Table 2. Safety Issues with Rapidly Acting Anticoagulants in the United States (Effective November 2006)

LMWHS

FONDAPARINUX

UFH

SAFETY CONCERN

UA, unstable angina

DTIS

Avoid if hypersensitivity to drug or				
its components	Χ	Χ	X	Χ
Avoid if active major bleeding	Χ	Χ	X (or if bacterial endocarditis)	X
Use with extreme caution if increased				
risk of bleeding	X	X	X	Χ
Bleeding, including major hemorrhage,				
can occur	Χ	X	X	Χ
Black box warning: Neuraxial hematoma or				
spinal puncture	†	X	X	
Avoid in patients with UA or MI undergoing				
regional anesthesia		Dalteparin		
Avoid if severe thrombocytopenia, cross-				
reactivity with antiplatelet antibody in presence				
of drug, or current or previous HIT (or use with				
extreme caution if history of HIT)	X	Χ	X*	
Not for intramuscular injection	X	Χ	X	Χ
AT-dependent drugs not interchangeably				
used (unit for unit)	Χ	X	X	
Presence of renal impairment				
 Avoid if CLcr <30 mL/min and caution if 				
CLcr 30-50 mL/min			X	
 Avoid if CLcr < 15 mL/min and reduce dose 				
if CLcr <60 mL/min				Lepirudin
 Reduce dose if CLcr < 30 mL/min 		Enoxaparin		Bivalirudin
Presence of hepatic impairment, reduce dose				Argatroban
Patient body weight				
 Avoid using for prophylaxis if < 50 kg 			X	
 Antifactor Xa monitoring if > 150 kg 		X [‡]		
Anaphylaxis risk on re-exposure				Lepirudin
Routine monitoring with coagulation assay	Χ			Χ
No antidote			Χ	X
* In vitro and in vivo cross reactivity with HIT antibo		ole.		
† Event has also been reported in association with $\mbox{\it l}$				
[‡] Per ACCP guidelines ⁷ ; not in prescribing information	_			
Key: AT, antithrombin; CLcr, creatinine clearance; H	IIT, heparin-i	nduced thromboo	cytopenia; MI, myocardial infarction;	