

LA RICERCA BIBLIOGRAFICA IN MEDICINA: MEDLINE

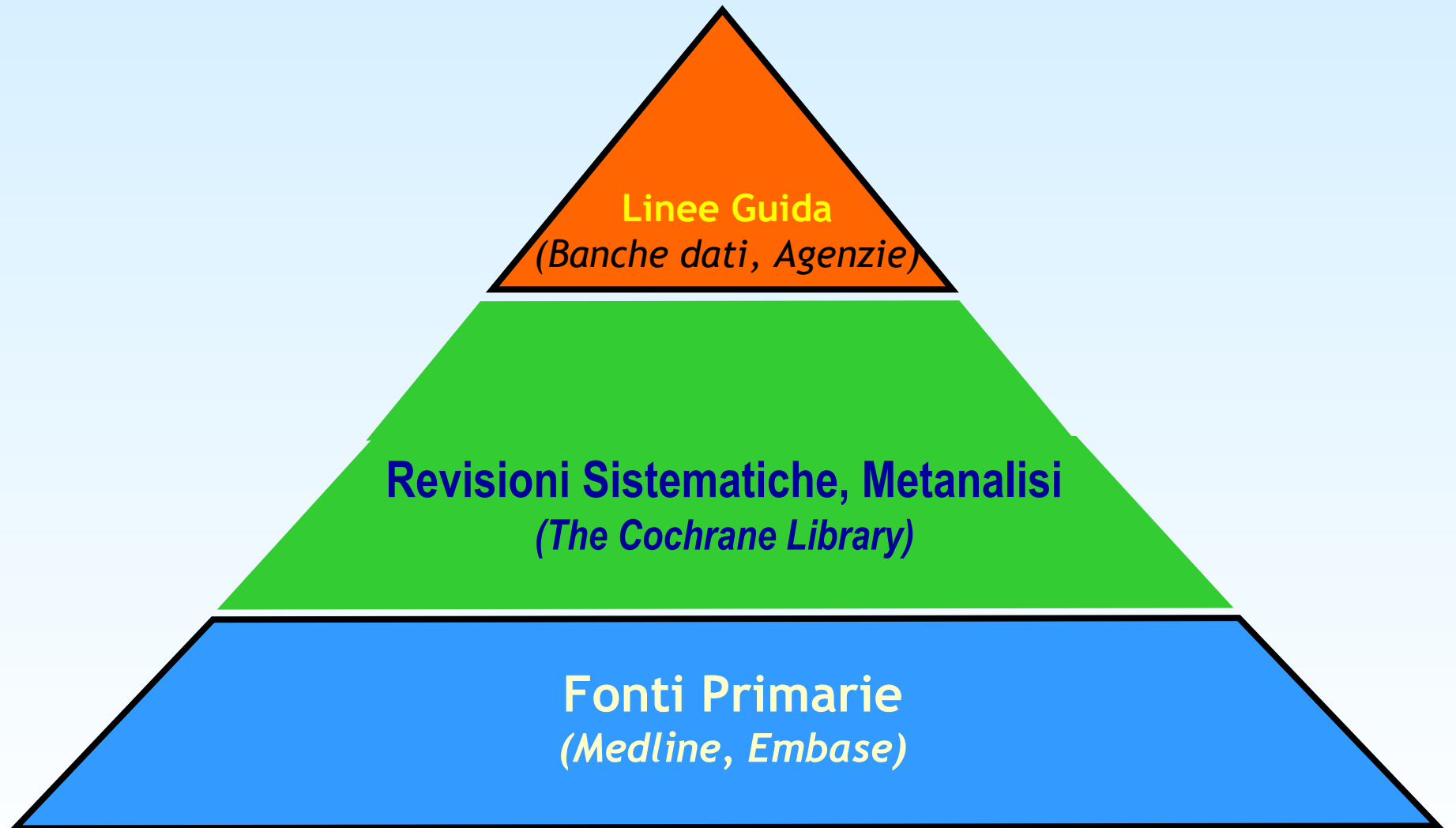


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Biblioteca Medica
Reggio Emilia

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Centro per la Valutazione della Efficacia
dell'Assistenza Sanitaria
Biblioteca
Modena

PER COMINCIARE...

Dove cercare che cosa



BANCHE DATI

BANCA DATI

Archivio elettronico di informazioni strutturate (**RECORD**) secondo un'operazione logica che consente l'interrogazione attraverso uno o più criteri o parole chiave.

BANCA DATI BIBLIOGRAFICA

Archivio elettronico nel quale l'unità informativa è costituita dalla **CITAZIONE BIBLIOGRAFICA** (**record**), talvolta corredata di abstract.

L'informazione contenuta in questo tipo di archivi non è in sé compiuta, ma rimanda ad altro, cioè allo scritto a cui si riferisce (articolo, monografia, etc.).

BANCA DATI FULL-TEXT

Archivio elettronico nel quale l'unità informativa è costituita dal **testo completo** (**record**) dello scritto (ad esempio il testo di un articolo), preceduto talvolta da abstract.

L'informazione testuale contenuta in questo tipo di archivi è in sé compiuta, poiché non esiste una fonte più completa a cui rimandare.

BANCHE DATI PRIMARIE

Indicizzano articoli originali
pubblicati sulle principali riviste
biomediche

(Es.: Medline, Embase, Cinahl, Banche Dati
Specialistiche - CancerLit, Toxline, ...)

BANCHE DATI SECONDARIE

Indicizzano prodotti della ricerca caratterizzati dalla revisione critica con metodologia appropriata degli studi primari (articoli originali) relativi ad un determinato argomento

(Es. Cochrane Library, Best Evidence, BD di Linee Guida, BD di analisi economiche, etc. ...)

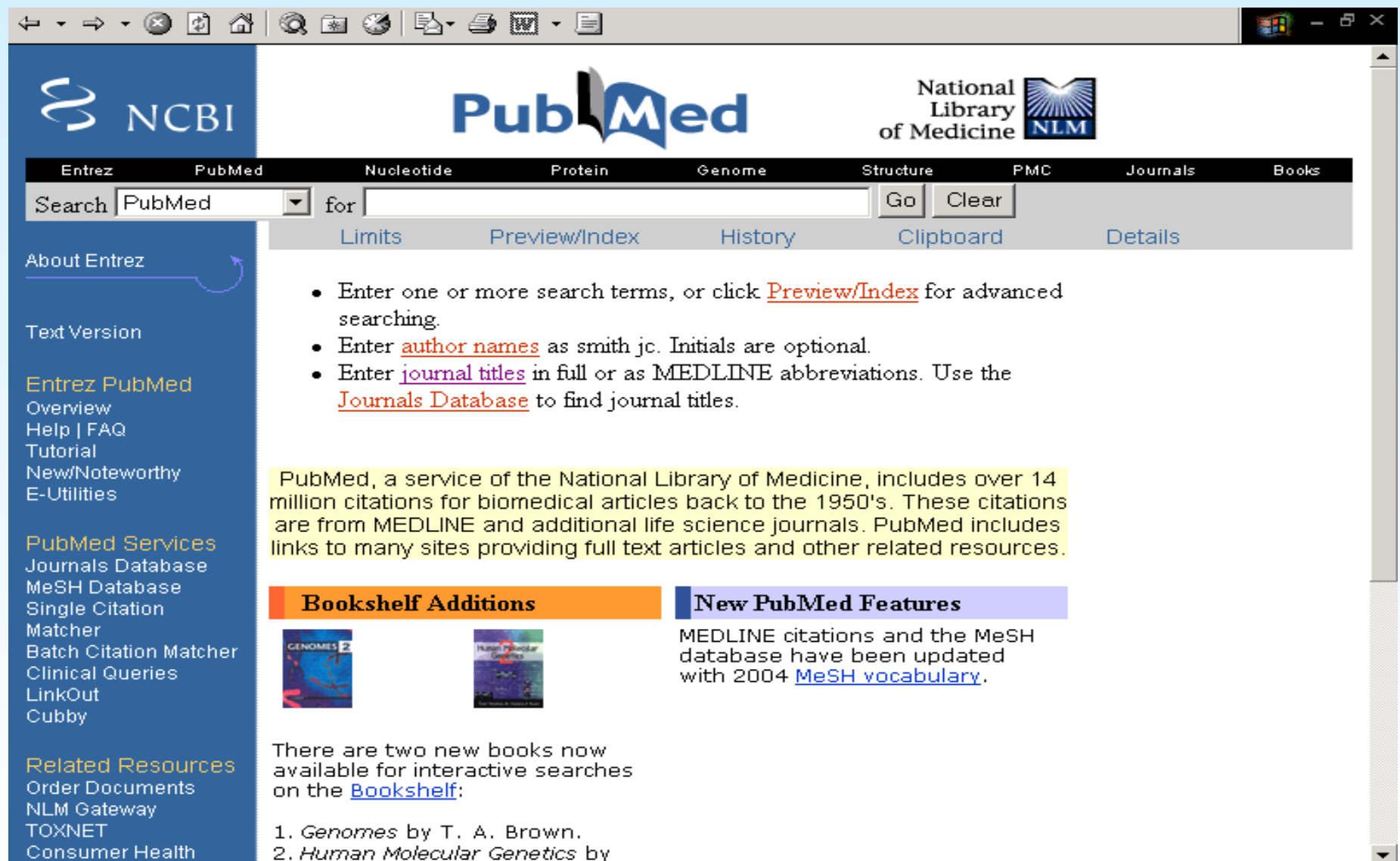
BANCHE DATI PRIMARIE

MEDLINE

- Banca Dati bibliografica prodotta dalla National Library of Medicine
- Copre i settori della medicina, infermieristica, odontoiatria, medicina veterinaria, organizzazione sanitaria,...
- Contiene riferimenti bibliografici (record) relativi a circa 4.600 riviste biomediche pubblicate negli Stati Uniti e in altri 70 paesi
- Contiene attualmente circa 14 milioni di record dal 1950 ad oggi (con l'inclusione dell'OLDMEDLINE)
- Aggiornamenti quotidiani (In Process Citations)
- Gratuita dal 1997

PUBMED

<http://www.pubmed.gov>



The screenshot shows the PubMed website interface within a web browser window. The browser's address bar displays the URL <http://www.pubmed.gov>. The page features the NCBI logo on the left, the PubMed logo in the center, and the National Library of Medicine (NLM) logo on the right. A navigation bar at the top includes links for Entrez, PubMed, Nucleotide, Protein, Genome, Structure, PMC, Journals, and Books. Below this, a search bar is visible with the text "Search PubMed" and a dropdown menu. To the right of the search bar are "Go" and "Clear" buttons. Below the search bar, there are links for "Limits", "Preview/Index", "History", "Clipboard", and "Details". On the left side of the page, there is a sidebar with links for "About Entrez", "Text Version", "Entrez PubMed Overview", "Help | FAQ", "Tutorial", "New/Noteworthy", "E-Utilities", "PubMed Services", "Journals Database", "MeSH Database", "Single Citation Matcher", "Batch Citation Matcher", "Clinical Queries", "LinkOut", "Cubby", "Related Resources", "Order Documents", "NLM Gateway", "TOXNET", and "Consumer Health". The main content area contains a list of search tips, a description of PubMed, and two sections: "Bookshelf Additions" and "New PubMed Features".

