Intro to WVU Libraries Research Services and Resources

Susan J. Arnold, MS, MLIS, RD, AHIP
July 2, 2018
Library Home Page

• [http://lib.wvu.edu/healthsciences](http://lib.wvu.edu/healthsciences)

• Easy access to:
  • Major databases such as PubMed, CINAHL, and Clinical Key
  • Main library search tool
  • Electronic Journals
  • Document Delivery (ILLiad)
    • Request books and journal articles through interlibrary loan
    • Request books/journals from the Health Sciences Library stacks or off-site Depository
    • Request books/DVDs from other libraries on campus

• Our chat/text reference service (Ask-A-Librarian)
Information

The Health Sciences Library supports the schools of Medicine, Nursing, Pharmacy, Dentistry and Public Health at the [WWU Robert C. Byrd Health Sciences Center](#).
http://libguides.wvu.edu/dentistry
HSL covers the chat service:

- 9:00-11:00 AM
- 4:30-6:00 PM daily
How Do I Know if You Have a Particular Journal?

• If you are searching in databases, use the **Find it @ WVU Libraries** icon

• If you already have a citation:
  • use the **E-Journals** tab with the main search box to look for the journal OR
  • try typing (or copying/pasting) the article title into the main search box and choose the **Articles** tab
  • Try putting the article title into Google Scholar and then follow the **Find It @ WVU Libraries** link
Citation: Dietary supplement interactions with medications used commonly in dentistry. *JADA*. July 2013. 144(7): 787-794.
1. **Dietary supplement interactions with medications used commonly in dentistry**
   
   By Mark Donaldson, Riva Topper-Decker
   
   Peer-reviewed | No other editions or formats
   
   Source: The Journal of the American Dental Association v144 n7 (July 2013): 797-794

   Because nearly 70 percent of prescription drug users do not discuss their dietary supplement use with their health care providers, clinicians must be proactive in questioning patients about... Read More

   Held by: WVU Libraries

2. **Potential drug interactions with dietary and herbal supplements during hospitalization**
   
   By Reza Levy, Samuel Atlas, Fran Ben-Arye, Lee Goldstein, Edad Schiff
   
   Article 2017 | Peer-reviewed | No other editions or formats
   
   Source: Journal of the Italian Society of Internal Medicine v12 n3 (2017(4)): 301-319

   Dietary and herbal supplements (DHS) are widely used in the general population, including during hospitalization. Yet, their potential interactions with prescription drugs have seldom been d... Read More

   Held by: WVU Libraries

3. **Adverse events associated with interactions with dietary and herbal supplements among inpatients**
   
   By Reza Levy, Samuel Atlas, Fran Ben-Arye, Lee Goldstein, Edad Schiff
   
   Article 2017 | Peer-reviewed | No other editions or formats
   
   Source: British Journal of Clinical Pharmacology v73 n4 (April 2017): 836-845

   Aims: Dietary and herbal supplements (DHS) are commonly used among inpatients and may cause interactions with drugs or other DHS. This study explored whether adverse events were actually ass... Read More

   Held by: WVU Libraries
Dietary supplement interactions with medications used commonly in dentistry

Mark DeSalvo, BSP, PharmD, FASHP, FACHE; Rice Teague-Decker, PhD, RD, FADA

According to the National Institutes of Health, more than one-third of all Americans take dietary supplements.1 The U.S. Food and Drug Administration defines a dietary supplement as a product intended to supplement the diet, including vitamins, minerals, herbs or other botanicals.2 Dietary supplements can be found in many forms such as capsules, tablets or liquids.3 In 2009, sales of multivitamins and minerals accounted for $4.8 billion of the estimated $20 billion spent in the United States on dietary supplements.4 As many as 20 percent of prescription drug users also use nonvitamin dietary supplements.5 Adverse drug events including those caused by diet, dietary supplement- and drug-drug interactions likely will increase as Americans live longer, experience greater numbers of chronic conditions and take more medications to manage obesity.6 According to a 2006 report from the Slone Epidemiology Center, among adults 65 years or older, 57 to 59 percent took five to nine medications per week and 17 to 19 percent took 10 or more medications.

ABSTRACT

Background. Because nearly 70 percent of prescription drug users do not discuss their dietary supplement use with their health care providers, clinicians must be proactive in questioning patients about their use of these agents. A complete and accurate pharmacological history will help clinicians avoid potential interactions between dietary supplements and drugs.

Methods. The authors reviewed the literature regarding interactions between popular dietary supplements and medications used commonly in dentistry. They used clinical databases and decision support tools to classify interactions according to their level of risk to the patient. The authors address the interactions of greatest clinical concern with a high-quality evidence-based foundation in either randomized controlled clinical trials or meta-analyses.

