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2017 MARCH-APRIL No. 415

Issue in Process

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NNLM Webinar: Five Questions You Can Answer Using the NCBI Nucleotide Database

NNLM Webinar: Five Questions You Can Answer Using the NCBI Nucleotide Database. NLM Tech Bull. 2017 Mar-Apr;(415):b7.

2017 April 26 [posted]

On May 17, 2017, at 1:00 PM EDT, NCBI will present the Webinar, "Five Questions You Can Answer Using the NCBI Nucleotide Database."

The Nucleotide database from NCBI contains nucleotide sequences from humans, model organisms, and a wide variety of other organisms. The database contains original data submitted by scientists from around the world as well as NCBI-curated reference sequences.

In this Webinar you will learn about the Nucleotide database and how to use it to answer the following questions:

- How do I find a nucleotide sequence for a specific gene or specific organism?
- How do I find complete genomic sequences?
- What is the coding region of a sequence?
- What genes have been identified in a particular sequence?
- How do I extract sequence data, for use at my institution?

A basic familiarity with genetics vocabulary will be helpful in understanding this Webinar. For a review, see *The New Genetics*, an educational booklet by the National Institute of General Medical Sciences (NIGMS).

Presenters:

Peter Cooper and Bonnie Maidak, NCBI

Date and time: Wednesday, May 17, 2017, 1:00PM – 2:00PM EDT

To register: <https://nnlm.gov/class/5-questions-you-can-answer-using-ncbi-nucleotide-database/7460>

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NLM Webinar: Insider's Guide to Accessing NLM Data: Welcome to E-utilities for PubMed.

NLM Webinar: Insider's Guide to Accessing NLM Data: Welcome to E-utilities for PubMed. NLM Tech Bull. 2017 Mar-Apr;(415):b6.

2017 April 11 [posted]

On May 2, 2017, the National Library of Medicine (NLM) will present the Webinar: Insider's Guide to Accessing NLM Data: Welcome to E-utilities for PubMed.

Want to do more with PubMed?

Want to extract just the PubMed data you need, in the format you want?

Dreaming of creating your own PubMed tool or interface, but don't know where to start?

Join us on Tuesday, May 2, 2017 at 1:00 pm EDT for a one-hour introductory Webinar designed to teach you more powerful and flexible ways of accessing NLM data, starting with the Application Programming Interfaces (APIs) for PubMed and other NCBI databases.

This presentation is part of the Insider's Guide, a series aimed at librarians and other information specialists who have experience using PubMed via the traditional Web interface, but now want to dig deeper. This class will start with the very basics of APIs, before showing you how to get started using the E-utilities API to search and retrieve records from PubMed. The class will also showcase some specific tools and utilities that information specialists can use to work with E-utilities, helping to prepare you for subsequent Insider's Guide classes. We will finish by looking at some practical examples of E-utilities in the real world, and hopefully inspire you to get out and put these lessons to use!

Date and time: Tuesday, May 2, 2017, 1:00 pm – 2:00 pm EDT

To register or for more information go to: <https://goo.gl/p2FfV5>

Questions? Contact us at <https://dataguide.nlm.nih.gov/contact>

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RxNorm Completes the Prescribable Names Project

RxNorm Completes the Prescribable Names Project. NLM Tech Bull. 2017 Mar-Apr;(415):b5.

2017 April 04 [posted]

The April full monthly RxNorm release, available as of April 3, 2017, includes Prescribable Names (PSN).

The National Library of Medicine (NLM) is delighted to announce that the April 2017 RxNorm monthly release contains Prescribable Names (TTY=PSN) for all RxNorm normal forms for active human drugs sold in the United States (US) with a few exceptions. Drugs without PSNs include allergenic extracts and certain forms containing three or more ingredients. PSNs are user-friendly synonyms of RxNorm SCD/SBD/GPCK/BPCK concepts and are meant to be used as display names in e-prescribing systems. Unlike other RxNorm synonyms (TTY=SY and TTY=TMSY), there can only be a single PSN associated with an RxNorm concept (i.e., RXCUI). RxNorm editors create PSNs based upon the drug packaging in the Structured Product Labels (SPLs) on DailyMed. PSNs may contain common ingredient abbreviations and Tall Man lettering, and their strengths may not be normalized as they are in the SCD/SBD/GPCK/BPCK names.

PSNs were first introduced in the July 2014 release of RxNorm. NLM would like to thank the US Department of Veterans Affairs, Veterans Health Administration (VHA) for help with funding this project, and the National Council For Prescription Drug Programs (NCPDP) for help with organizing content discussions with stakeholders. The addition of PSNs to RxNorm is a major step towards improving the efficiency and accuracy of drug information management in e-prescribing systems.