NCBI

PubMed

National Library of Medicine NLM

Entrez PubMed Nucleotide Protein Genome Structure PMC Journals Books

Search PubMed for [] Go Clear

Limits Preview/Index History Clipboard Details

About Entrez

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation

Matcher

Batch Citation Matcher

Clinical Queries

LinkOut

Cubby

Related Resources

Order Documents

NLM Gateway

TOXNET

Consumer Health

- Enter one or more search terms, or click [Preview/Index](#) for advanced searching.
- Enter [author names](#) as smith jc. Initials are optional.
- Enter [journal titles](#) in full or as MEDLINE abbreviations. Use the [Journals Database](#) to find journal titles.

PubMed, a service of the National Library of Medicine, includes over 14 million citations for biomedical articles back to the 1950's. These citations are from MEDLINE and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources.

Bookshelf Additions

New PubMed Features

MEDLINE citations and the MeSH database have been updated with 2004 [MeSH vocabulary](#).

There are two new books now available for interactive searches on the [Bookshelf](#):

1. *Genomes* by T. A. Brown.
2. *Human Molecular Genetics* by

EMBASE

(The Excerpta Medica Database)

- Banca Dati bibliografica che copre i settori della medicina, con particolare riguardo alla farmacologia e alla tossicologia.
- Contiene più di 9 milioni di record dal 1974 indicizzati da oltre 4000 riviste in prevalenza europee (molte delle quali non indicizzate da Medline)
- Aggiornamenti settimanali
- Prodotta dalla casa editrice Elsevier, ha costi di abbonamento molto elevati
- Non esiste una versione gratuita

CINAHL

(Cumulative Index to Nursing & Allied Health Literature)

- La più importante Banca Dati per il nursing
- Contiene più di 700,000 record dal 1982 indicizzati da circa 1500 riviste
- Il materiale indicizzato include: articoli, libri, letteratura grigia, audiovisivi, ...
- Dal 1994 sono state inserite nel record anche le referenze bibliografiche dei singoli articoli
- Aggiornamenti mensili
- Non esiste una versione gratuita

PsychINFO

- Copertura della letteratura internazionale sulla psicologia e le scienze correlate. Include: Le terapie farmacologiche e comportamentali, trattamenti della malattia, tossicodipendenze, psicologia dell'età evolutiva, e psicologia dei processi educativi.
- Prodotta dall'American Psychological Association
- Dal 1887 ad oggi
- 1300 riviste (in 25 lingue) e monografie. Circa il 30% del materiale è di provenienza europea.
- ClinPSYCH 1989-
- Non esiste una versione gratuita



DENTRO LA BANCA DATI

Corbis.com

INDICIZZARE...

... e fare lo spoglio di una rivista significa:

- estrarre i dati principali di ogni articolo su:
 - autore/i (nome, affiliazione, ...)
 - contenuto (titolo, MeSH, nome di sostanze, abstract, ...)
 - fonte (titolo della rivista, ISSN, data di pubblicazione, ...)
- assegnare dati gestionali (codici, ...)

UI - 20498594

PMID- 11045895

TI - Antitussive efficacy of dextromethorphan in cough associated with acute upper respiratory tract infection.

PG - 1137-42

AB - Dextromethorphan is one of the most widely used antitussives for the treatment of cough associated with acute upper respiratory tract infection. However, there is very little data to support the efficacy of dextromethorphan in this disease state. This aim of this study was to obtain more information about the efficacy of a single dose of 30 mg dextromethorphan in the treatment of cough associated with acute upper respiratory tract infection. [...]

AD - Common Cold Centre, Cardiff School of Biosciences, University of Wales UK.

AU - Lee PCL

FAU - Jawad, M S

IL RECORD

IL RECORD

LA - eng

PT - Clinical Trial

PT - Journal Article

PT - Randomized Controlled Trial

CY - ENGLAND

MH - Adolescent

MH - Adult

MH - Antitussive Agents/*therapeutic use

MH - Cough/*drug therapy

MH - Dextromethorphan/*therapeutic use

MH - Double-Blind Method

MH - Human

MH - Middle Age

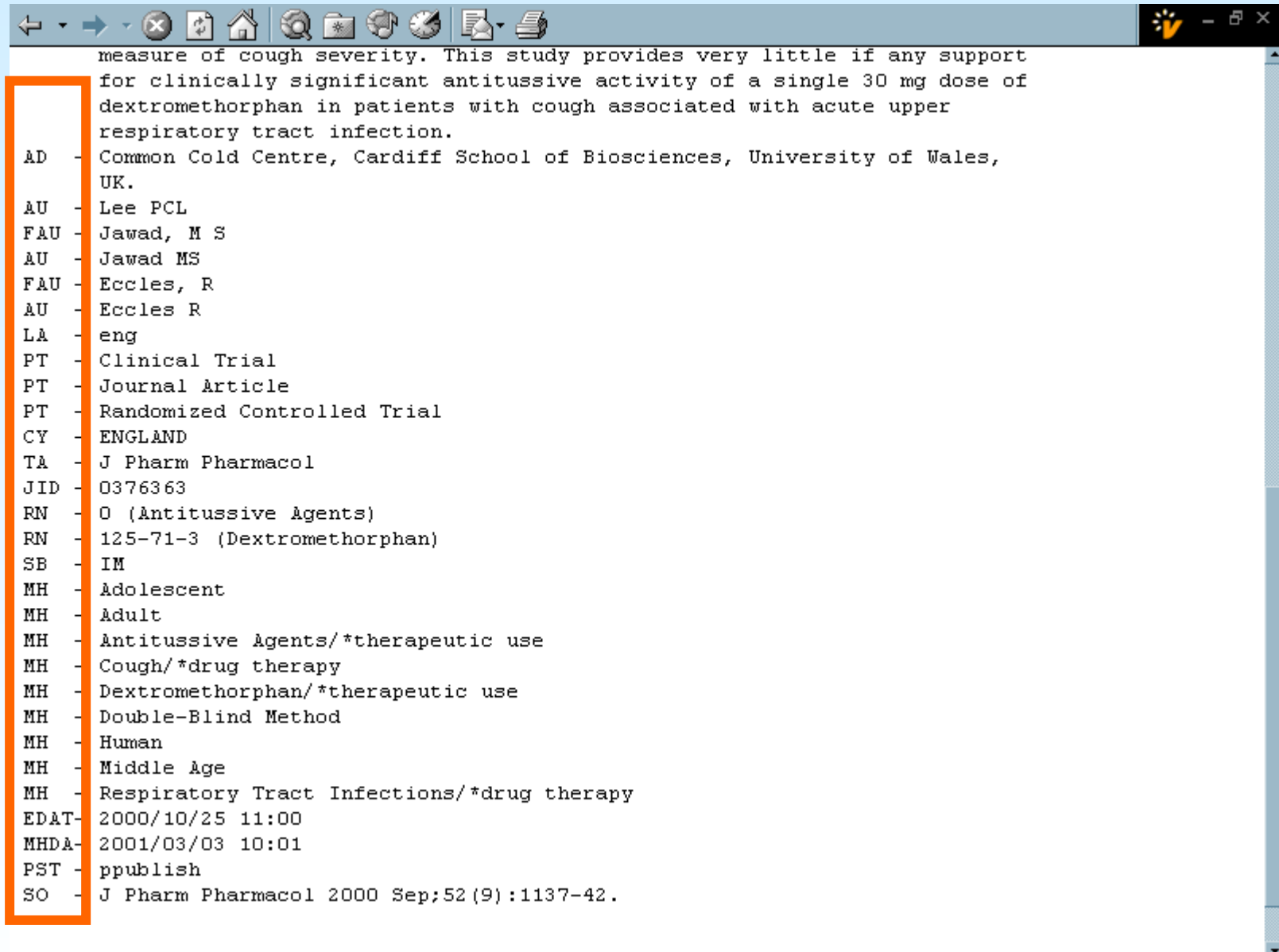
MH - Respiratory Tract Infections/*drug therapy

SO - J Pharm Pharmacol 2000 Sep;52(9):1137-42.

IL RECORD

UI	20498594
PMID	11045895
DA	20010202
DCOM	20010202
LR	20021101
IS	0022-3573
VI	52
IP	9
DP	2000 Sep
TI	Antitussive efficacy of dextromethorphan in cough associated with acute upper respiratory tract infection.
PG	1137-42
AB	Dextromethorphan is one of the most widely used antitussives for the treatment of cough associated with acute upper respiratory tract infection. However, there is very little data to support the efficacy of dextromethorphan in this disease state. This aim of this study was to obtain more information about the efficacy of a single dose of 30 mg dextromethorphan in the treatment of cough associated with acute upper respiratory tract infection. The study was a double-blind, stratified, randomized and parallel group design. Both objective and subjective measurements of cough were recorded over 10-min recording periods in a quiet room before (baseline) and at 90, 135 and 180 min after treatment. Forty-three patients (30 females and 13 males), mean age 22.9 years (range 18-46 years), with acute dry or slightly productive cough and otherwise healthy were included in the study. Patients were randomized to placebo treatment (n = 22) and dextromethorphan treatment (n=21). The results showed similar trends in both treatment groups with statistically significant reductions ($P < 0.05$) in cough sound pressure level (CSPL), cough frequency (CF) and subjective scores for cough severity within treatment groups but little difference between the treatment groups during the study period. The only statistically significant difference between treatment groups was for the mean CSPL changes from baseline to 90 min ($P=0.019$). There was a significant positive correlation between CSPL and CF ($r = 0.752$, $P= 0.000$) for changes in cough measurements from baseline to 90 min after treatment and this indicates that CSPL may be a useful

IL RECORD



measure of cough severity. This study provides very little if any support for clinically significant antitussive activity of a single 30 mg dose of dextromethorphan in patients with cough associated with acute upper respiratory tract infection.

AD - Common Cold Centre, Cardiff School of Biosciences, University of Wales, UK.

