

Spinal Procedures – Table 2 Management of anticoagulants and antiplatelet medications prior to following interventional spine procedures

DRUG	WHEN TO STOP			WHEN TO RESTART
	High-Risk Procedures	Intermediate-Risk Procedures	High-Risk Procedures	
<u>Aspirin (ASA) & ASA combinations</u>	Primary prophylaxis: 6 d Secondary prophylaxis: overall risk stratification	Overall risk stratification	No	24 h
<u>Non-steroidal anti-inflammatory drug (NSAIDs)</u>		No	No	24 h
Diclofenac	1 d	No	No	24 h
Ketorolac	1 d	No	No	24 h
Ibuprofen	1 d	No	No	24 h
Etodolac	2 d	No	No	24 h
Indomethacin	2 d	No	No	24 h
Naproxen	4 d	No	No	24 h
Meloxicam	4 d	No	No	24 h
Nabumetone	6 d	No	No	24 h
Oxaprozin	10 d	No	No	24 h
Piroxicam	10 d	No	No	24 h
<u>Phosphodiesterase inhibitors</u>				24 h
Cilostazol	2 d	No	No	24 h
Dipyridamole	2 d	No	No	24 h
ASA combinations	Primary prophylaxis: 6 d Secondary prophylaxis: risk stratification	Overall risk stratification	No	24 h
<u>Anticoagulants</u>				
Coumadin	5 d, normal INR (International Normalized Ratio)	5 d, normal INR	No	6 h
Acenocoumarol	3 d, normal INR	3 d, normal INR	No	24 h
IV heparin	6 h	6 h	6 h	2 h
Subcutaneous heparin BID or TID	24 h	6 h	6 h	2 h (low-risk procedures) 6 – 8 h (intermediate & high-risk procedures)
<u>Low molecular weight heparin (LMWH)</u>				
Enoxaparin (prophylactic)	12 h	12 h	12 h	4 h (low-risk) 12 -24 h (intermediate & high-risk procedures)
Enoxaparin (therapeutic)	24 h	24 h	24 h	4 h (low-risk) 12 -24 h (intermediate & high-risk procedures)
Dalteparin	24 h	24 h	24 h	4 h (low-risk) 12 -24 h (intermediate & high-risk procedures)
<u>Fibrinolytic agents</u>	48 h	48 h	48 h	
<u>Fondaparinux</u>	4 d	4 d	Overall risk stratification	6 h (low-risk) 24 h (intermediate & high-risk procedures)
<u>P2Y12 inhibitors</u>				
Clopidogrel	7 d	7 d	No	12 – 24 h
Prasugrel	7 – 10 d	7- 10 d	No	24 h
Ticagrelor	5 d	5 d	No	24 h
Cangrelor	3 h	3 h	Overall risk stratification	24 h
<u>Non-vitamin K antagonist oral anticoagulants (NOACs)</u>				
Dabigatran	4 d	4 d	Overall risk stratification	24 h
Rivaroxaban	3 d	3 d	Overall risk stratification	24 h
Apixaban	3 d	3 d	Overall risk stratification	24 h
Edoxaban	3 d	3 d	Overall risk stratification	24 h
<u>GP IIB/IIIa inhibitors</u>				
Abciximab	2 – 5 d	2 – 5 d	2 – 5 d	8 – 12 h
Eptifibatide	8 – 24 h	8 – 24 h	8 – 24 h	8 – 12 h
Tirofiban	8 – 24 h	8 – 24 h	8 – 24 h	8 – 12 h