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RxNorm Adds Centers for Disease Control and Prevention Vaccines Administered Data

RxNorm Adds Centers for Disease Control and Prevention Vaccines Administered Data. NLM Tech Bull. 2017 Mar-Apr;(415):b4.

2017 March 07 [posted]

The National Library of Medicine (NLM) is pleased to announce the addition of CVX (Vaccines Administered) as a new data source to RxNorm.

The addition of CVX data to RxNorm helps facilitate the electronic exchange of vaccine information in electronic health records. CVX includes both active and inactive vaccines available in the United States. CVX codes for inactive vaccines allow electronic transmission of historical immunization records. CVX is maintained and developed by the Centers for Disease Control and Prevention (CDC), National Center of Immunization and Respiratory Diseases (NCIRD).

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NNLM Webinar: "What's New in Post-Publication Activities in PubMed" on March 15, 2017

NNLM Webinar: "What's New in Post-Publication Activities in PubMed" on March 15, 2017. NLM Tech Bull. 2017 Mar-Apr;(415):b3.

2017 March 06 [posted]

On March 15, 2017, join Hilda Bastian from the National Center for Biotechnology Information (NCBI) for a discussion of the changing visibility and accessibility of post-publication activity in PubMed.

This Webinar is presented as part of the PNR Rendezvous monthly Webinar series from the Pacific Northwest Region of the National Network of Libraries of Medicine (NNLM).

Date and time: Wednesday, March 15, 2017, 4:00 PM ET and 1:00 PM PT

To join, go to: <https://nnlm.gov/class/retracted-articles-pubmed/6689>

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March 2017 US Edition of SNOMED CT Release Available

March 2017 US Edition of SNOMED CT Release Available. NLM Tech Bull. 2017 Mar-Apr;(415):b2.

2017 March 02 [posted]

The March 2017 US Edition of SNOMED CT is now available for download by UMLS Licensees from the UMLS Terminology Services (UTS). The release contains SNOMED CT files in Release Format 2 (RF2) only, distributed in a zipped file.

In addition to 490 new concepts specific to the US, the March 2017 US Edition of SNOMED CT also contains all of the content from the January 2017 International Release of SNOMED CT. The release also includes the SNOMED CT to ICD-10-CM map (version 20170301).

Please note

The new file naming convention of the March 2017 US Edition, follows the new SNOMED CT International Edition Release:

- SnomedCT_USEditionRF2_Production_20170301T120000.zip

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PubMed Subject Filter Strategies Updated for 2017

PubMed Subject Filter Strategies Updated for 2017. NLM Tech Bull. 2017 Mar-Apr;(415):b1.

2017 March 01 [posted]

PubMed subject filter strategies are reviewed each year to determine if modifications are necessary. Modifications may include revisions due to changes in Medical Subject Heading (MeSH) vocabulary or MEDLINE journals, adding or deleting terms, and changing parts of a strategy to optimize retrieval. The following subset strategies were recently revised:

- AIDS
- Bioethics
- Cancer
- Complementary Medicine
- Dietary Supplements
- Systematic Reviews
- Toxicology

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Adding MeSH URIs to NLM Catalog Records

Boehr D. Adding MeSH URIs to NLM Catalog Records. NLM Tech Bull. 2017 Mar-Apr;(415):e5.

2017 April 26 [posted]

As part of the library community's effort to prepare current bibliographic data for the eventual transfer to a linked data environment, the National Library of Medicine (NLM) will be adding Uniform Resource Identifiers (URI) to the MeSH subject fields in its catalog records. The URIs will be recorded in the \$0 of the MARC 21 650, 651 and 655 fields and provide a machine actionable link to the MeSH RDF records for each subject.

The URIs will be in this format: <https://id.nlm.nih.gov/mesh/D015242>. The example is for the MeSH descriptor Ofloxacin.

For more information about MeSH RDF, see Medical Subject Headings (MeSH) RDF Linked Data (beta).

These data will be distributed to subscribers of the NLM catalog record data: Catfile, CatfilePlus and Serfile. We anticipate the updated catalog records will be distributed in summer 2017. Once the date is finalized NLM will alert the community with the exact information. As virtually every catalog record in the NLM database will be updated, subscribers should expect to receive very large files at that time.

Subscribers should prepare for this change by determining how their systems will handle the new subfields and if they want to store and/or display this information in their local catalogs. Because the URI is meant for machine-processing, rather than human consumption, NLM has chosen not to display this subfield in its default views in LocatorPlus or the NLM Catalog. It will, however, be visible in the MARC view of LocatorPlus (see figures 1 and 2) and the XML view of the NLM Catalog (see figures 3 and 4).