AU - Lee PCL

FAU - Jawad, M S

AU - Jawad MS

FAU - Eccles, R

AU - Eccles R

LA - eng

PT - Clinical Trial

PT - Journal Article

PT - Randomized Controlled Trial

CY - ENGLAND

TA - J Pharm Pharmacol

JID - 0376363

RN - 0 (Antitussive Agents)

RN - 125-71-3 (Dextromethorphan)

SB - IM

MH - Adolescent

MH - Adult

MH - Antitussive Agents/*therapeutic use

MH - Cough/*drug therapy

MH - Dextromethorphan/*therapeutic use

MH - Double-Blind Method

MH - Human

MH - Middle Age

MH - Respiratory Tract Infections/*drug therapy

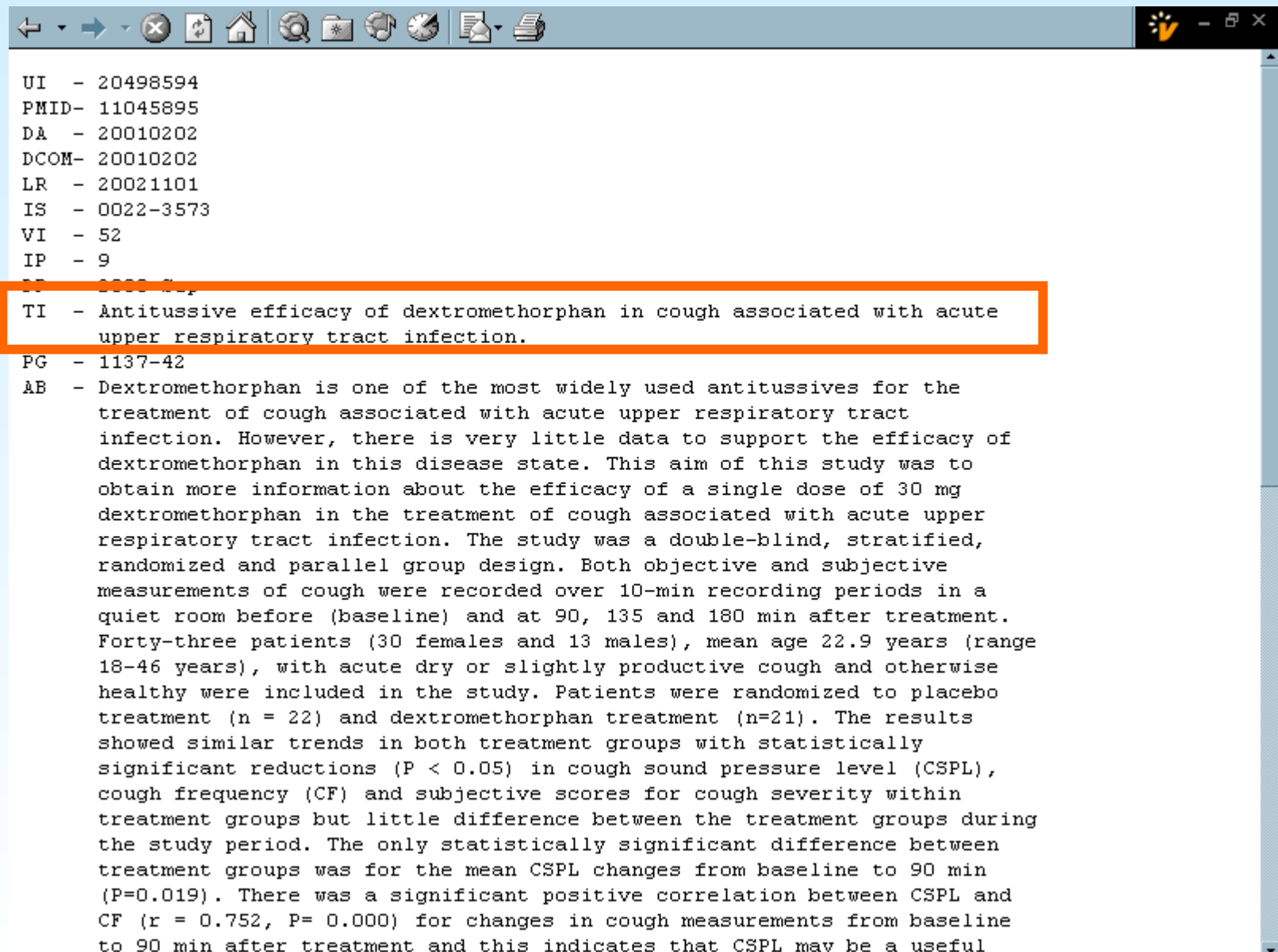
EDAT - 2000/10/25 11:00

MHDA - 2001/03/03 10:01

PST - ppublish

SO - J Pharm Pharmacol 2000 Sep;52(9):1137-42.

IL RECORD



UI - 20498594
PMID- 11045895
DA - 20010202
DCOM- 20010202
LR - 20021101
IS - 0022-3573
VI - 52
IP - 9
TI - Antitussive efficacy of dextromethorphan in cough associated with acute upper respiratory tract infection.
PG - 1137-42
AB - Dextromethorphan is one of the most widely used antitussives for the treatment of cough associated with acute upper respiratory tract infection. However, there is very little data to support the efficacy of dextromethorphan in this disease state. This aim of this study was to obtain more information about the efficacy of a single dose of 30 mg dextromethorphan in the treatment of cough associated with acute upper respiratory tract infection. The study was a double-blind, stratified, randomized and parallel group design. Both objective and subjective measurements of cough were recorded over 10-min recording periods in a quiet room before (baseline) and at 90, 135 and 180 min after treatment. Forty-three patients (30 females and 13 males), mean age 22.9 years (range 18-46 years), with acute dry or slightly productive cough and otherwise healthy were included in the study. Patients were randomized to placebo treatment (n = 22) and dextromethorphan treatment (n=21). The results showed similar trends in both treatment groups with statistically significant reductions ($P < 0.05$) in cough sound pressure level (CSPL), cough frequency (CF) and subjective scores for cough severity within treatment groups but little difference between the treatment groups during the study period. The only statistically significant difference between treatment groups was for the mean CSPL changes from baseline to 90 min ($P=0.019$). There was a significant positive correlation between CSPL and CF ($r = 0.752$, $P = 0.000$) for changes in cough measurements from baseline to 90 min after treatment and this indicates that CSPL may be a useful

LA CITAZIONE BIBLIOGRAFICA

Rappresentazione bibliografica di un documento.

Insieme di dati necessari e sufficienti per reperire uno scritto (i più comuni sono: l'articolo, la monografia e la raccolta di saggi).

LA CITAZIONE BIBLIOGRAFICA

Lee PCL, Jawad MS, Eccles R.

**Antitussive efficacy of
dextromethorphan in cough associated with
acute upper respiratory tract infection.**

J Pharm Pharmacol. 2000 Sep;52(9):1137-42.

LA CITAZIONE BIBLIOGRAFICA

Autori:

Lee PCL, Jawad MS, Eccles R

Titolo:

Antitussive efficacy of dextromethorphan in cough associated with acute upper respiratory tract infection.

Riferimenti bibliografici:

J Pharm Pharmacol. 2000 Sep;52(9):1137-42.

COME CONDURRE UNA RICERCA BIBLIOGRAFICA

LE FASI DELLA RICERCA BIBLIOGRAFICA

1. Descrizione, con una o due frasi, del problema mettendo a fuoco l'argomento della vostra ricerca
2. Scelta della risorse informative (BD, motore di ricerca, sito, ...)
3. Scomposizione del quesito in concetti
4. Traduzione, se necessario, in inglese dei concetti
5. Scelta del linguaggio da utilizzare
6. Combinazione dei termini (operatori booleani)
7. Esecuzione della ricerca e visualizzazione del risultato
8. Analisi del risultato
9. Eventuale modifica della ricerca (restrizione o ampliamento)

SCELTA DEL LINGUAGGIO DA UTILIZZARE

Linguaggio libero vs linguaggio controllato

Termine libero (Free-Text)

- parola/e presente nel titolo, nel riassunto (abstract), nella rivista, nell'indirizzo ed in altri eventuali campi del record bibliografico

Termine controllato (Descrittore, Parola chiave, Subject Heading)

- ricavato da un Thesaurus/dizionario controllato ed assegnato da un esperto previa lettura dell'articolo per esteso ed inserito nel campo 'descrittori' [MeSH]

QUANDO SI USA UN TERMINE LIBERO CONSIDERARE SEMPRE

- Sinonimi
- Plurali
- Inglese/americano

Esempio:

PAIN or PAIN(FUL) or BACK PAIN or BACKACHE

PET or Positron Emission Tomography

CANCER or CANCERS or TUMOR* or TUMOUR* or
NEOPLASM*



Termine libero e i campi di ricerca

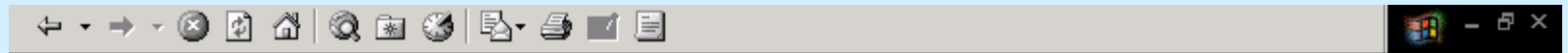
Heart (in tutto il record)	68494
Heart (nel titolo e abstract)	41020
Heart (autore)	2
Heart (nell'indirizzo)	3979

**IL LINGUAGGIO
CONTROLLATO
IL THESAURUS**

MEDICAL SUBJECT HEADINGS (MeSH) THESAURUS

- Vocabolario di termini controllati (o descrittori o parole chiave) utilizzati nell'indicizzazione dei documenti
- E' sottoposto a continuo aggiornamento (la versione del 2003 contiene **21,973** termini)
- I termini MeSH sono organizzati gerarchicamente in una struttura ad albero - MeSH Tree - (dal generale al particolare)

MESH TREE



MeSH Tree Structures - 2004

[Return to Entry Page](#)

1. [+](#) Anatomy [A]
2. [+](#) Organisms [B]
3. [+](#) Diseases [C]
4. [+](#) Chemicals and Drugs [D]
5. [+](#) Analytical, Diagnostic and Therapeutic Techniques and Equipment [E]
6. [+](#) Psychiatry and Psychology [F]
7. [+](#) Biological Sciences [G]
8. [+](#) Physical Sciences [H]
9. [+](#) Anthropology, Education, Sociology and Social Phenomena [I]
10. [+](#) Technology and Food and Beverages [J]
11. [+](#) Humanities [K]
12. [+](#) Information Science [L]
13. [+](#) Persons [M]
14. [+](#) Health Care [N]
15. [+](#) Geographic Locations [Z]

[Return to Entry Page](#)

