

Warfarin and its MANY interactions!

Drugs that potentiate warfarin → Increase Bleeding Risk^{1,2}

DRUG	RECOMMENDATIONS/COMMENTS
Acetaminophen	↓ acetaminophen dose to lowest necessary • Consider alternative analgesic
Alternative Meds (ginkgo, fenugreek, etc.)	Weigh benefit of Comprehensive/Alternative Medicine (CAM) vs. ↑ risk of bleeding
Amiodarone	Consider ↓ warfarin 30-50% • ↑ INR monitoring if adjusting amiodarone dose
Antibiotics (select: ciprofloxacin, clarithromycin, erythromycin, metronidazole, trimethoprim-sulfamethoxazole, etc.)	Consider alternative antibiotic if supported by Culture/Sensitivity Consider ↓ warfarin ≤ 20% at start of abx therapy ↑ INR monitoring around abx course
Antifungals (fluconazole, miconazole)	Consider ↓ warfarin dose 10% to 20% ↑ INR monitoring around antifungal course
Antiplatelet Agents (aspirin, clopidogrel, etc.)	↑ monitoring for INR and signs/symptoms of bleeding
NSAIDs (ibuprofen, celecoxib, naproxen, etc.) "Anti-inflammatory Agents"	Avoid simultaneous use if possible • COX-2-inhibitor preferable
PPIs (lansoprazole, omeprazole, etc.)	↑ INR monitoring
SSRIs (citalopram, fluoxetine, etc.) "Antidepressants"	↑ INR monitoring

Don't Forget About Food Interactions!

Increase Bleeding Risk	Increase Clotting Risk
Vitamin E (E.g., supplements, coconut oils, seeds)	Cruciferous Vegetables Leafy greens rich in vitamin K (E.g., spinach)
Cranberry Juice	Black Licorice
Alcohol (acute ingestion)	Alcohol (chronic ingestion)

Drugs that attenuate warfarin → Increase Clotting Risk^{1,2}

DRUG	RECOMMENDATIONS/COMMENTS
Alternative Meds (St. John's Wort)	Weigh benefit of CAM product vs. ↑ risk of clotting Avoid simultaneous use if possible Monitor for decreased anticoagulant effects
Estrogen derivatives	Weigh prospective benefits of estrogen derivatives vs. ↑ risk of clotting Management of interaction may differ depending on the indication for hormone treatment (e.g., for hormone replacement therapy vs. contraception). ↑ INR monitoring around hormone therapy if used concurrently.
Metformin	↑ INR monitoring Warfarin potentiates Metformin • Must ALSO monitor for hypoglycemia
Ritonavir	↑ INR monitoring May need to substantially ↑ warfarin dose

The 8 A's of Warfarin Interactions!³

Acetaminophen • Alternative Meds • Amiodarone • Antibiotics • Antifungals • Antiplatelet Agents • Anti-inflammatory Agents • Antidepressants

This reference is NOT all inclusive, and information presented is for general informational purposes only. Any changes in therapy must be discussed with the prescriber first

1. Ament PW, Bertolino JG, Liszewski JL. Clinically significant drug interactions. Am Fam Physician. 2000;61(6):1745-1754.
2. Lexicomp Online, Lexi-Drugs Online, Warfarin; August 3rd, 2020.
3. Juurlink DN. Drug interactions with warfarin: what clinicians need to know. CMAJ. 2007;177(4):369-371. doi:10.1503/cmaj.070946