While the actionable URI will be distributed to OCLC in \$0 the data will be stored by OCLC behind the scenes and not be visible in OCLC records. It will not be exportable from OCLC. The OCLC \$0 only displays the MeSH authority control number, for more information see *MeSH Identifiers in OCLC Records*.

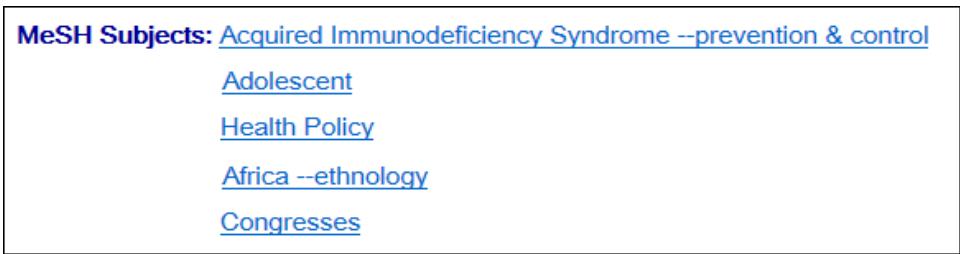


Figure 1: LocatorPlus — Detailed View.

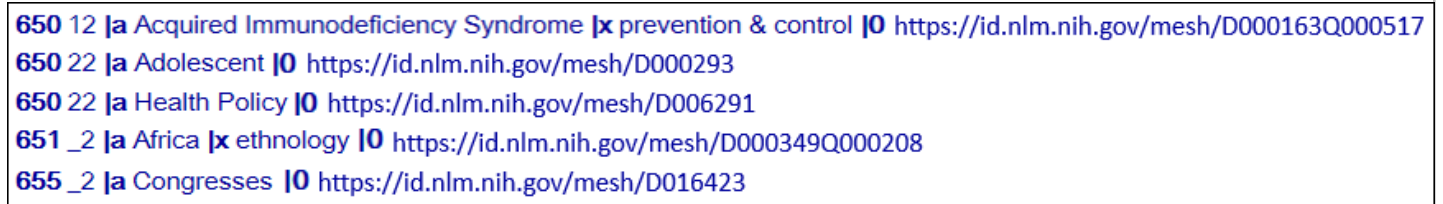


Figure 2: LocatorPlus — MARC View.

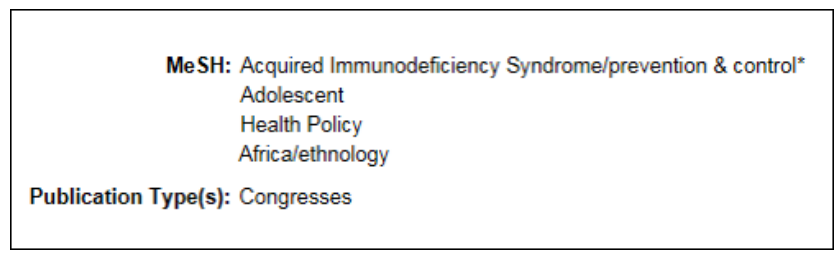


Figure 3: NLM Catalog — Full display.

```

<MeshHeadingList>
  <MeshHeading UI= https://id.nlm.nih.gov/mesh/D000163Q000517>
    <DescriptorName MajorTopicYN="N">Acquired Immunodeficiency Syndrome</DescriptorName>
    <QualifierName MajorTopicYN="Y">prevention & control</QualifierName>
  </MeshHeading>
  <MeshHeading UI= https://id.nlm.nih.gov/mesh/D000293>
    <DescriptorName MajorTopicYN="N">Adolescent</DescriptorName>
  </MeshHeading>
  <MeshHeading UI= https://id.nlm.nih.gov/mesh/D0006291>
    <DescriptorName MajorTopicYN="N">Health Policy</DescriptorName>
  </MeshHeading>
  <MeshHeading UI= https://id.nlm.nih.gov/mesh/D000349Q000208>
    <DescriptorName MajorTopicYN="N">Africa</DescriptorName>
    <QualifierName MajorTopicYN="N">ethnology</QualifierName>
  </MeshHeading>
</MeshHeadingList>
<PublicationTypeList>
  <PublicationType UI= https://id.nlm.nih.gov/mesh/D016423>Congresses</PublicationType>
</PublicationTypeList>

```

Figure 4: NLM Catalog – XML view.

By Diane Boehr
Head, Cataloging and Metadata Management Section

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NLM @ MLA - 2017

NLM @ MLA - 2017. NLM Tech Bull. 2017 Mar-Apr;(415):e4.