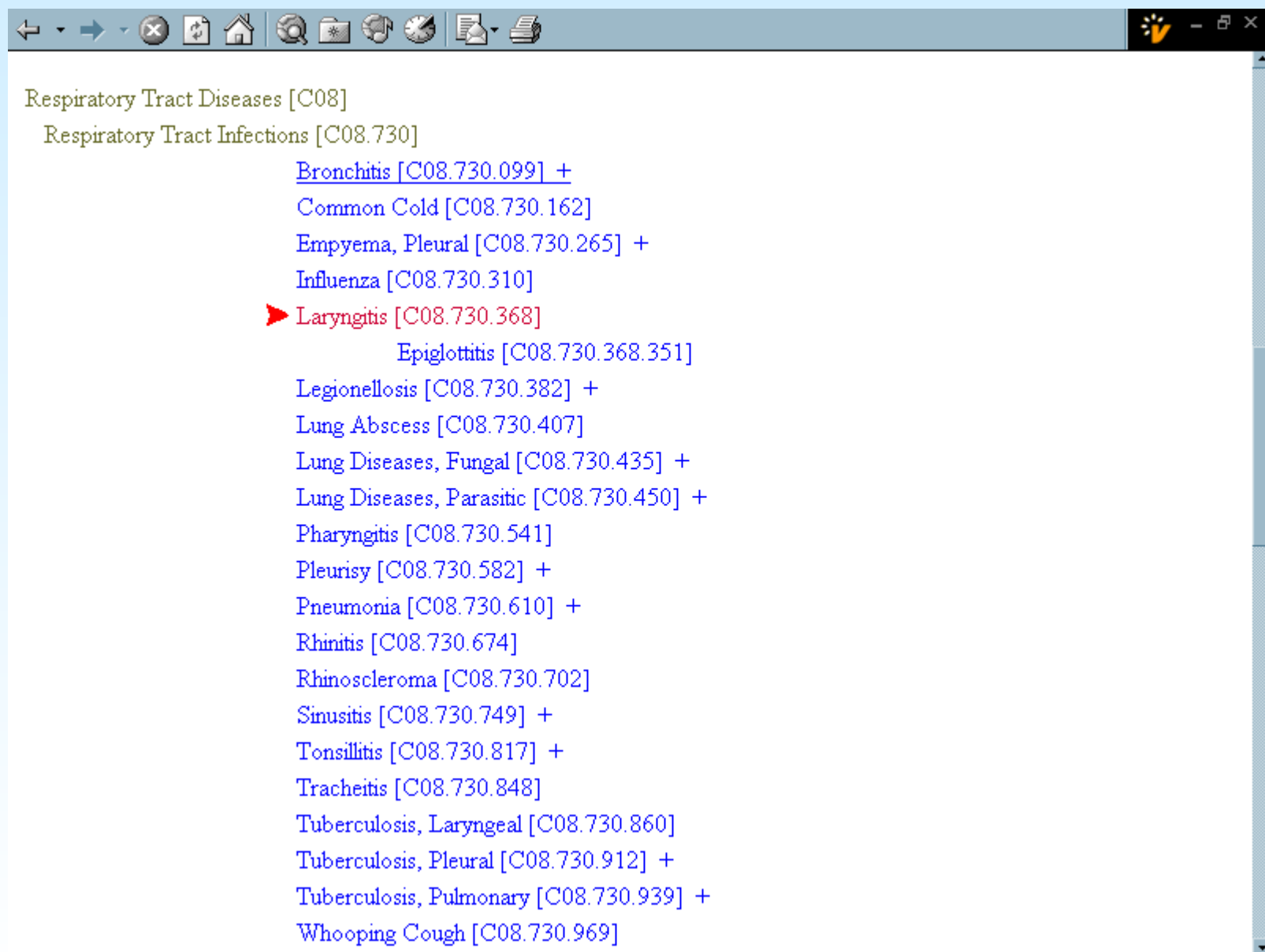
MESH TREE



The screenshot displays a web application window titled "MESH TREE". The window has a standard toolbar at the top with icons for navigation (back, forward, home, search, etc.) and a small logo on the right. Below the toolbar, the main content area shows a hierarchical list of medical categories. The list is numbered 1 through 6, with each item having a small square icon to its left. The categories are: 1. Anatomy [A], 2. Organisms [B], 3. Diseases [C], 4. Chemicals and Drugs [D], 5. Analytical, Diagnostic and Therapeutic Techniques and Equipment [E], and 6. Psychiatry and Psychology [F]. The "Diseases [C]" category is expanded, showing a list of sub-categories, each preceded by a circle icon. These sub-categories include: Bacterial Infections and Mycoses [C01], Virus Diseases [C02], Parasitic Diseases [C03], Neoplasms [C04], Musculoskeletal Diseases [C05], Digestive System Diseases [C06], Stomatognathic Diseases [C07], Respiratory Tract Diseases [C08], Otorhinolaryngologic Diseases [C09], Nervous System Diseases [C10], Eye Diseases [C11], Urologic and Male Genital Diseases [C12], Female Genital Diseases and Pregnancy Complications [C13], Cardiovascular Diseases [C14], Hemic and Lymphatic Diseases [C15], Neonatal Diseases and Abnormalities [C16], Skin and Connective Tissue Diseases [C17], Nutritional and Metabolic Diseases [C18], Endocrine Diseases [C19], Immunologic Diseases [C20], Disorders of Environmental Origin [C21], Animal Diseases [C22], and Pathological Conditions, Signs and Symptoms [C23].

1. ☒ Anatomy [A]
2. ☒ Organisms [B]
3. ☒ Diseases [C]
 - Bacterial Infections and Mycoses [C01] +
 - Virus Diseases [C02] +
 - Parasitic Diseases [C03] +
 - Neoplasms [C04] +
 - Musculoskeletal Diseases [C05] +
 - Digestive System Diseases [C06] +
 - Stomatognathic Diseases [C07] +
 - Respiratory Tract Diseases [C08] +
 - Otorhinolaryngologic Diseases [C09] +
 - Nervous System Diseases [C10] +
 - Eye Diseases [C11] +
 - Urologic and Male Genital Diseases [C12] +
 - Female Genital Diseases and Pregnancy Complications [C13] +
 - Cardiovascular Diseases [C14] +
 - Hemic and Lymphatic Diseases [C15] +
 - Neonatal Diseases and Abnormalities [C16] +
 - Skin and Connective Tissue Diseases [C17] +
 - Nutritional and Metabolic Diseases [C18] +
 - Endocrine Diseases [C19] +
 - Immunologic Diseases [C20] +
 - Disorders of Environmental Origin [C21] +
 - Animal Diseases [C22] +
 - Pathological Conditions, Signs and Symptoms [C23] +
4. ☒ Chemicals and Drugs [D]
5. ☒ Analytical, Diagnostic and Therapeutic Techniques and Equipment [E]
6. ☒ Psychiatry and Psychology [F]

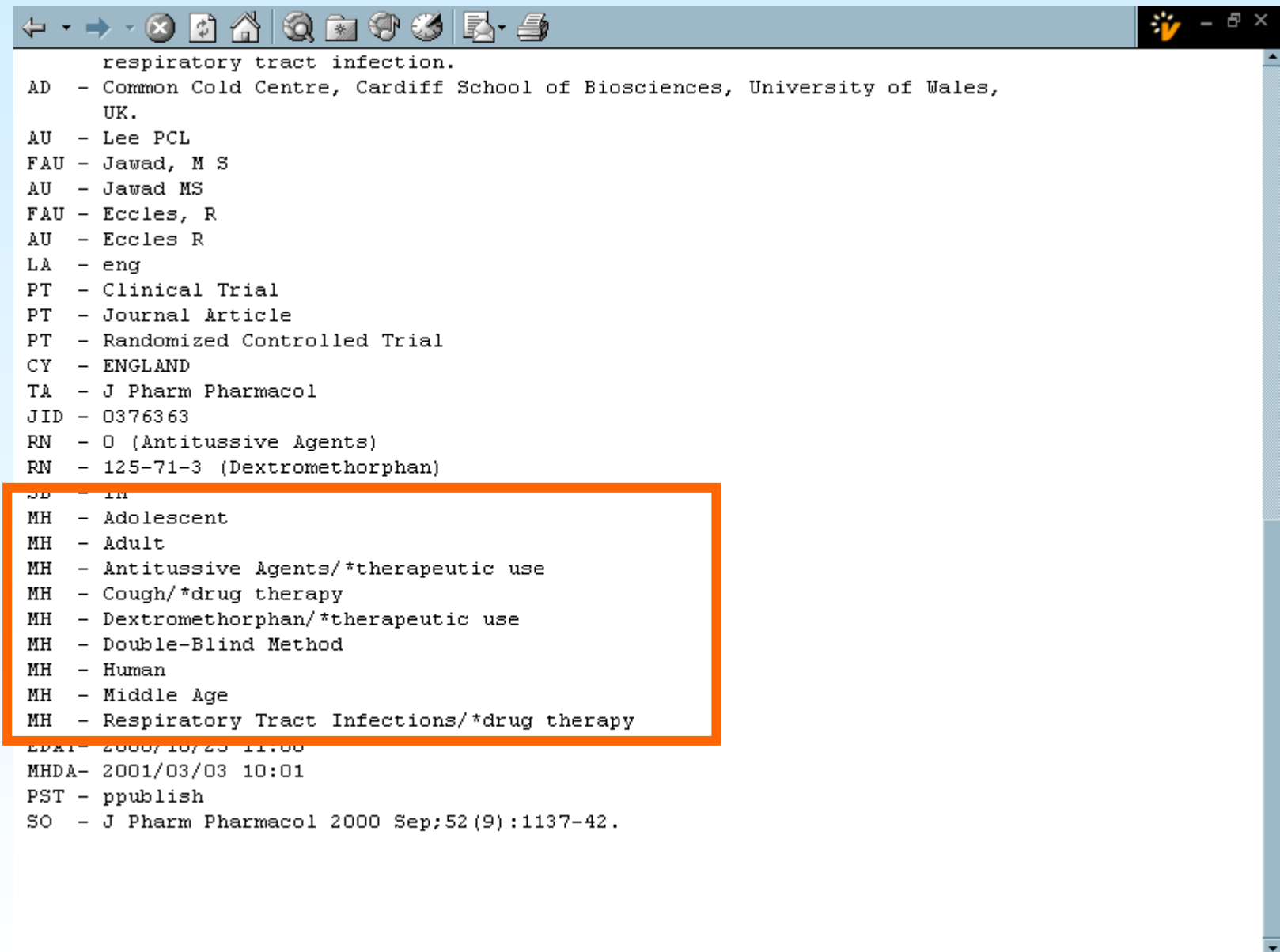
MESH TREE



The screenshot shows a web browser window with a toolbar at the top. The main content area displays a hierarchical tree structure of Medical Subject Headings (MeSH) terms. The tree is organized as follows:

