

*ASHP assumes no responsibility for documents posted by users of the ASHP shared members resources repository, or for any acts, omissions or other conduct of its users. ASHP does not endorse or provide any representation or warranty with respect to any user or posted document. Users are further referred to the Disclaimer and Limitation of Liability on the ASHP Web page, located at <http://www.ashp.org>, the terms and conditions of which shall govern all uses of the shared member resources repository.*

**UW MEDICINE  
NSAID & COX-2 Agent Selection Guide**

**Individuals at Low Risk for Serious GI Outcomes:**

- Short-term (< 30 days) therapy
- Receiving >30 days of NSAID therapy **AND**
  - No prior history of gastroduodenal ulcer, perforation or bleed
  - Age < 65 years

Agent	Dose Range	Patient Cost (30-Day Supply)
Diclofenac	25-75 mg bid	\$ 5 – 12
Etodolac	200-300 mg tid	\$ 15 – 25
Ibuprofen	400-800 mg bid-tid	\$ 7 – 9
Nabumetone	500-1000 mg bid	\$ 24
Naproxen	250-500 mg bid	\$ 12 – 18
Salsalate	500-1000 mg tid	\$ 12 – 15
Sulindac	150-200 mg bid	\$ 16 – 17

**IF THERAPEUTIC FAILURE OCCURS:**

- Switch to a different agent from the choices above.

**IF NSAID-RELATED DYSPEPSIA OCCURS:**

1. Switch to a different agent from the choices above.
2. Consider adding a H2-antagonist (e.g. ranitidine)
3. Consider adding a PPI (e.g. pantoprazole, lansoprazole)

**Note: The recommendations made in these guidelines did not take into account third party payor reimbursement considerations.**

**UW MEDICINE**  
**NSAID & COX-2 Agent Selection Guide**

**Individuals at High Risk for Serious GI Outcomes:**

- Gastroduodenal bleed, ulcer or perforation within 5 years
- Age >65 years AND requiring >30 days of NSAID therapy  
 -Consider presence of other factors (i.e., glucocorticoid therapy, severe systemic disease) that may increase the risks of adverse GI outcomes.

Agent	Dose Range	Patient Cost (30 day supply)
<b>Non-selective NSAID + PPI<sup>#</sup></b>	Non-selective NSAID	NSAID \$ 7 – 25
	Lansoprazole 30 mg qd	+ PPI \$
	Pantoprazole 40 mg qd	Total = \$
<b>Celecoxib (Celebrex<sup>R</sup>)</b>	100 - 400 mg daily (doses >200 mg divide bid)	\$ 51 – 170 (Average = \$ 100)

<sup>#</sup>Utilization of a PPI in combination with a traditional NSAID agent may improve tolerability and decrease the risk of serious GI events.

\*\*\*\*\*

**For Individuals at Increased Risk of Bleeding:**

- Patients taking **anticoagulant medications** (i.e., warfarin)
- Within 24 hours pre/post a **procedure** with significant bleeding risk.

	Agent	Dose Range	Patient Cost (30-Day Supply)
1 <sup>st</sup>	<b>Salsalate</b>	500-1000 mg tid	\$ 12 - 15
	<b>Nabumetone</b>	500-1000 mg bid	\$ 13 - 21
2 <sup>nd</sup>	<b>Celecoxib (Celebrex<sup>R</sup>)</b>	100 - 400 mg daily (>200 mg divide bid)	\$ 51-170 (Average \$100)