2017 April 11 [posted]

The Annual Meeting of the Medical Library Association (MLA) will be held May 26-31, 2017, at the Washington State Convention Center, Seattle, Washington. Attendees are invited to visit the NLM exhibit booth 309 (May 28-30) to meet NLM staff and see NLM Web products and services. The NLM Theater at the booth will feature demonstrations and tutorials on a wide variety of topics. All presentations are recorded and made available on the NLM Web site shortly after the meeting.

NLM Update

Tuesday, May 30 (11:00 am – 11:55 am)

Location: Ballroom 6

Speakers:

- Joyce Backus, Associate Director for Library Operations
- Patricia Flatley Brennan, Director and Interim NIH Associate Director for Data Science
- Daniel R. Masys, Co-Chair, Board of Regents Strategic Planning Committee and Affiliate Professor, Biomedical and Health Informatics, University of Washington School of Medicine
- Amanda J. Wilson, Head, National Network Coordinating Office of the National Network of Libraries of Medicine

Leiter Lecture

Wednesday, May 31 (9:00 AM - 10:00 AM)

Location: Ballroom 6

Speaker: Patricia Flatley Brennan

Patricia Flatley Brennan, Director of the National Library of Medicine (NLM), is the first nurse and first female to serve as permanent head of the library in its 180-year history. Brennan came to NLM from the University of Wisconsin–Madison, where she was the Lillian L. Moehlman Bascom Professor, School of Nursing and College of Engineering, and led the Living Environments Laboratory (<http://wid.wisc.edu/research/lel/>) at the Wisconsin Institute for Discovery (<http://wid.wisc.edu/>). Her pioneering research in the use of information technology to support patients and care givers has been funded by the National Institutes of Health, the Agency for Healthcare Research and Quality, and the Robert Wood Johnson Foundation, among others.

Dr. Brennan is a past president of the American Medical Informatics Association, a member of the National Academy of Medicine, and a fellow of the American College of Medical Informatics, the American Academy of Nursing, and the New York Academy of Medicine.

Dr. Brennan received a bachelor of science degree in nursing from the University of Delaware, a master of science degree in nursing from the University of Pennsylvania, and a doctoral degree in industrial engineering from the University of Wisconsin–Madison. Following seven years of clinical practice in critical care nursing and psychiatric nursing, she held several academic positions at Marquette University, Milwaukee, WI; Case Western Reserve University, Cleveland, OH; and the University of Wisconsin–Madison. In addition, she spent a year at NLM in 2002 to 2003 as a visiting senior scientist at the Lister Hill National Center for Biomedical Communications.

NLM Theater Schedule, Booth 309

Recordings of the NLM Theater presentations will be available soon after the meeting has concluded.

Sunday, May 28

- Noon New Collections/New Histories: Recent Projects from the History of Medicine Division
- 12:30 pm Finding studies for patients and researchers with new ClinicalTrials.gov search tools

1:00 pm	Finding Health Information in Multiple Languages
1:30 pm	Making sense of systematic reviews with PubMed Health
2:00 pm	MedlinePlus & Genetics Home Reference: New Approaches for Delivering Consumer Health Information
2:30 pm	Redesigned citation management to better serve PubMed users
3:00 pm	Introducing NICHSR ONEsearch – Our new consolidated search engine
3:30 pm	SciENcv & My Bibliography: Tools for Biosketches, Grant Reporting, and NIH Public Access Compliance
4:00 pm	PMC and Public Access: Tips, Tricks and News
4:30 pm	Augmenting Catalog Data with MeSH URIs: NLM Linked Data Project

Monday, May 29

10:00 am	Redesigned citation management to better serve PubMed users
10:30 am	MedlinePlus & Genetics Home Reference: New Approaches for Delivering Consumer Health Information
11:00 am	Finding studies for patients and researchers with new ClinicalTrials.gov search tools
11:30 am	What's new in post-publication activity on PubMed
Noon	Introducing NICHSR ONEsearch – Our new consolidated search engine
12:30 pm	Augmenting Catalog Data with MeSH URIs: NLM Linked Data Project
1:00 pm	Helping users find more resources through LinkOut
1:30 pm	New Collections/New Histories: Recent Projects from the History of Medicine Division
2:00 pm	Get PubMed Data with E-utilities
2:30 pm	PMC and Public Access: Tips, Tricks and News
3:00 pm	SciENcv & My Bibliography: Tools for Biosketches, Grant Reporting, and NIH Public Access Compliance
3:30 pm	NIH Common Data Elements : a tool to Support Data Management for Clinical Research

Tuesday, May 30

12:30 pm	NLM and the future of data science
1:00 pm	No presentation scheduled
1:30 pm	Get PubMed Data with E-utilities
2:00 pm	Redesigned citation management to better serve PubMed users
2:30 pm	Helping users find more resources through LinkOut

Join Us

Please join us at the NLM Update and visit us at booth 309! Additional information or changes to this information will be added to this article when they become available.