- Respiratory Tract Diseases [C08]
 - Respiratory Tract Infections [C08.730]
 - [Bronchitis \[C08.730.099\]](#) +
 - [Common Cold \[C08.730.162\]](#)
 - [Empyema, Pleural \[C08.730.265\]](#) +
 - [Influenza \[C08.730.310\]](#)
 - ▶ [Laryngitis \[C08.730.368\]](#)
 - [Epiglottitis \[C08.730.368.351\]](#)
 - [Legionellosis \[C08.730.382\]](#) +
 - [Lung Abscess \[C08.730.407\]](#)
 - [Lung Diseases, Fungal \[C08.730.435\]](#) +
 - [Lung Diseases, Parasitic \[C08.730.450\]](#) +
 - [Pharyngitis \[C08.730.541\]](#)
 - [Pleurisy \[C08.730.582\]](#) +
 - [Pneumonia \[C08.730.610\]](#) +
 - [Rhinitis \[C08.730.674\]](#)
 - [Rhinoscleroma \[C08.730.702\]](#)
 - [Sinusitis \[C08.730.749\]](#) +
 - [Tonsillitis \[C08.730.817\]](#) +
 - [Tracheitis \[C08.730.848\]](#)
 - [Tuberculosis, Laryngeal \[C08.730.860\]](#)
 - [Tuberculosis, Pleural \[C08.730.912\]](#) +
 - [Tuberculosis, Pulmonary \[C08.730.939\]](#) +
 - [Whooping Cough \[C08.730.969\]](#)

Il Record MEDLINE

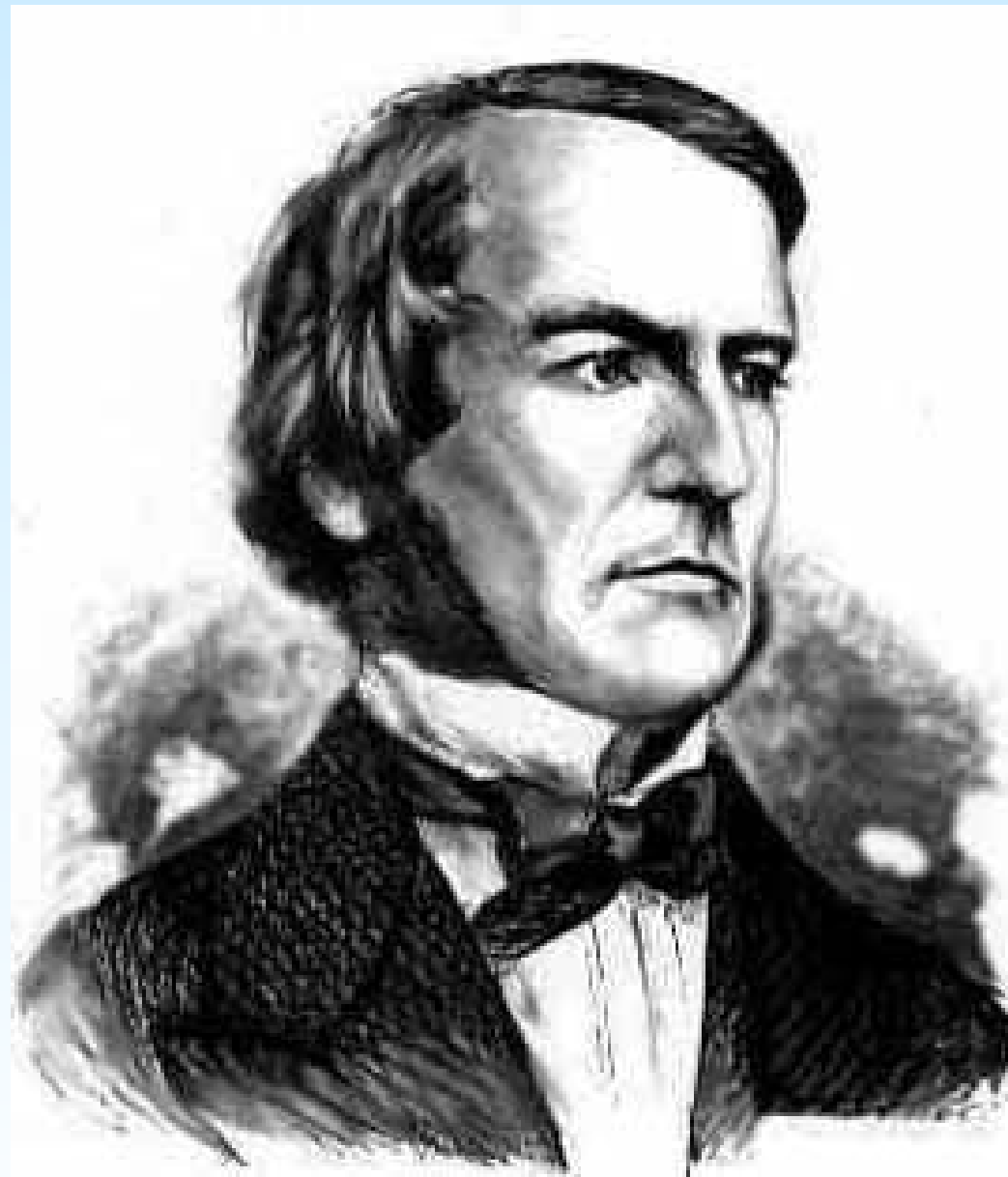


The image shows a screenshot of a MEDLINE record displayed in a window. The window has a standard toolbar at the top with icons for navigation and editing. The record text is as follows:

respiratory tract infection.
AD - Common Cold Centre, Cardiff School of Biosciences, University of Wales,
UK.
AU - Lee PCL
FAU - Jawad, M S
AU - Jawad MS
FAU - Eccles, R
AU - Eccles R
LA - eng
PT - Clinical Trial
PT - Journal Article
PT - Randomized Controlled Trial
CY - ENGLAND
TA - J Pharm Pharmacol
JID - 0376363
RN - O (Antitussive Agents)
RN - 125-71-3 (Dextromethorphan)
SD - In
MH - Adolescent
MH - Adult
MH - Antitussive Agents/*therapeutic use
MH - Cough/*drug therapy
MH - Dextromethorphan/*therapeutic use
MH - Double-Blind Method
MH - Human
MH - Middle Age
MH - Respiratory Tract Infections/*drug therapy
EDAT- 2000/10/23 11:00
MHDA- 2001/03/03 10:01
PST - ppublish
SO - J Pharm Pharmacol 2000 Sep;52(9):1137-42.

A section of the record, starting from 'SD - In' and ending with 'MH - Respiratory Tract Infections/*drug therapy', is enclosed in an orange rectangular box.

COMBINAZIONE DEI TERMINI



George Boole
(1815 - 1864)

OPERATORI BOOLEANI

O OPERATORI DI RICERCA O OPERATORI LOGICI

AND

ASSOCIAZIONE

trova solo quei record che
contengono tutti i termini cercati

OR

SOMMA

amplia la ricerca e
trova tutti i record in cui sia
presente almeno uno dei termini

