-partum hemorrhage

treatments (# 10.8)?

10.1	Number of successful pregnancies (live births)			
10.2	Have you ever had post-partum haemorrhage?	□ Yes	□ No or trivial skip to 11	
10.3	Did it occur	□ In the first 24 hours afte	er delivery (Primary)	
		 Between 24 hours a (Secondary) 	and 6 weeks postpartum	
		□ Both Primary and Seco	ondary	
10.4	How long did vaginal discharge (lochia) last?	□ < 6 weeks □ > 6 weeks		
10.5	Did it require changing pads/tampons more frequently than every 2 hours?	□ Yes	□ No	
10.6	Did this bleeding cause delay of hospital discharge/ readmission to hospital?	□ Yes	□ No	
10.7	Have the symptom ever required medical treatment?	□ Yes	□ No	
10.8	If answer to 10.7 is yes, please specify	Consultation only /oxyte	ocin i.v. infusion	
		□ Additional uterotonic m	edications	
		□ Iron therapy		
		□ Antifibrinolytic therapy		
		□ Treatment with desmopressin		
		 Treatment with plasma Treatment with platelet concentrate Treatment with factor concentrates 		
		□ Blood (RBC) transfusion		
		Any procedure requiring examination under anaesthesia		
		Uterine balloon/packag uterus	e to tamponade the	
		Any procedure requirin intervention (includes: hy artery legation, uterine ar brace sutures)		
10.9	Number of deliveries that required any of the above			

10



11. Muscle hematomas (spontaneous)

11.1	Have you ever had muscle hematomas?	□ Yes	□ No or trivial skip to 12
	If yes, was it spontaneous or after trauma?	□ Yes, spontaneous	□ No, trauma-related
11.2	Have the symptom ever required medical attention ?	□ Yes	□ No skip to 11.6
11.3	If answer to 11.2 is yes, please specify	Consultation only	
		Surgical draining	
		Treatment with desmo	pressin
		 Treatment with plasma Treatment with plateled Treatment with factor of 	t concentrate
		□ Blood transfusion	
11.4	How many times in your life did you receive any of the above treatments (# 11.3)?	□ 1 - 2 □ 3 to 5 □ 6 to 10 □ more than 10	
11.5	At what age did you first have symptoms?	 Before 1 year Between 1-5 years of a Between 6-12 years of Between 13-25 years of After 25 years of age 	age
11.6	Approximate number of episodes NOT requiring medical attention	□ less than 1 per year □ 1 per year	

- □ 1-5 every six month
- □ 1-3 every month
- □ 1 every week



12. Hemarthrosis

12.1	Have you ever had hemarthrosis?	□ Yes	□ No or trivial skip to 13
	If yes, was it spontaneous or after trauma?	□ Yes, spontaneous	□ No, trauma-related
12.2	Have the symptom ever required medical attention ?	□ Yes	No skip to 12.6
12.3	If answer to 12.2 is yes, please specify	□ Consultation only	
		Surgical draining	
		Treatment with desmo	pressin
		 Treatment with plasma Treatment with platelet Treatment with factor of 	t concentrate
		□ Blood transfusion	
12.4	How many times in your life did you receive any of the above treatments (# 11.3)?	□ 1 - 2 □ 3 to 5 □ 6 to 10 □ more than 10	
12.5	At what age did you first have symptoms?	 Before 1 year Between 1-5 years of a Between 6-12 years of Between 13-25 years of After 25 years of age 	age
12.6	Approximate number of episodes NOT requiring medical attention	 □ less than 1 per year □ 1 per year □ 1-5 every six month 	

1-3 every month1 every week



13. CNS bleeding (spontaneous)

13.1	Have you ever had cranial or spinal bleeding?	□ Yes	□ No or trivial skip to 14
	If yes, was it spontaneous or after trauma?	□ Yes, spontaneous	□ No, trauma-related
13.2	If answer to 13.1 is yes, please specify		
	Type of bleeding	 Subdural Intracerebral Subarachnoid 	
	Was the diagnosis made by	□ CT scan □ MRI □ Angiography	
13.3	Type of treatment		

□ Consultation

□ Surgical draining

 $\hfill\square$ Treatment with plasma, platelet or factor concentrates

13.4 At what age did you have CNS bleeding?

Before 1 yearBetween 1-5 years of age

□ Between 6-12 years of age

□ Between 13-25 years of age

□ After 25 years of age

14 Other bleedings

14.1	Have you ever had one of the following?				
	Excessive umbilical stump bleeding	□ Yes	□ No		
	Cephalohematoma	□ Yes	□ No		
	Bleeding at circumcision	□ Yes	□ No		
	Venipuncture bleeding	□ Yes	□ No		
	Suction Bleeding	□ Yes	□ No		
	Ovulation bleeding(in women)	□ Yes	□ No		
14.2	Have one of these symptoms ever required medical attention?		□ No		
14.3	If answer to 12.2 is yes, please specify	Consultation only			
		□ Antifibrinolytics			
		□ Surgery			
		□ Treatment with desmo	pressin		
		 Treatment with plasma Treatment with platelet Treatment with factor of 	t concentrate		
		□ Blood (RBC) transfusio	on		
14.4	How many times in your life did you receive any of the above treatments (# 12.3) for this symptom?	□ 1 - 2 □ 3 to 5 □ 6 to 10 □ more than 10			