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Institutional Repository LinkOut: A New Full Text Access Feature in PubMed

Bastian H, Kwan Y. Institutional Repository LinkOut: A New Full Text Access Feature in PubMed. NLM Tech Bull. 2016 Nov-Dec;(415):e3.

2017 March 22 [posted]

PubMed users can now see the icon that links to the full text deposited at an institutional repository (IR) using LinkOut. The LinkOut service allows you to link to full text, library holdings, and other relevant external resources from PubMed and other NCBI databases.

Access Full Text Articles

Until this year, there were three quick ways to access full text articles from PubMed:

- the publisher icon links to the journal Web site (may require a subscription to the journal) (see **A** in Figure 1)
- the PMC icon links to free full text in PubMed Central (PMC) (see **B** in Figure 1)
- the DOI (Digital Object Identifier) links to the article on the journal Web site (may require a subscription to the journal) (see **C** in Figure 1)

PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed 25355167[uid] Search

Create RSS Create alert Advanced Help

Format: Abstract Send to

Cancer. 2015 Mar 1;121(5):648-63. doi: 10.1002/cncr.29096. Epub 2014 Oct 29.

Genetic variation as a modifier of association between therapeutic exposure and subsequent malignant neoplasms in cancer survivors.

Bhatia S¹.

Author information

Abstract
Subsequent malignant neoplasms (SMNs) are associated with significant morbidity and are a major cause of premature mortality among cancer survivors. Several large studies have demonstrated a strong association between the radiation and/or chemotherapy used to treat primary cancer and the risk of developing SMNs. However, for any given therapeutic exposure, the risk of developing an SMN varies between individuals. Genomic variation can potentially modify the association between therapeutic exposures and SMN risk and may explain the observed interindividual variability. In this review, the author provides a brief overview of the current knowledge regarding the role of genomic variation in the development of therapy-related SMNs and discusses the methodological challenges in undertaking an endeavor to develop a deeper understanding of the molecular underpinnings of therapy-related SMNs, such as an appropriate study design, the identification of an adequately sized study population together with a reliable plan for collecting and maintaining high-quality DNA, clinical validation of the phenotype, and the selection of an appropriate approach or platform for genotyping. Understanding the factors that can modify the risk of treatment-related SMNs is critical to developing targeted intervention strategies and optimizing risk-based health care for cancer survivors.

© 2014 American Cancer Society.

KEYWORDS: cancer survivors; gene-environment interactions; genetic susceptibility; second cancers; therapeutic exposures

PMID: 25355167 PMCID: PMC4339370 DOI: 10.1002/cncr.29096

Full text links
Wiley Online Library (A)
PMC Full text (B)

Save items
Add to Favorites

Similar articles
Review Role of genetic Cancer Epidemiol Biomarkers Pr...
Review Second malignant neoplasms: a [J Clin Oncol. 2012]
Review Second malignant neoplasia [J Natl Cancer Inst. 2012]
Review Secondary malignant neoplasms in te [Urol Oncol. 2015]
Treatment-specific risks of second malign [J Clin Oncol. 2007]
See reviews...
See all...

Cited by 6 PubMed Central articles
Autologous hematopoietic stem cell transplant [PLoS One. 2017]

Figure 1: Links to full text articles from PubMed.

New Institutional Repository Icons

The new institutional repository icons will link you to free full text of the article at an institutional repository that it is not available free from the journal or PMC. For example, the icon indicated as **A** in Figure 2 is for the Deep Blue repository at the University of Michigan Library.

When an IR is participating in this new LinkOut feature, the linking icon will display in the "Full text links" section next to the abstract in PubMed for any publication with a direct link to a full text that does not have another free full text link. The "LinkOut - more resources" section expands to show the same direct links to full text as the icons (see **B** in Figure 2). All links to participating IRs will appear here (see **C** in Figure 2), whether or not there is a free full text icon displayed in the "Full text links" section. There are only a few IRs participating in the free full text LinkOut at this time but these few already expand access to about 25,000 publications.

Repositories like Deep Blue are the online archives for the scholarly work produced through an academic/research institution. Some academic and research institutions encourage or require authors to submit their publications in the IR, making them publicly accessible within the terms of publication at a journal. This is often called "green open access."

There might be an embargo period or delay after publication, as there can be with NIH-authored manuscripts in PMC. However, free full texts can be available as soon as an article is published, too.

PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed 27344678[uid] Search

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Format: Abstract ▾ Send to ▾

Health Econ Policy Law. 2017 Jan;12(1):81-104. Epub 2016 Jun 27.

The United States confronts Ebola: suasion, executive action and fragmentation.

Greer SL¹, Singer PM¹.

