

Supplementary Table 1. Recommended guidelines for discontinuing antiplatelet and anticoagulant medications before high-risk procedures, including radiologic interventions and endoscopic submucosal resection of the stomach

Medication	SIR guideline ¹		KSGE guideline ²	
	Withhold	Reinitiation	Withhold	Reinitiation
Aspirin	Withhold 3-5 d before procedure	The day after procedure	Do not withhold	
Clopidogrel	Withhold for 5 d before procedure	6 h	Withhold for 5-7 d before procedure	Once adequate hemostasis is achieved
Cilostazol	Do not withhold			
Unfractionated heparin	Withhold intravenous heparin for 4-6 h before procedure; check aPTT or anti-Xa level; for subcutaneous heparin, procedure may be performed 6 h after last dose	6-8 h		
Low molecular weight heparin	Enoxaparin, withhold 1 dose if prophylactic dose is used; withhold 2 doses or 24 h before procedure if therapeutic dose is used; check anti-Xa level if renal function impaired; dalteparin, withhold 1 dose before procedure	12 h		
Warfarin	Withhold 5 d until target INR 1.8; consider bridging for high thrombosis risk cases	The day after procedure	3-5 d before high-risk endoscopic procedures Heparin bridging therapy is recommended in patients with high thromboembolic risk	Once adequate hemostasis is achieved
Dabigatran	Withhold 4 doses (CrCl 50 mL/min) or 6-8 doses (CrCl <30-50 mL/min)	24 h	More than 48 h before high-risk endoscopic procedures	Once adequate hemostasis is achieved
Rivaroxaban	Defer procedure until off medication for 2 doses (CrCl 50 mL/min), 2 doses (CrCl <30-50 mL/min), or 3 doses (CrCl <15-30 mL/min)	24 h	More than 48 h before high-risk endoscopic procedures	Once adequate hemostasis is achieved
Apixaban	Withhold 4 doses (CrCl 50 mL/min) or 6 doses (CrCl <30-50 mL/min)	24 h	More than 48 h before high-risk endoscopic procedures	Once adequate hemostasis is achieved
Edoxaban	Withhold for 2 doses	24 h	More than 48 h before high-risk endoscopic procedures	Once adequate hemostasis is achieved

SIR, Society of Interventional Radiology; KSGE, Korean Society of Gastrointestinal Endoscopy; d, days; h, hours; aPTT, activated partial thromboplastin time; INR, international normalized ratio.