

2023 MRG Anticoagulation Guidelines: LOW RISK

NO LABS REQUIRED FOR LOW-RISK PROCEDURES UNLESS ON COUMADIN	ANTICOAGULANT/ANTI-PLATELET	HOLD	RESUME	SPECIAL CONSIDERATIONS	
<p style="text-align: center;">Procedures</p> <p>VASCULAR</p> <ul style="list-style-type: none"> HD access & tunneled central venous catheter removal * IVC filter placement/removal Dx Arteriography: peripheral, embolotherapy Dx Venography: pelvis, extremities Dialysis Access Interventions Trans-jugular liver biopsy <p>NON-VASCULAR</p> <ul style="list-style-type: none"> EXCHANGE/CONVERSION/REMOVAL: (G/GJ/J, GU: PCN/PCNU/suprapubic, biliary, abscess) Superficial abscess drain placement Non-tunneled chest tube placement Non-tunneled venous access/removal <p>SUPERFICIAL (aspiration, fine/core biopsy)</p> <ul style="list-style-type: none"> Breast Extremities / muscle Lymph nodes Thyroid Soft tissue mass Bone Marrow Paracentesis, pericardiocentesis <p>Spine/MSK/Pain</p> <ul style="list-style-type: none"> MSK Joint injection, aspiration Peripheral nerve blocks/ablations Trigger point, SI joint, branch blocks Facet, medial branch nerve : thoracic & lumbar 	<ul style="list-style-type: none"> Aspirin, any dose Clopidogrel (Plavix) Dipyridamole (Aggrenox) Prasugrel (Effient) Ticagrelor (Brillinta) <hr/> <ul style="list-style-type: none"> Enoxaparin (Lovenox) Dalteparin (Fragmin) Tinzaparin (Innohep) <hr/> <ul style="list-style-type: none"> SQ Heparin LMW Heparin Unfractionated Heparin (IV) Bivalirudin (Angiomax) Edoxaban (Savaysa) <hr/> <ul style="list-style-type: none"> Dabigatran (Pradaxa) Argatroban (Acova) Betrixaban (Bevyxxa) <hr/> <ul style="list-style-type: none"> Rivaroxaban (Xarelto) Apixaban (Eliquis) Fondaparinux (Arixtra) Pletal (Cilostazol) 	NO NEED TO HOLD FOR LOW-RISK PROCEDURES			
	<ul style="list-style-type: none"> Warfarin (Coumadin) 	If INR > 3.0	Same day or per bridging schedule	Bridge High RISK	
	<ul style="list-style-type: none"> Cangrelor (Kengreal) 	Defer to prescribing MD Emergent: 1 hour cardio consult	MDB review, cardio consult		
	<ul style="list-style-type: none"> Eptifibatide (Integrilin) Tirofiban (Aggrastat) 	4-8 hours	MDB review		
	<ul style="list-style-type: none"> Abciximab (ReoPro) 	MDB review	MDB review		

*(some removals may require cessation of anticoagulation or lab evaluation prior to removal)

--- Final recommendations per discretion of performing provider. ---

For additional questions, call MRG at (541) 618-5800.

2023 MRG Anticoagulation Guidelines: HIGH RISK

Labs required: CBC, BMP, PT(INR)/PTT Add Fibrinogen level for Cirrhotic w/ INR >1.8 Inpatients: 72 hours Outpatients: 30 days	ANTICOAGULANT/ANTIPLATELET	HOLD	REINITIATE
<p style="text-align: center;">Procedures</p> <p>VASCULAR</p> <ul style="list-style-type: none"> Arterial interventions: Intrathoracic, CNS, mesenteric, aortic, TACE/TARE (Y90) + mapping Arteriography: aortic, pelvic, mesentery Venous interventions (Complex): thoracic/CNS <ul style="list-style-type: none"> Complex IVC filter retrieval Portal vein: TIPS/DIPS, BRTO/PARTO Tunneled: CVCs, HD/Hickman, port placement/removal^ Catheter directed thrombolysis/thrombectomy <ul style="list-style-type: none"> PE, DVT GU Embolization: UAE/UFE, PAE, gonadal vein <p>NON-VASCULAR</p> <ul style="list-style-type: none"> Biliary interventions: biliary drain (PTBD)/stent dilation/upsized, cholecystostomy tube (PCT) placement G/J/GJ tube placement, new PCN/PCNU/"double J" stent placement, new Suprapubic catheter placement, fallopian tube recanalization <p>DEEP (ablation, aspiration, drain, core biopsy)</p> <ul style="list-style-type: none"> Ablations: liver, kidney, MSK, lung Deep Biopsy: liver, kidney, lung, spine, pelvic, intraabdominal/retroperitoneal Drain (abscess): liver/chole, kidney, lung, pelvic, deep abdominal Tunneled drains: pleural/peritoneal <p>SPINE/MSK/NEURO</p> <ul style="list-style-type: none"> Kyphoplasty/vertebroplasty Epidural injections, cervical facet blocks, LP/myelogram, paraspinal/celiac plexus 	Aspirin, any dose	DO NOT HOLD	N/A
	Dipyridamole (Aggrenox)	DO NOT HOLD	N/A
	Clopidogrel (Plavix)	5 days	75 mg: 6 hours or >300 mg: 24 h24 hours
	Ticagrelor (Brillinta)	5 days	
	Enoxaparin (Lovenox) LMWH	Prophylactic: 1 dose Therapeutic: 2 doses	12 hours
	Dalteparin (Fragmin) LMWH	1 dose	12 hours
	Unfractionated Heparin	IV: 4-6 h SQ BID/TID: 6 h	6-8 hours
	Rivaroxaban (Xarelto)	24 hours	24 hours
	Apixaban (Eliquis)	48 hours	24 hours
	Dabigatran (Pradaxa)	48 hours	24 hours
	Fondaparinux (Arixtra) [IV & SQ]	2-3 days	24 hours
	Argatroban (Acova) [IV]	2-4 hours	4-6 hours
	Warfarin (Coumadin)	5 days or target INR <1.8 Hi-risk: bridge*	24 hours Hi-risk: bridge Reversal agent: multidisciplinary board review
	Bivalirudin (Angiomax)	2-4 hours	4-6 hours
	Betrixaban (Bevyxxa)	3 doses	24 hours
	Edoxaban (Savaysa)	2 doses	24 hours
	Abciximab (ReoPro)	Multidisciplinary review	Multidisciplinary review
	Cangrelor (Kengreal)	Defer to prescribing MD, Emergent: 1 hr, cardiology consult	Multidisciplinary review, cardiology consult
	Cilostazol (Pletal)	NO	N/A
	Eptifibatide (Integrilin)	4-8 hours prior	Multidisciplinary review
Tirofiban (Aggrastat)	4-8 hours prior	Multidisciplinary review	
Prasugrel (Effient)	7 days	24 h	
Thoracentesis	outpatient labs: 6 mos. Do not hold Antiplatelets (i.e., Aspirin, Plavix, Aggrenox)		

---- Final recommendations per discretion of performing provider ----

For additional questions, contact Medford Radiological Group at (541) 618-5800.