⊕ Author information

Abstract

The United States' experience with the Ebola virus in 2014 provides a window into US public health politics. First, the United States provided a case study in the role of suasion and executive action in the management of public health in a fragmented multi-level system. The variable capacity of different parts of the United States to respond to Ebola on the level of hospitals or state governments, and their different approaches, show the limitations of federal influence, the importance of knowledge and executive energy, and the diversity of both powerful actors and sources of power. Second, the politics of Ebola in the United States is a case study in the politics of partisan blame attribution. The outbreak struck in the run-up to an election that was likely to be good for the Republican party, and the election dominated interest in and opinions of Ebola in both the media and public opinion. Democratic voters and media downplayed Ebola while Republican voters and media focused on the outbreak. The media was a key conduit for this strategic politicization, as shown in the quantity, timing and framing of news about Ebola. Neither fragmentation nor partisanship appears to be going away, so understanding the politics of public health crises will remain important.

PMID: 27344678 DOI: [10.1017/S1744133116000244](https://doi.org/10.1017/S1744133116000244)

Free full text

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LinkOut - more resources

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[Cambridge University Press - PDF](#)

Other Literature Sources
[Full text from the Univ. of Michigan Library - MLibrary \(Deep Blue\)](#)

Full text links
CAMBRIDGE Journals Online Full text
FREE FULL TEXT FROM MLIBRARY A

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Perceiving political polarization in the l [Perspect Psychol Sci. 2015]

Infections and Elections: Did an Ebola Outbrea [Psychol Sci. 2016]

Review Environmental attitudes and political | [Public Health. 2014]

Review Emergency medical service [West J Emerg Med. 2014]

See reviews...
See all...

Search details

27344678[uid]

Search See more...

Figure 2: PubMed abstract display with the University of Michigan's institutional repository icon.

Join LinkOut

LinkOut resources come from organizations that have applied to join LinkOut, providing information or data that are relevant to that specific publication. LinkOut participants include libraries, biological data repositories, and repositories like Dryad and Figshare.

If you know of an IR that has publicly available free full texts beyond those available in PMC, please let them know about this service. A list of participating institutional repositories is available from the LinkOut Web site.

Instructions for institutional repositories to join LinkOut are available from the LinkOut Web site. Please send questions about participating in LinkOut to: linkout@ncbi.nlm.nih.gov

By Hilda Bastian and Y. Kathy Kwan
National Center for Biotechnology Information

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PubMed Updates March 2017

Collins M. PubMed Updates March 2017. NLM Tech Bull. 2017 Mar-Apr;(415):e2.

2017 March 06 [posted]
2017 March 14 [Editor's note added]

[Editor's note: These changes were implemented in PubMed on March 8, 2017.]

The National Library of Medicine (NLM) is pleased to announce four upcoming enhancements to PubMed.

1. Conflict of Interest Statements (COIS)

PubMed will include conflict of interest statements below the abstract when these statements are supplied by the publisher (see Figure 1).

[Ther Innov Requil Sci](#). 2017 Jan;51(1):29-38. doi: 10.1177/2168479016659104. Epub 2016 Aug 20.

Culture and Process Change as a Priority for Patient Engagement in Medicines Development.

Boutin M¹, Dewulf L², Hoos A³, Geissler J⁴, Todaro V⁵, Schneider RF⁵, Garzva V⁷, Garvey A⁸, Robinson P⁹, Saffer T¹⁰, Krug S¹¹, Sargeant I¹².

Author information

Abstract

Patient Focused Medicines Development (PFMD) is a not-for-profit independent multinational coalition of patients, patient stakeholders, and the pharmaceutical industry with interests across diverse disease areas and conditions. PFMD aims to facilitate an integrated approach to medicines development with all stakeholders involved early in the development process. A key strength of the coalition that differentiates it from other groups that involve patients or patient groups is that PFMD has patient organizations as founding members, ensuring that the patient perspective is the starting point when identifying priorities and developing solutions to meet patients' needs. In addition, PFMD has from inception been formed as an equal collaboration among patient groups, patients, and pharmaceutical industry and has adopted a unique trans-Atlantic setup and scope that reflects its global intent. This parity extends to its governance model, which ensures at least equal or greater share of voice for patient group members. PFMD is actively inviting additional members and aims to expand the collaboration to include stakeholders from other sectors. The establishment of PFMD is particularly timely as patient engagement (PE) has become a priority for many health stakeholders and has led to a surge of mostly disconnected activities to deliver this. Given the current plethora of PE initiatives, an essential first step has been to determine, based on a comprehensive mapping, those strategic areas of most need requiring a focused initial effort from the perspective of all stakeholders. PFMD has identified four priority areas that will need to be addressed to facilitate implementation of PE. These are (1) culture and process change, (2) development of a global meta-framework for PE, (3) information exchange, and (4) training. This article discusses these priority themes and ongoing or planned PFMD activities within each.

