

DRUG-SUPPLEMENT INTERACTIONS: AN OVERVIEW

As the popularity of supplement use continues to escalate, health care professionals should ensure that patients are aware of the potential for drug-supplement interactions. It is important for pharmacists to be able to identify patients who are most at risk. Risk factors for poor outcomes from drug interactions include use of multiple medications and/or supplements, older age, inadequate kidney or liver function, and the use of medications with narrow therapeutic indexes. Patients with these risk factors should be targeted for interventions to prevent drug interactions with supplements.

Upon completion of this course, pharmacists and pharmacy technicians will be able to:

- Define the term “dietary supplement.”
- Describe the regulatory status of dietary supplement in the United States.
- Describe the prevalence of dietary supplement use in the United States.
- List determinants of dietary supplement use.
- List risk factors for drug-supplement interactions.
- List risk factors for major drug-supplement interactions.
- Identify potential pharmacodynamic interactions between dietary supplements and drugs.
- Identify potential pharmacokinetic interactions between dietary supplements and drug.
- List dietary supplements that have the potential to interact with warfarin.
- Describe the effect of St. John’s wort on drugs metabolized by cytochrome P450 3A4.
- Describe steps that can be taken to reduce the risk of potential drug-supplement interactions.

Authors: Gregory Phillip, Pharm. D

Contact Hours: 3 Hours

Activity Type: Knowledge-Based Home Study

Instructional Methods: Online Independent Self-Study (Training + Post-Test)

Target Audience: Pharmacists & Pharmacy Technicians

Cost: \$25 / Participant

UAN: Pharmacist: 0384-9999-19-107-H01-P Technicians: 0384-9999-19-107-H01-T

Release Date: 05/13/2019 **Expiration Date:** 05/13/2022



Course Completion Certificate: A minimum passing score of 70% is required for course completion. A Printable (PDF) Certificate By Email. Credit will be reported to CPE monitor within 30 days of completion.

National Pharmacy Technician Association (NPTA) is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing education.

Biologix Solutions LLC is approved as a Joint Provider of continuing pharmacy education by NPTA.

Disclaimers: Mr. Phillip has no actual or potential conflict of interest in relation to this program. This program received no commercial support and has been peer-reviewed to ensure non-commercialization.

Cancellation / Refund Policy: By completing your purchase from Biologix Solutions LLC through PayPal, you agree that you are purchasing digital, non-tangible product / service / training courses, and as such are not entitled to a refund once accessed. If you have any questions, please feel to contact us by phone or email before purchasing online course.