Conclusions. Provided that patients are not taking griseofulvin, St. John’s wort, rosiglitazone or valproic acid, oral health care providers can prescribe or administer any of the medications used commonly in dentistry without concern about possible dietary supplement-drug interactions.

Practical Implications. Recognition and avoidance of potential interactions between dietary supplements and drugs will help clinicians optimize treatment while emphasizing patients’ safety.

Key Words. Diet; dietary supplement; drug; interactions; dentistry.

JADA 2013;144(7):787-794.
Dietary supplement interactions with medications used commonly in dentistry

M. Donaldson, R. Touger-Decker - The Journal of the American Dental Assoc... 2013 - Elsevier

Background: Because nearly 70% of prescription drug users do not discuss their dietary supplement use with their health care providers, clinicians must be proactive in questioning patients about their use of these agents. A complete and accurate pharmacological history will help clinicians avoid potential interactions between dietary supplements and drugs.

Methods: The authors reviewed the literature regarding interactions between popular dietary supplements and medications used commonly in dentistry. They...

Cited by 18 Related articles All 8 versions Web of Science: 12

Showing the best result for this search. See all results
Dietary supplement interactions with medications used commonly in dentistry

Authors: M Donaldson
Publication: Journal of the American Dental Association, The - JADA, Volume 144 , Issue 7 , Page(s):787
Published: American Dental Association , 2013
ISSN: 0022-0317

Full text availability for this item

View Full Text

Journal: Journal of the American Dental Association, The - JADA
Collection: Elsevier Clinical Updates
Coverage: 2007-01-present; volume 136-present; issue 1-present

View Full Text

Journal: Journal of the American Dental Association, The
Collection: Elsevier ScienceDirect Journals
Coverage: 1995-09-present; volume 120-present

View Full Text

Journal: Journal of the American Dental Association, The
Collection: Elsevier Clinical Updates
Coverage: 2007-01-present; volume 136-present; issue 1-present

Request a copy of this item

Request: ILLiad

Cite this item

Dietary supplement interactions with medications used commonly in dentistry
M Donaldson
Journal of the American Dental Association, The - JADA 144(7):787
American Dental Association 2013
0022-0317
Dietary supplement interactions with medications used commonly in dentistry

Mark Donaldson BSc, PharmD, FASHP, FACHE and Niva Touger-Decker PhD, RD, FADA
The Journal of the American Dental Association (JADA), 2013-07-01, Volume 144, Issue 7, Pages 787-794, Copyright © 2013 American Dental Association

ABSTRACT

Background

Because nearly 70 percent of prescription drug users do not discuss their dietary supplement use with their health care providers, clinicians must be proactive in questioning patients about their use of these agents. A complete and accurate pharmacological history will help clinicians avoid potential interactions between dietary supplements and drugs.

Methods

The authors reviewed the literature regarding interactions between popular dietary supplements and medications used commonly in dentistry. They used clinical databases and decision support tools to classify interactions according to their level of risk for the patient. The authors address the interactions of greatest clinical concern with a high-quality evidence-based foundation in either randomized controlled clinical trials or meta-analyses.

Conclusions

Provided that patients are not taking ginkgo, St. John's wort, evening primrose or valerian, oral health care providers can prescribe or administer any of the medications used commonly in dentistry without concern about possible dietary supplement–drug interactions.

Practical Implications: Recognition and avoidance of potential interactions between dietary supplements and drugs will help clinicians optimize treatment while emphasizing patients' safety.
To get started:

- Download the free app from your app store
- Find West Virginia University in the list of schools
- Logon with your WVU MyID
- Browse by title or subject to find journals and content of interest
- Save articles to read later

| ✔ | Easily read complete scholarly journals in a format that is optimized for tablet devices |
| ✔ | Create a personal bookshelf of favorite journals |
| ✔ | Be alerted when new editions of journals are published |
| ✔ | Easily save to Zotero, Mendeley, Dropbox and other services |

BrowZine

A nice app for viewing our e-journals on your tablet/smartphone

West Virginia University
BrowZine also works with our main e-journal search now
Clicking the Databases tab and then clicking Databases by Subject will give you the following screen:
• Start at http://lib.wvu.edu/healthsciences
• Select PubMed to the right of the map
• Display your search results in the Abstract format
• Find It @ WVU Libraries icons will indicate whether or not WVU has the journal in electronic format

• If this icon doesn’t provide any link to the article, you can drop down to the Request: ILLiad button and order it through document delivery
Tips for Searching PubMed

• Use Filters to your advantage:
  • English, Humans
  • Limit to “Title” or “Title/Abstract” under Search Fields
  • Date of publication (last 5 years)
• Use the Similar Articles link when you find a good article
• Don’t forget about Medical Subject Headings (MeSH)
• Use the Abstract view to see MeSH terms and the top 5 similar articles to a particular citation
The effect of one-time abutment placement on interproximal bone levels and peri-implant soft tissues: a prospective randomized clinical trial.