KEYWORDS: patient engagement priorities medicines development

PMID: 28232876 PMCID: PMC5302122 DOI: 10.1177/2168479016659104

Free PMC Article



Conflict of interest statement

Declaration of Conflicting Interests: The following authors are employees: LD (UCB Biopharma); AH (Amgen [Europe] GmbH); RS (Pfizer Inc); VG (AstraZeneca); AG (GlaxoSmithKline); PR (Merck Sharp & Dohme Ltd); IS (Ismedica Ltd; medical writing and editorial support).

Figure 1. Conflict of interest statement expanded to show details.

- The corresponding tag for the MEDLINE display is COI.
- Search **hascois** in PubMed to retrieve all citations that contain conflict of interest statements.
- Use the field tag **[cois]** to restrict your search to this field, for example: **merck[cois]**

2. Editorial Expressions of Concern

NLM is adding editorial expressions of concern as a new pair of linking elements in the Comments/Corrections suite in PubMed. Expressions of concern, previously handled as comments, will be labeled explicitly in the abstract display (see Figure 2).



Figure 2. Labels for the new Expression of Concern linking elements.

- The corresponding tags for the MEDLINE display are:
 - ECF - Expression of concern for will appear on the citation for the Expression of Concern.
 - ECI - Expression of concern in will appear on the citation for the original article.
- Use the search **hasexpressionofconcernfor** to retrieve the citations that contain editorial expressions of concern.
- Use the search **hasexpressionofconcernin** for the citations to the original articles.

3. Results Display

The "Per page" menu, which allows users to customize the number of items that appear on the results screen, will appear at the top of the results list (see Figure 3).

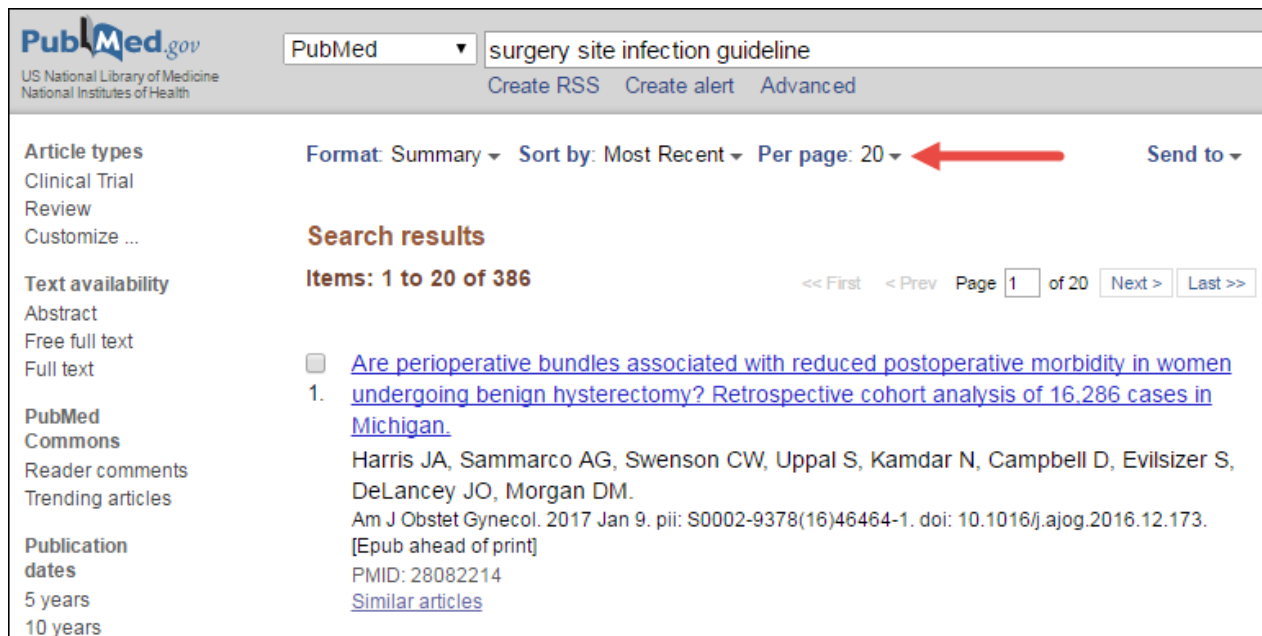


Figure 3. "Per page" menu at the top of the results display.

4. Status Tag

The status tag [PubMed – indexed for MEDLINE] will be replaced with the tag [Indexed for MEDLINE] (see Figure 4).