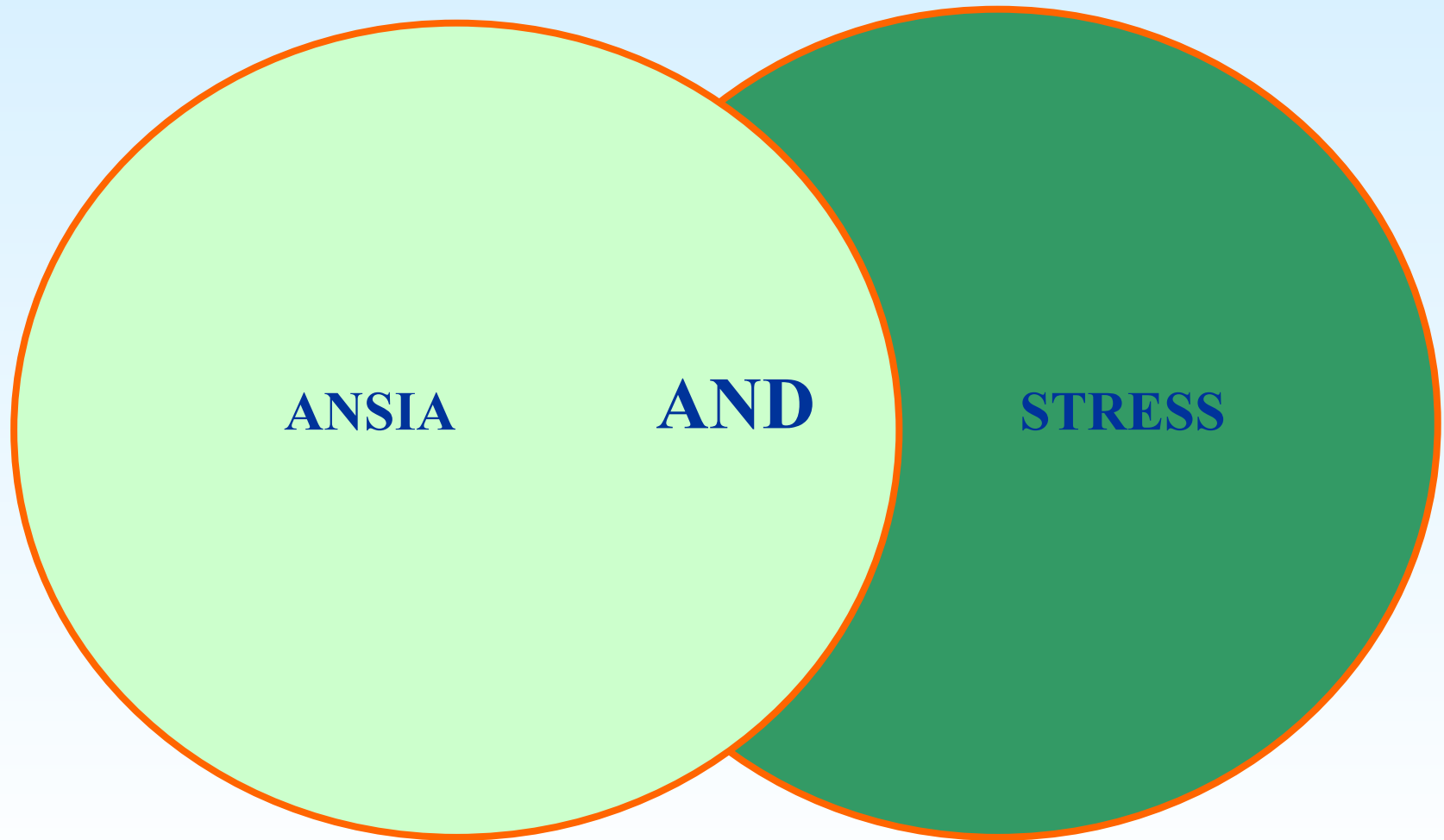
NOT

ESCLUSIONE

esclude tutti i record che contengono
un determinato termine

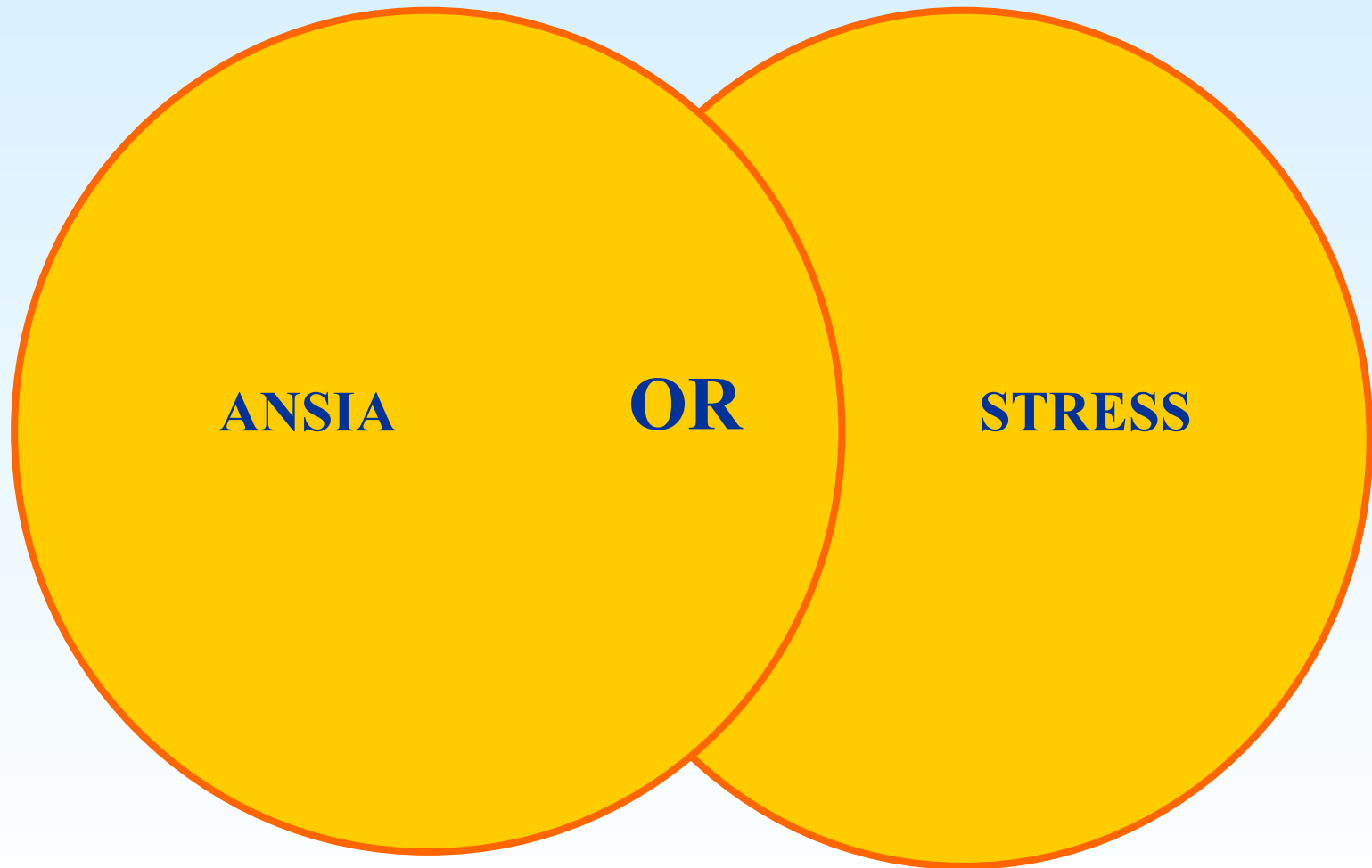
AND

ANSIA AND STRESS



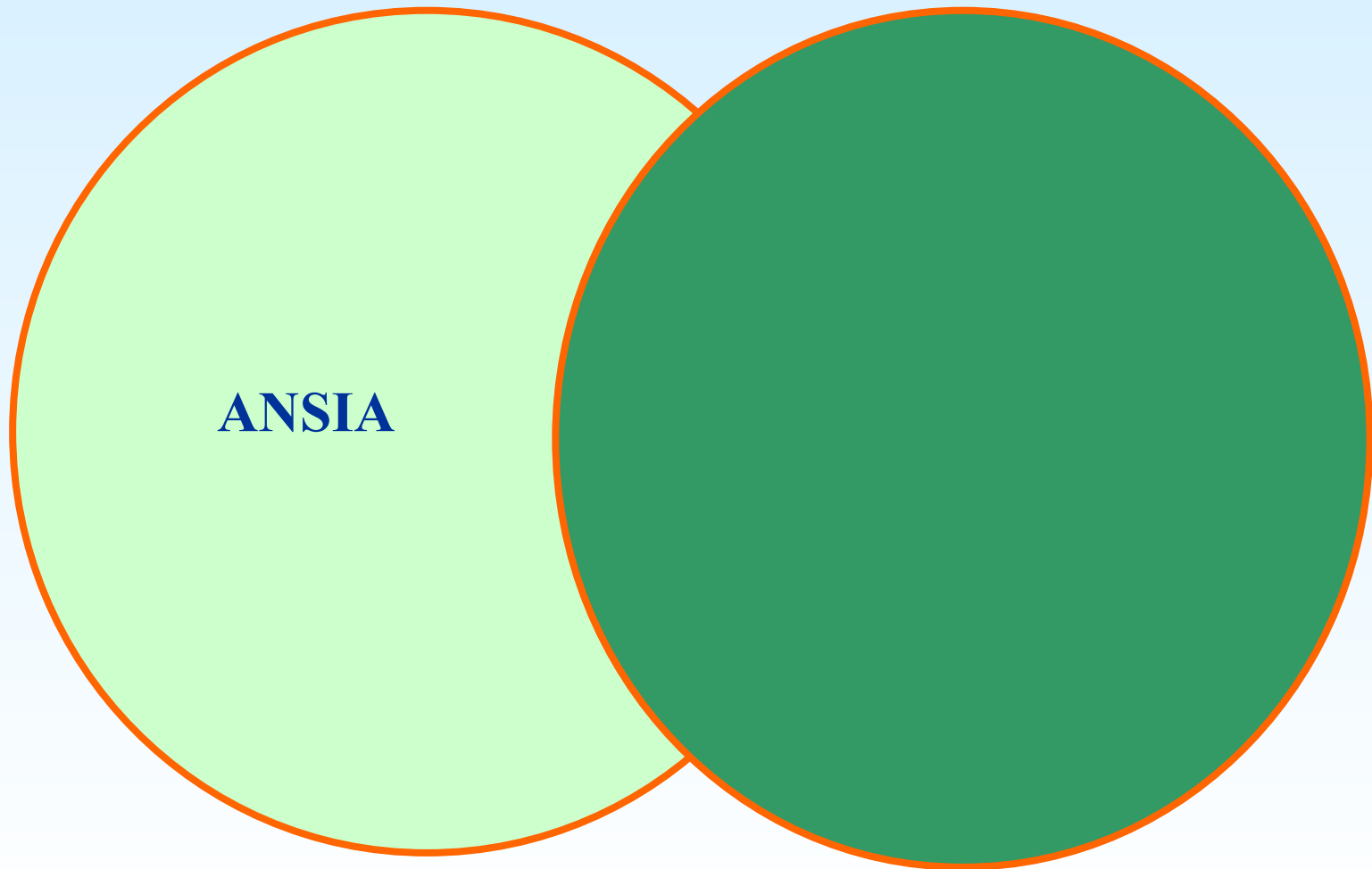
OR

ANSIA OR STRESS



NOT

ANSIA NOT STRESS



IN PRATICA...

1. BACK PAIN	792
2. ADULT	324909
3. BACK PAIN <u>AND</u> ADULT	337
4. BACK PAIN <u>OR</u> ADULT	325364
5. BACK PAIN <u>NOT</u> ADULT	455

QUESITO

I sedativi della tosse sono utili
nel bambino con tosse?



The screenshot shows the PubMed website interface. At the top, there is a navigation bar with the NCBI logo, the PubMed logo, and the National Library of Medicine (NLM) logo. Below this is a search bar with a dropdown menu set to 'PubMed' and a 'for' field. To the right of the search bar are buttons for 'Go' and 'Clear'. Below the search bar is a row of links: 'Limits', 'Preview/Index', 'History', 'Clipboard', and 'Details'. On the left side, there is a sidebar with links to 'About Entrez', 'Text Version', 'Entrez PubMed' (with sub-links: Overview, Help | FAQ, Tutorial, New/Noteworthy, E-Utilities), 'PubMed Services' (with sub-links: Journals Database, MeSH Database, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, LinkOut, Cubby), and 'Related Resources' (with sub-links: Order Documents, NLM Gateway, TOXNET, Consumer Health). The main content area contains a list of search tips, a description of PubMed, and two sections: 'Bookshelf Additions' and 'New PubMed Features'. The 'Bookshelf Additions' section features two book covers: 'Genomes' and 'Human Molecular Genetics'. The 'New PubMed Features' section mentions updates to MEDLINE citations and the MeSH database with the 2004 MeSH vocabulary.

Entrez PubMed Nucleotide Protein Genome Structure PMC Journals Books

Search PubMed for Go Clear

Limits Preview/Index History Clipboard Details

About Entrez

Text Version

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation
Matcher
Batch Citation Matcher
Clinical Queries
LinkOut
Cubby

Related Resources

Order Documents
NLM Gateway
TOXNET
Consumer Health

- Enter one or more search terms, or click [Preview/Index](#) for advanced searching.
- Enter [author names](#) as smith jc. Initials are optional.
- Enter [journal titles](#) in full or as MEDLINE abbreviations. Use the [Journals Database](#) to find journal titles.

PubMed, a service of the National Library of Medicine, includes over 14 million citations for biomedical articles back to the 1950's. These citations are from MEDLINE and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources.

Bookshelf Additions

New PubMed Features

MEDLINE citations and the MeSH database have been updated with 2004 [MeSH vocabulary](#).

There are two new books now available for interactive searches on the [Bookshelf](#):

1. *Genomes* by T. A. Brown.
2. *Human Molecular Genetics* by

RICERCA CON TERMINI LIBERI

The screenshot shows the PubMed interface. At the top, the NCBI logo is on the left, and the PubMed logo with 'National Library of Medicine NLM' is on the right. Below the logos is a navigation bar with tabs: PubMed, Nucleotide, Protein, Genome, Structure, PDB, Taxonomy, OMIM, and Books. The search bar contains the text 'cough AND sedative AND pediatric'. To the right of the search bar are 'Go' and 'Clear' buttons. Below the search bar is a row of links: Limits, Preview/Index, History, Clipboard, and Details. Further down is a row with 'Display' (set to Summary), 'Show' (set to 20), 'Sort' (set to Relevance), and 'Send to' (set to Text). Below this row, it says 'Items 1-6 of 6' and 'One page.' on the right. An orange box highlights the search bar, the 'Go' button, the 'Limits' link, the 'Display' dropdown, the 'Show' dropdown, the 'Sort' dropdown, and the 'Send to' dropdown. On the left side of the page, there is a sidebar with links: 'About Entrez', 'Text Version', 'Entrez PubMed' (with sub-links: Overview, Help | FAQ, Tutorial, New/Noteworthy, E-Utilities), 'PubMed Services' (with sub-links: Journals Database, MeSH Browser, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, LinkOut, Cubby), and 'Related Resources' (with sub-links: Order Documents, NLM Gateway, TOXNET, Consumer Health).