Material and methods: Platform-switched implants were placed in the posterior maxilla or mandible of partial edentulous patients and they were randomized to receive the definitive abutment at the moment of implant placement, or 6-12 weeks later. Radiographic assessment of vertical bone level changes (primary outcome), clinical status of peri-implant tissues, changes in soft tissues margin, papilla filling, patient-related outcomes and adverse events were assessed 6 and 12 months after loading.

Results: 60 implants were placed in 40 patients, replacing single or multiple absent teeth. One implant was lost 1 week after insertion (overall survival rate: 96.3%). A statistically significant greater bone resorption from surgery to 6 months post-loading was observed for those implants subjected to abutment change (control group: -1.24 ± 0.79 mm; test group: -0.61 ± 0.40 mm; p = 0.028). Periodontal clinical parameters and patient-related outcomes, however, did not demonstrate significant differences between groups at any time point. A significant increase in papilla height was observed from loading to 12 months in all implants (control group: 1.17 ± 1.47 mm; test group: 0.96 ± 0.66 mm) and a slight but not significant coronal migration of the gingival margin.

Conclusions: The connection and disconnection of healing abutments is associated with significantly increased bone loss during the healing period between implant placement and 6 months post-loading, when compared to one-time abutment placement.

© 2016 John Wiley & Sons A/S. Published by John Wiley & Sons Ltd.

Keywords: alveolar bone loss, dental implant-abutment design, dental implants; patient outcome assessment, platform switching; randomized controlled trial.
Any available links to full-text should be here

If there are no full-text links, click the Request: ILLiad button
Example of **Abstract** view with the top 5 similar articles to this citation.
PubMed Single Citation Matcher

Use this tool to find PubMed citations. You may omit any field.

Journal • Help

Journal of the American Dental Association (1939)

Date

2009 (month and day are optional)

Details

Volume

Issue

First page

Author name • Help

Limit authors

- Only as first author
- Only as last author

Title words

preventing dental caries

Search Clear form
Use **My NCBI** to save searches and set up email alerts/subject updates from PubMed
Saved Searches in My NCBI

Can select a search by checking it and then see what is new since the last time.
Example of a monthly email subject alert from PubMed

Radiographic evaluation of conical tapered platform-switched implants in the posterior mandible: 1-year results of a two-center prospective study.

Mourad MF, Rocha S, Messias A, Nicolas P, Guerra F, Wanner W.

OBJECTIVE:

Long-term success of dental implants depends on healthy peri-implant soft tissues and adequate bone levels. This prospective study aims to assess bone level changes around implants with internal conical connections and platform-switching abutments in the posterior mandible.

MATERIAL AND METHODS:

Adult patients missing at least two teeth in the posterior mandible and with a natural tooth mesial to the implant site received two or three adjacent internal conical connection implants. After a minimum transmucosal healing period of 8 weeks, single crown restorations were cemented over platform-switching abutments. Changes in marginal bone levels were measured in standardized periapical radiographs from surgery and loading (baseline) to 12 months post-loading.

RESULTS:

Twenty-four patients received 52 implants. Bone remodeling took place between surgery and loading (-0.53 ± 0.40 mm). From loading to 12 months, there was a mean bone gain of 0.12 ± 0.42 mm which occurred mainly in the first 6 months after prosthesis delivery (0.11 ± 0.36 mm) and stabilized afterward. A total of 71.7% of all implants presented bone preservation or gain. No implant was lost at 1 year and the success rate was 100%. Patient inquiry revealed high satisfaction.

CONCLUSION:

Internal conical connection implants with platform-switching abutments presented high success rate and enhancement or preservation of marginal bone levels after 1 year of loading.
### Clinical Study Categories

**Category:** Therapy  
**Scope:** Broad

### Systematic Reviews

**Results: 6 of 24**  
Recurrent uncomplicated cystitis in women: allowing patients to self-initiate antibiotic therapy.  
[No authors listed]  

Recurrent uncomplicated cystitis in women.  

Cranberries for preventing urinary tract infections.  

Consumption of sweetened, dried cranberries may reduce urinary tract infection incidence in susceptible women—a modified observational study.  
*Barrage AE, Bandi SM, McNamara SE, Reed JD, Kneisler CG, Hopkins WU.*  
*Epub* 2013 Oct 18.

Cranberry products and prevention of urinary tract infections.  
*Jepson R, Craig I, Williams G.*  

Stable binding of alternative protein-antibody food matrices with concentrated cranberry bioflavonoids for functional food applications.  
*Epub* 2013 Jul 1.

