

Appendix D Topics in areas of perceived needs from the difficult scenario descriptions.

Rank	Topic	Frequency	% of Cases	New Topic*												
1	Weighing risks and benefits of bleeding & clotting <table border="1"> <thead> <tr> <th>Sub-themes for Topic 1</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>GI bleed with need for anticoagulation</td> <td>17</td> </tr> <tr> <td>ICH with need for anticoagulation</td> <td>12</td> </tr> <tr> <td>ACS with concurrent bleeding</td> <td>6</td> </tr> <tr> <td>Epistaxis in difficult situations (e.g. mechanical valve)</td> <td>2</td> </tr> <tr> <td>Other (e.g. Trauma)</td> <td>5</td> </tr> </tbody> </table>	Sub-themes for Topic 1	Frequency	GI bleed with need for anticoagulation	17	ICH with need for anticoagulation	12	ACS with concurrent bleeding	6	Epistaxis in difficult situations (e.g. mechanical valve)	2	Other (e.g. Trauma)	5	42	35.9%	Yes
Sub-themes for Topic 1	Frequency															
GI bleed with need for anticoagulation	17															
ICH with need for anticoagulation	12															
ACS with concurrent bleeding	6															
Epistaxis in difficult situations (e.g. mechanical valve)	2															
Other (e.g. Trauma)	5															
2	VTE Management - Assessing need for anticoagulation (Starting new or restarting, or when to stop) <table border="1"> <thead> <tr> <th>Sub-themes for Topic 2</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>Restarting (e.g. anticoagulation held recently, when to restart)</td> <td>3</td> </tr> <tr> <td>Stopping (e.g. needs anticoagulation for prevention, but has new bleed)</td> <td>3</td> </tr> <tr> <td>Starting new (e.g. Afib, Subsegmental PE, Upper limb, DVT, Cancer-related DVT)</td> <td>3</td> </tr> <tr> <td>Anticoagulant Failure</td> <td>1</td> </tr> <tr> <td>Cerebral Venous Sinus Thrombosis</td> <td>1</td> </tr> </tbody> </table>	Sub-themes for Topic 2	Frequency	Restarting (e.g. anticoagulation held recently, when to restart)	3	Stopping (e.g. needs anticoagulation for prevention, but has new bleed)	3	Starting new (e.g. Afib, Subsegmental PE, Upper limb, DVT, Cancer-related DVT)	3	Anticoagulant Failure	1	Cerebral Venous Sinus Thrombosis	1	11	9.4%	No
Sub-themes for Topic 2	Frequency															
Restarting (e.g. anticoagulation held recently, when to restart)	3															
Stopping (e.g. needs anticoagulation for prevention, but has new bleed)	3															
Starting new (e.g. Afib, Subsegmental PE, Upper limb, DVT, Cancer-related DVT)	3															
Anticoagulant Failure	1															
Cerebral Venous Sinus Thrombosis	1															
3	Reversal agents (including decision to reverse; how to handle antiplatelet agents)	8	6.8%	No												
4	Coagulopathy of Liver Failure	7	6.0%	Yes												
5	Periprocedural Anticoagulation / Coagulation Mgt (LP, Abdominal Surgery, Spinal anesthesia, Hemarthrosis)	6	5.1%	No												
6	Choosing/Identifying Anticoagulation (DOACs, Coumadin, LMWH, others) vs. Antiplatelet (e.g. Prasugrel)	6	5.1%	No												
7	Maintaining perfusion in bleeding patient (e.g. Massive Transfusion for Resuscitation)	5	4.3%	Yes												
8	Inherited Bleeding Disorders (Hemophilia, Glanzmann thrombasthenia)	5	4.3%	Yes												
9	DIC	4	3.4%	Yes												
10 (tie)	Platelet transfusion & Hemostasis (e.g. ITP, bone marrow suppression, dialysis)	3	2.6%	Yes												
10 (tie)	Gynecologic sources of bleeding	3	2.6%	Yes												
Other bleeding and thrombosis topics identified	Pregnancy & VTE	2		No												
	Bleeding NYD	2		Yes												
	HIT	2		Yes												
	Alternatives to transfusion	1		Yes												
	Bleeding in Cancer/BM suppressed pt	1														
	DOACs & Thrombolysis in stroke	1		Yes												
	When to suspect lab error	1		Yes												
	Diagnosis of DVT	1		No												
	Cancer related DVT mgt	1		No												
	Sickle cell pts & transfusion	1		Yes												
	Coagulopathy of Trauma	1		Yes												
	Cost of medications	1		Yes												

* New topic identified that was not identified in any other phase of the needs assessment (e.g. survey free text, by investigators)