Search PubMed for cough AND sedative AND pediatric

Go Clear

Limits Preview/Index History Clipboard Details

Display Summary Show: 20 Sort Send to Text

Items 1-6 of 6 One page.

☐ 1: Beebe DS, Tran P, Bragg M, Stillman A, Truwitt C, Belani KG. [Related Articles, Links](#)
Trained nurses can provide safe and effective sedation for MRI in pediatric patients.
Can J Anaesth. 2000 Mar;47(3):205-10.
PMID: 10730728 [PubMed - indexed for MEDLINE]

☐ 2: Slonim AD, Ognibene FP. [Related Articles, Links](#)
Amnestic agents in pediatric bronchoscopy.
Chest. 1999 Dec;116(6):1802-8.
PMID: 10593809 [PubMed - indexed for MEDLINE]

☐ 3: Clemens CJ, Taylor JA, Almquist JR, Quinn HC, Mehta A, Naylor GS. [Related Articles, Links](#)
Is an antihistamine-decongestant combination effective in temporarily relieving symptoms of the common cold in preschool children?
J Pediatr. 1997 Mar;130(3):463-6.
PMID: 9063425 [PubMed - indexed for MEDLINE]

☐ 4: Zwass MS, Fisher DM, Welborn LG, Cote CJ, Davis PJ, Dinner M, Hannallah RS, Liu LM, [Related Articles, Links](#)
Sarner J, McGill WA, et al.
Induction and maintenance characteristics of anesthesia with desflurane and nitrous oxide in infants and children.

RICERCA CON TERMINI MESH

The screenshot shows the NCBI MeSH search interface. The browser window has a toolbar with various icons. The NCBI logo is in the top left, and the MeSH logo is in the top center. A navigation bar at the top contains links to PubMed, Nucleotide, Protein, Genome, Structure, PMC, and Taxonomy. Below this is a search bar with the text "Search MeSH for COUGH" and buttons for "Go" and "Clear". A red arrow labeled 'A' points to the "MeSH" dropdown menu. Below the search bar are tabs for "Limits", "Preview/Index", "History", "Clipboard", and "Details". A suggestions list shows: [Cough](#); [Coughs](#); [Cougar](#); [Cougars](#); [County](#); [Coral](#); [Colic](#); [Comas](#); [Colon](#); [Color](#); [more...](#). Below the suggestions are buttons for "Display", "Summary", "Show: 2", "Send to", and "Search Box with AND". A red arrow labeled 'C' points to the "Send to" button. Below these buttons is a status bar showing "Items 1-3 of 3" and "One page." On the left side, there is a sidebar with links to "About Entrez", "Text Version", "Entrez PubMed", "Overview", "Help | FAQ", "Tutorial", "New/Note worthy", "E-Utilities", "PubMed Services", "Journals Database", "MeSH Database", "Single Citation", "Matcher", "Batch Citation", "Matcher", "Clinical Queries", "LinkOut", "Cubby", "Related Resources", "Order Documents", "NLM Gateway", "TOXNET", "Consumer Health", "Clinical Alerts", "ClinicalTrials.gov", "PubMed Central", and "Privacy Policy". A red arrow labeled 'B' points to the "MeSH Database" link, which is circled in red. The main content area displays three search results:

- Build a search strategy using the [Send to Search Box](#) feature.
- Select a database (e.g., PubMed) under the Links menu to retrieve items with that term.

☒ 1: [Cough](#) Links
A sudden, audible expulsion of air from the lungs through a partially closed glottis, preceded by inhalation. It is a protective response that serves to clear the trachea, bronchi, and/or lungs of irritants and secretions, or to prevent aspiration of foreign materials into the lungs.

☐ 2: [Headache](#) Links
Pain in the cranial region that may occur as an isolated and benign symptom or as a manifestation of a wide variety of conditions including SUBARACHNOID HEMORRHAGE; CRANIOCEREBRAL TRAUMA; CENTRAL NERVOUS SYSTEM INFECTIONS; INTRACRANIAL HYPERTENSION; and other disorders. In general, recurrent headaches that are not associated with a primary disease process are referred to as HEADACHE DISORDERS (e.g., MIGRAINE).

☐ 3: [Whooping Cough](#) Links
A respiratory infection caused by BORDETELLA PERTUSSIS and characterized by paroxysmal coughing ending in a prolonged crowing intake of breath.

RICERCA CON TERMINI MESH

The screenshot shows the NCBI MeSH browser interface. At the top, there are logos for NCBI, MeSH, and the National Library of Medicine (NLM). A red box with the number '1' is placed over the NLM logo. Below the logos, there is a navigation bar with tabs for Entrez, PubMed, Nucleotide, Protein, Genome, Structure, PMC, Journals, and Books. The 'Entrez' tab is selected. In the search bar, 'MeSH' is selected from a dropdown menu, and 'cough' is entered in the search field. There are 'Go' and 'Clear' buttons. Below the search bar, there are links for Limits, Preview/Index, History, Clipboard, and Details. A 'Display' dropdown is set to 'Full', 'Show' is set to '20', and 'Send to' is set to 'Search Box with AND'. On the left side, there is a sidebar with links for About Entrez, Text Version, Entrez PubMed (Overview, Help | FAQ, Tutorial, New/Noteworthy, E-Utilities), PubMed Services (Journals Database, MeSH Database, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, LinkOut, Cubby), and Related Resources (Order Documents, NLM Gateway, TOXNET, Consumer Health). The main content area displays the search results for 'cough'. It includes a list of subheadings with checkboxes next to them, such as 'blood', 'chemically induced', 'classification', 'complications', 'diagnosis', 'diet therapy', 'drug therapy', 'economics', 'enzymology', 'epidemiology', 'ethnology', 'etiology', 'genetics', 'history', 'immunology', 'metabolism', 'microbiology', 'mortality', 'nursing', 'parasitology', 'pathology', 'physiopathology', 'prevention and control', 'psychology', 'radiography', 'radionuclide imaging', 'radiotherapy', 'rehabilitation', 'surgery', 'therapy', 'transmission', 'ultrasonography', 'urine', 'veterinary', and 'virology'. There is also a checkbox for 'Restrict Search to Major Topic headings only'. A 'Links' link is visible on the right side of the main content area.

1

Entrez PubMed Nucleotide Protein Genome Structure PMC Journals Books

Search MeSH for cough Go Clear

Limits Preview/Index History Clipboard Details

Display Full Show: 20 Send to Search Box with AND

- If making selections (e.g., Subheadings, etc.), use the [Send to Search Box](#) feature to see PubMed records with those specifications.
- Select PubMed under the Links menu to retrieve all records for the MeSH Term.
- Select [NLM MeSH Browser](#) under the Links menu for additional information.

☐ **1: Cough** [Links](#)

A sudden, audible expulsion of air from the lungs through a partially closed glottis, preceded by inhalation. It is a protective response that serves to clear the trachea, bronchi, and/or lungs of irritants and secretions, or to prevent aspiration of foreign materials into the lungs.

Subheadings:

☐ blood ☐ chemically induced ☐ classification ☐ complications ☐ diagnosis ☐ diet therapy ☐ drug therapy ☐ economics ☐ enzymology ☐ epidemiology ☐ ethnology ☐ etiology ☐ genetics ☐ history ☐ immunology ☐ metabolism ☐ microbiology ☐ mortality ☐ nursing ☐ parasitology ☐ pathology ☐ physiopathology ☐ prevention and control ☐ psychology ☐ radiography ☐ radionuclide imaging ☐ radiotherapy ☐ rehabilitation ☐ surgery ☐ therapy ☐ transmission ☐ ultrasonography ☐ urine ☐ veterinary ☐ virology

☐ Restrict Search to Major Topic headings only

Segue..

RICERCA CON TERMINI MESH

Related Resources
Order Documents
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

Privacy Policy →

☐ radiography ☐ radionuclide imaging ☐ radiotherapy ☐ rehabilitation ☐ surgery ☐ therapy **2**
☐ transmission ☐ ultrasonography ☐ urine ☐ veterinary ☐ virology

☐ Restrict Search to Major Topic headings only
☐ Do Not Explode this term (i.e., do not include MeSH terms found below this term in the MeSH tree).

Entry Terms:

- Coughs

See Also:

- [Antitussive Agents](#)
- [Expectorants](#)

[All MeSH Categories](#)
 [Diseases Category](#)
 [Respiratory Tract Diseases](#)
 [Respiration Disorders](#)
 Cough

[All MeSH Categories](#)
 [Diseases Category](#)
 [Pathological Conditions, Signs and Symptoms](#)
 [Signs and Symptoms](#)
 [Signs and Symptoms, Respiratory](#)
 Cough

Display: Full Show: 20 Send to: Search Box with AND

RICERCA CON TERMINI MESH

The screenshot shows the NCBI MeSH search interface. The search bar contains 'COUGH' and the results are displayed in a list format. A red arrow points to the 'About Entrez' link in the left sidebar.

Search Results:

- 1: [Cough](#)**
A sudden, audible expulsion of air from the lungs through a partially closed glottis, preceded by inhalation. It is a protective response that serves to clear the trachea, bronchi, and/or lungs of irritants and secretions, or to prevent aspiration of foreign materials into the lungs.
- 2: [Headache](#)**
Pain in the cranial region that may occur as an isolated and benign symptom or as a manifestation of a wide variety of conditions including SUBARACHNOID HEMORRHAGE; CRANIOCEREBRAL TRAUMA; CENTRAL NERVOUS SYSTEM INFECTIONS; INTRACRANIAL HYPERTENSION; and other disorders. In general, recurrent headaches that are not associated with a primary disease process are referred to as HEADACHE DISORDERS (e.g., MIGRAINE).
- 3: [Whooping Cough](#)**
A respiratory infection caused by BORDETELLA PERTUSSIS and characterized by paroxysmal coughing ending in a prolonged crowing intake of breath.

Search Strategy:

- Build a search strategy using the [Send to Search Box](#) feature.
- Select a database (e.g., PubMed) under the Links menu to retrieve items with that term.