### Medical Genetics

**Results: 4 of 4**  
Cranberry constituents affect fructosyltransferase expression in *Streptococcus mutans.*  

Effects of cranberry juice on uropathogenic *Escherichia coli* in vitro biofilm formation.  
*Mihranda P, Agin P, Gaskard JL, Denys P.*  

Recurrent urinary tract infections.  
*Franco AV.*  
*Epub* 2005 Nov 17.

Rheumatoid arthritis: proposal for the use of anti-microbial therapy in early cases.  
*Ehringer A, Rash J, Wilson C.*  

This column displays citations pertaining to topics in medical genetics. See more [here](http://example.com).
Biologic interventions for fatigue in rheumatoid arthritis
Celia Almeida, Ernest HS Choy, Sarah Hewlett, John R Kirwan, Fiona Cramp, Trudie Chalder, Jon Pollock, Robin Christensen
6 June 2016

Psychological preparation and postoperative outcomes for adults undergoing surgery under general anaesthesia
Rachael Powell, Neil W Scott, Anne Manyande, Julie Bruce, Claus Vogele, Lucie MT Byrne-Davis, Mary Unsworth, Christian Osmer, Marie Johnston
26 May 2016

Induction of labour at or near term for suspected fetal macrosomia
Michel Bouvier, Olivier Iiron, Therese Dowswell, Jim G Thornton
22 May 2016
Browse by Topic: Dentistry & Oral Health
Great resource for clinical topics!
• 1,200 reference books; 21 specific for Dentistry
• 600 journals
• Practice guidelines
• Drug monographs
• Patient education materials
Browse Books

Filter By:

Specialties

Dentistry

Advanced Basic Science

Allergy and Immunology

Anatomy

Anesthesia

Biochemistry

Cardiothoracic Surgery

Cardiovascular

Critical Care

Dermatology

Embryology

Emergency

Endocrinology and Metabolism

Epidemiology/Medical Statistics

Family Medicine

Gastroenterology and Hepatology

General Nursing

Genetics

Hematology

Hematology, Oncology, and Transplantation

Carranza’s Clinical Periodontology

Clinical Review of Oral and Maxillofacial Surgery

Cohen’s Pathways of the Pulp

Color Atlas of Dental Implant Surgery

Current Therapy in Orthodontics

Diagnosis and Treatment Planning in Dentistry

Endodontics: Principles and Practice

Esthetic Dentistry: A Clinical Approach to Techniques and Materials

Implant Dentistry

Little and Falace’s Dental Management of the Medically Compromised Patient

Little and Falace’s Dental Management of the Medically Compromised Patient

McCraken’s Removable Partial Prosthodontics

McDonald and Avery’s Dentistry for the Child and Adolescent

Featured Books

Abeloff’s Clinical Oncology

Current Surgical Therapy
• **Academic Search Complete**  
  (broad subject coverage; excellent for full-text articles)

• **Alt HealthWatch**  
  (alternative/complementary medicine)

• **CINAHL with Full-Text**  
  (Cumulated Index of Nursing and Allied Health Literature)

• **Health & Psychosocial Instruments (HaPI)**  
  (measurement instruments--questionnaires, rating scales)

• **MEDLINE**  
  (same database as PubMed)

• **PsycINFO**  
  (excellent for psychology-related articles)

• **PsycARTICLES**  
  (full-text only; may miss citations if use this instead of PsycINFO)

• **SPORTDiscus with Full-Text**
Use Find it @ WVU to locate or order articles not available in Full-Text.
Set up Google Scholar to work with EndNote by using “Settings”
EndNote works with Google Scholar

Change Bibliography Manager to **EndNote** and **Save**
Example of Advanced Search Screen
Nice features of Google Scholar
Log in with your WVU MyID username and password

Articles will be delivered electronically to your wvu.edu email account usually within 1-2 days (sometimes within hours!)

You will receive an email when your article has arrived; log in to ILLiad and go to View—My PDF Articles
ILLiad Login Screen to register or log in

http://illiad.lib.wvu.edu/
This table will list all of your articles that have arrived.
Open Access Publishing Assistance

- WVU Libraries Open Access Author Fund
  - Journal has to meet criteria on OAAF webpage
  - $1,000 maximum award

- Hindawi Journals (www.hindawi.com)
  - WVU authors pay no article processing charges

- BioMed Central journals
  - WVU authors receive a 15% discount on APCs

- MDPI Journals
  - WVU authors receive a 10% discount on APCs
Questions??

• Now

• Future:
  • Susan.Arnold@mail.wvu.edu
  • (304) 293-2105

• HSL Circulation Desk: 293-1933

• HSL Reference Desk: 293-6810

• Chat/Text Reference: http://westvirginia.libanswers.com/

• Text Reference Number: 304-220-0919

• Dentistry Research Guide: http://libguides.wvu.edu/dentistry