Format: Abstract

Send to

Bone Joint J. 2017 Feb;99-B(2):225-230. doi: 10.1302/0301-620X.99B2.BJJ-2016-0344.R1.

The impact of lifestyle risk factors on the rate of infection after surgery for a fracture of the ankle.

Olsen LL¹, Møller AM¹, Brorson S¹, Hasselager RB¹, Sørensen R¹.

Author information

Abstract

AIMS: Lifestyle risk factors are thought to increase the risk of infection after acute orthopaedic surgery but the evidence is scarce. We aimed to investigate whether smoking, obesity and alcohol overuse are risk factors for the development of infections after surgery for a fracture of the ankle.

PATIENTS AND METHODS: We retrospectively reviewed all patients who underwent internal fixation of a fracture of the ankle between 2008 and 2013. The primary outcome was the rate of deep infection and the secondary outcome was any surgical site infection (SSI). Associations with the risk factors and possible confounding variables were analysed univariably and multivariably with backwards elimination.

RESULTS: A total of 1043 patients were included; 64 (6.1%) had a deep infection and 146 (14.0%) had SSI. Obesity was strongly associated with both outcomes (odds ratio (OR) 2.21, $p = 0.017$ and OR 1.68, $p = 0.032$) in all analyses. Alcohol overuse was similarly associated, though significant only in unadjusted analyses. Surprisingly, smoking did not yield statistically significant associations with infections.

CONCLUSION: These findings suggest that obesity and possibly alcohol overuse are independent risk factors for the development of infection following surgery for a fracture of the ankle. This large study brings new evidence concerning these common risk factors; although prospective studies are needed to confirm causality. Cite this article: Bone Joint J 2017;99-B:225-30.

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KEYWORDS: Alcohol; Ankle fracture; Infection; Obesity; Risk factors; Smoking

PMID: 28148665 DOI: [10.1302/0301-620X.99B2.BJJ-2016-0344.R1](https://doi.org/10.1302/0301-620X.99B2.BJJ-2016-0344.R1)

[Indexed for MEDLINE]



Figure 4. New [Indexed for MEDLINE] status tag in abstract view.

The Abstract display in PubMed will include a status tag only if the citation is indexed for MEDLINE. Additional status tags will still appear in the MEDLINE and XML displays. The citation status search strategies will continue to function as they always have. Please see Citation Status Subsets in online help for more information.

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National Center for Biotechnology Information

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Last updated: 14 March 2017

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Updated NLM Catalog Sidebar Filters

Collins M. Updated NLM Catalog Sidebar Filters. NLM Tech Bull. 2017 Mar-Apr;(415):e1.

2017 March 01 [posted]
2017 March 14 [Editor's note added]

[Editor's note: This change was implemented in the NLM Catalog on March 8, 2017.]

The NLM Catalog left sidebar facets will be updated soon to improve users' ability to combine filters when searching. For example, "Journals referenced in the NCBI DBs" (databases) will appear as its own category so that it can be combined easily with any other filter (see Figure 1).

The screenshot shows the NLM Catalog search interface. At the top, there is a search bar with the text "critical care nursing" and a "Search" button. Below the search bar, there are options for "Create alert" and "Advanced". The main content area displays search results for "critical care nursing", showing "Items: 1 to 20 of 1509". The results list two items: "Advanced critical care nursing" and "Conceptual care mapping". On the left sidebar, there are several filter categories: "NCBI journals", "Currently indexed", and "Languages". A red arrow points to the "Journals referenced in the NCBI DBs" filter under the "NCBI journals" category.

Figure 1: Sidebar filter display highlighting "Journals referenced in the NCBI DBs."

Users will be able to customize the sidebar to display additional facets, including "PubMed/PMC journals" and "All MEDLINE journals" (see Figure 2).

NCBI Resources How To

NLM Catalog NLM Catalog critical care nursing Search

Create alert Advanced

NCBI journals Summary 20 per page Sort by Publication Date Send to:

Journals referenced in the NCBI DBs

Currently indexed Journals currently indexed in MEDLINE

Customize ...

PubMed/PMC journals

PubMed journals

PubMed Central journals

PubMed Central forthcoming journals

All MEDLINE journals

Journals currently or previously indexed in MEDLINE

Search results

Items: 1 to 20 of 1509

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[Advanced critical care nursing](#)

1. Good, Vicki, 1965-; Kirkwood, Peggy L, 1951-.
Second edition.
St. Louis, Missouri : Elsevier, [2018]
NLM ID: 101697147 [Book]

[Conceptual care mapping](#)

2. Yoost, Barbara L; Crawford, Lynne R.
Philadelphia, PA : Elsevier, [2018]
NLM ID: 101696885 [Book]

Figure 2: Sidebar filter display highlighting "PubMed/PMC journals" and "All MEDLINE journals."

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