Table 1. Bleeding score

SYMPTOMS (up to the time of diagnosis)	SCORE				
. .	0 [§]	1 [§]	2	3	4
Epistaxis	No/trivial	- > 5/year or - more than 10 minutes	Consultation only*	Packing or cauterization or antifibrinolytic	Blood transfusion or replacement therapy (use of hemostatic blood components and rFVIIa) or desmopressin
Cutaneous	No/trivial	For bruises 5 or more (> 1cm) in exposed areas	Consultation only*	Extensive	Spontaneous hematoma requiring blood transfusion
Bleeding from minor wounds	No/trivial	- > 5/year or - more than 10 minutes	Consultation only*	Surgical hemostasis	Blood transfusion, replacement therapy, or desmopressin
Oral cavity	No/trivial	Present	Consultation only*	Surgical hemostasis or antifibrinolytic	Blood transfusion, replacement therapy or desmopressin
GI bleeding	No/trivial	Present (not associated with ulcer, portal hypertension, hemorrhoids, angiodysplasia)	Consultation only*	Surgical hemostasis, antifibrinolytic	Blood transfusion, replacement therapy or desmopressin

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Hematuria	No/trivial	Present (macroscopic)	Consultation only	TE: 3/27/2013 Surgical hemostasis, iron therapy	Blood transfusion, replacement therapy or desmopressin
T - 4 - 5 - 6 - 6 - 6		Design to the office			
Tooth extraction	No/trivial or none done	Reported in <u><</u> 25% of all procedures, no intervention**	Reported in >25% of all procedures, no intervention**	Resuturing or packing	Blood transfusion, replacement therapy or desmopressin
Surgery	No/trivial or none done	Reported in <u><</u> 25% of all procedures, no intervention**	Reported in >25% of all procedures, no intervention**	Surgical hemostasis or antifibrinolytic	Blood transfusion, replacement therapy or desmopressin
Menorrhagia	No/trivial	Consultation only* or - Changing pads more frequently than every 2 hours or - Clot and flooding or - PBAC score>100 [#]	- Time off work/school > 2/year or - Requiring antifibrinolytics or hormonal or iron therapy	 Requiring combined treatment with antifibrinolytics and hormonal therapy or Present since menarche and > 12 months 	 Acute menorrhagia requiring hospital admission and emergency treatment or Requiring blood transfusion, Replacement therapy, Desmopressin, or Requiring dilatation & curretage or endometrial ablation or hysterectomy)
5				_	
Post-partum hemorrhage	No/trivial or no deliveries	Consultation only* or - Use of syntocin or - Lochia > 6 weeks	- Iron therapy or - Antifibrinolytics	 Requiring blood transfusion, replacement therapy, desmopressin or Requiring examination under anaesthesia and/or the use of uterin balloon/package to tamponade the uterus 	 Any procedure requiring critical care or surgical intervention (e.g. hysterectomy, internal iliac artery legation, uterine artery embolization, uterine brace sutures)
Muscle hematomas					
	Never	Post trauma, no therapy	Spontaneous, no therapy	Spontaneous or traumatic, requiring desmopressin or replacement therapy	Spontaneous or traumatic, requiring surgical intervention or blood transfusion



Hemarthrosis	Never	Post trauma, no therapy	Spontaneous, no therapy	Spontaneous or traumatic, requiring desmopressin or replacement therapy	Spontaneous or traumatic, requiring surgical intervention or blood transfusion
CNS bleeding	Never	-	-	Subdural, any intervention	Intracerebral, any intervention
Other bleedings^	No/trivial	Present	Consultation only*	Surgical hemostasis, antifibrinolytics	Blood transfusion or replacement therapy or desmopressin

In addition to the guidance offered by the table, it is mandatory to refer to the text for more detailed instructions.

[§] Distinction between 0 and 1 is of critical importance. Score 1 means that the symptom is judged as present in the patient's history by the interviewer but does not qualify for a score 2 or more

* Consultation only: the patient sought medical evaluation and was either referred to a specialist or offered detailed laboratory investigation

** Example: 1 extraction/surgery resulting in bleeding (100%): the score to be assigned is 2; 2 extractions/surgeries, 1 resulting in bleeding (50%): the score to be assigned

is 2; 3 extractions/surgeries, 1 resulting in bleeding (33%): the score to be assigned is 2; 4 extractions/surgeries, 1 resulting in bleeding (25%): the score to be assigned is 1

[#] If already available at the time of collection

^ Include: umbilical stump bleeding, cephalohematoma, cheek hematoma caused by sucking during breast/bottle feeding, conjunctival hemorrhage or excessive bleeding following circumcision or venipuncture. Their presence in infancy requires detailed investigation independently from the overall score

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