RICERCA CON TERMINI MESH

The screenshot shows the NCBI MeSH search interface. At the top, there's a navigation bar with links to PubMed, Nucleotide, Protein, Genome, Structure, PMC, and Taxonomy. Below this is a search bar where 'MeSH' is selected as the database and 'for SEDATIVE' is entered. An orange arrow points to the 'MeSH' dropdown menu. Below the search bar are tabs for Limits, Preview/Index, History, Clipboard, and Details. The main search area displays '"Cough" [MeSH]' in a text box, with 'Search PubMed' and 'Clear' buttons below it. Below this, there are suggestions: [Sedatives](#), [Sedoval](#), [Seduxen](#), [Predate](#), [Serratia](#), [Sedes a](#), [Sensation](#), [Sealions](#), [Sentrins](#), [Incentive](#), and [more...](#). Below the suggestions is a control bar with 'Display' (Summary), 'Show: 20', 'Send to', and 'Search Box with AND'. Below this, there are two bullet points: 'Build a search strategy using the [Send to Search Box](#) feature.' and 'Select a database (e.g., PubMed) under the Links menu to retrieve items with that term.' An orange arrow points to the 'Links' menu. Below the bullet points is a checkbox labeled '1: [Hypnotics and Sedatives](#)' with a description: 'Drugs used to induce drowsiness or sleep or to reduce psychological excitement or anxiety.' An orange arrow points to the 'Hypnotics and Sedatives' link. On the right side, there is a vertical 'Links' menu. At the bottom left, there is a 'Privacy Policy' link. The bottom right corner has the '©KIRI' logo.

NCBI MeSH

PubMed Nucleotide Protein Genome Structure PMC Taxonomy

Search MeSH for SEDATIVE Go Clear

Limits Preview/Index History Clipboard Details

"Cough" [MeSH]

Search PubMed Clear

Suggestions: [Sedatives](#); [Sedoval](#); [Seduxen](#); [Predate](#); [Serratia](#); [Sedes a](#); [Sensation](#); [Sealions](#); [Sentrins](#); [Incentive](#); [more...](#)

Display Summary Show: 20 Send to Search Box with AND

- Build a search strategy using the [Send to Search Box](#) feature.
- Select a database (e.g., PubMed) under the Links menu to retrieve items with that term.

☐ 1: [Hypnotics and Sedatives](#)

Drugs used to induce drowsiness or sleep or to reduce psychological excitement or anxiety.

Links

Privacy Policy

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RICERCA CON TERMINI MESH

The screenshot shows the NCBI MeSH website. The top navigation bar includes links to PubMed, Nucleotide, Protein, Genome, Structure, PMC, and Taxonomy. The main search area has a dropdown menu set to 'MeSH' and a search box containing 'ANTITUSSIVE'. A red arrow points to the search box, and a red letter 'A' is placed above it. Below the search box are tabs for 'Limits', 'Preview/Index', 'History', 'Clipboard', and 'Details'. A text input field contains '"Cough" [MeSH]', with 'Search PubMed' and 'Clear' buttons below it. A suggestions list includes: [Antitussives](#), [Antitoxins](#), [Antivenins](#), [Antioxidants](#), [Pertussigen](#), [Antiplasmin](#), [Antiseptics](#), [Antiporoters](#), [Antistrumin](#), [Antifolates](#), and [more...](#). Below this is a 'Display' section with a 'Summary' dropdown, a 'Show: 20' dropdown, a 'Send to' button, and a 'Search Box with AND' dropdown. On the left sidebar, the 'Entrez PubMed' link is highlighted with a red arrow and a red letter 'C'. The 'PubMed Services' section includes links to 'Journals Database', 'MeSH Database', 'Single Citation Matcher', 'Batch Citation Matcher', 'Clinical Queries', 'LinkOut', and 'Cubby'. A red arrow points to the 'MeSH Database' link, and a red letter 'B' is placed next to it. The 'Related Resources' section includes links to 'Order Documents', 'NLM Gateway', 'TOXNET', 'Consumer Health', 'Clinical Alerts', 'ClinicalTrials.gov', and 'PubMed Central'. At the bottom, there is a 'Privacy Policy' link. The main content area displays a search result for 'Antitussive Agents' with a checkbox and a link to 'Links'. The text describes agents that suppress cough and act centrally on the medullary cough center, mentioning EXPECTORANTS.

NCBI MeSH

PubMed Nucleotide Protein Genome Structure PMC Taxonomy

Search MeSH for ANTITUSSIVE Go Clear

Limits Preview/Index History Clipboard Details

"Cough" [MeSH]

Search PubMed Clear

Suggestions: [Antitussives](#); [Antitoxins](#); [Antivenins](#); [Antioxidants](#); [Pertussigen](#); [Antiplasmin](#); [Antiseptics](#); [Antiporoters](#); [Antistrumin](#); [Antifolates](#); [more...](#)

Display Summary Show: 20 Send to Search Box with AND

- Build a search strategy using the [Send to Search Box](#) feature.
- Select a database (e.g., [PubMed](#)) under the [Links](#) menu to retrieve items with that term.

☐ 1: [Antitussive Agents](#) [Links](#)

Agents that suppress cough. They act centrally on the medullary cough center. EXPECTORANTS, also used in the treatment of cough, act locally.

RICERCA CON TERMINI MESH

NCBI MeSH

PubMed Nucleotide Protein Genome Structure PMC Taxonomy

Search MeSH for ANTITUSSIVE Go Clear

Limits Preview/Index History Clipboard Details

About Entrez

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation

Matcher

Batch Citation

Matcher

Clinical Queries

LinkOut

Cubby

Related Resources

Order Documents

NLM Gateway

TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

PubMed Central

Privacy Policy

"Cough"[MeSH] AND "Antitussive Agents"[MeSH]

Search PubMed Clear

Suggestions: [Antitussives](#); [Antitoxins](#); [Antitussives](#); [Antioxidants](#); [Pertussigen](#); [Antiplasmin](#); [Antiseptics](#); [Antiporters](#); [Antistrumin](#); [Antifolates](#); [more...](#)

Display Summary Show: 20 Send to Search Box with AND

- Build a search strategy using the [Send to Search Box](#) feature.
- Select a database (e.g., PubMed) under the Links menu to retrieve items with that term.

☐ 1: [Antitussive Agents](#) Links

Agents that suppress cough. They act centrally on the medullary cough center. EXPECTORANTS, also used in the treatment of cough, act locally.

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RICERCA CON TERMINI MESH

"cough"[MESH] AND "Antitussive Agents"[MESH]

The screenshot shows the PubMed website interface. The search bar at the top contains the query "cough"[MESH] AND "Antitussive Agents"[MESH]. Below the search bar, there are tabs for "Limits", "Preview/Index", "History", "Clipboard", and "Details". The "Limits" tab is selected. The search results are displayed in a table with columns for "Display", "Summary", "Show", "Sort", "Send to", and "Text". The results are sorted by "Text" and show 1-20 of 563 items. The first four results are listed below:

Display	Summary	Show	Sort	Send to	Text
☐ 1:	Homs J, Walsh D, Nelson KA, Sarhill N, Rybicki L, Legrand SB, Davis MP.	20			
A phase II study of hydrocodone for cough in advanced cancer. Am J Hosp Palliat Care. 2002 Jan-Feb;19(1):49-56. PMID: 12171425 [PubMed - indexed for MEDLINE]					
☐ 2:	Dhawan K, Sharma A.				
Antitussive activity of the methanol extract of Passiflora incarnata leaves. Fitoterapia. 2002 Aug;73(5):397-9. PMID: 12163335 [PubMed - indexed for MEDLINE]					
☐ 3:	Chapman RW, House A, Skeans S, Lamca J, Egan RW, Celly C, Hey JA.				
A simple non-invasive method to measure the cough reflex in dogs. J Pharmacol Toxicol Methods. 2001 Jul-Aug;46(1):21-6. PMID: 12164256 [PubMed - indexed for MEDLINE]					
☐ 4:	Morita K, Onodera K, Kamei J.				
Inhaled pinacidil, an ATP-sensitive K ⁺ channel opener, and moguisteine have potent antitussive effects in guinea pigs. Jpn J Pharmacol. 2002 Jun;89(2):171-5.					

On the left side of the page, there is a sidebar with links to "About Entrez", "Text Version", "Entrez PubMed", "PubMed Services", and "Related Resources".

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LIMITS

The screenshot shows the PubMed website interface. At the top, there are logos for NCBI, PubMed, and the National Library of Medicine (NLM). Below the logos, there is a navigation bar with tabs for PubMed, Nucleotide, Protein, Genome, Structure, PopSet, Taxonomy, OMIM, and Books. The search bar contains the text "ti[ti]\"[MESH] AND \"antibiotics\"[MESH]". To the right of the search bar are buttons for "Go" and "Clear". Below the search bar, there is a row of links: "Limits", "Preview/Index", "History", "Clipboard", and "Details". The "Limits" link is circled in orange. To the left of the main content area, there is a sidebar with links for "About Entrez", "Text Version", "Entrez PubMed", "Overview", "Help | FAQ", "Tutorial", "New/Noteworthy", "PubMed Services", "Journal Browser", "MeSH Browser", "Single Citation", "Matcher", "Batch Citation Matcher", "Clinical Queries", "LinkOut", "Cubby", "Related Resources", "Order Documents", "NLM Gateway", "TOXNET", "Consumer Health", and "Clinical Alerts". The main content area displays a list of search limits. An orange arrow points from the "Limits" link to the "Limited to:" section. The "Limited to:" section includes a table of search limits and a checkbox for "only items with abstracts".

Search

[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)

- Use All Fields pull-down menu to specify a field.
- Boolean operators AND, OR, NOT must be in upper case.
- If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- Search **limits** may exclude in process and publisher supplied citations.

Limited to:

All Fields	☐ only items with abstracts	
Publication Types	Languages	Subsets
Ages	Human or Animal	Gender
Entrez Date		
Publication Date	From	To

Use the format YYYY/MM/DD; month and day are optional.

LIMITS

All Fields

The screenshot shows the PubMed website interface. At the top, there are logos for NCBI, PubMed, and the National Library of Medicine (NLM). Below the logos is a navigation bar with tabs for PubMed, Nucleotide, Protein, Genome, Structure, PMC, Taxonomy, OMIM, and Books. The main search bar contains the text "Search PubMed for 'cough'[MESH] AND 'Antitussive Agents'[MESH]". Below the search bar are tabs for Limits, Preview/Index, History, Clipboard, and Details. The Limits tab is active, and it contains a list of search criteria and a dropdown menu for selecting the field to limit the search. The dropdown menu is open, showing a list of fields including All Fields, Author, EC/RN Number, Entrez Date, Filter, Issue, Journal, Language, MeSH Date, MeSH Major Topic, and MeSH Subheading. An orange arrow points to the 'All Fields' option in the dropdown menu. To the right of the dropdown menu, there are checkboxes for 'only items with abstracts', 'Human or Animal', and 'Gender'. Below the dropdown menu, there are input fields for 'From' and 'To' dates, and a note that 'month and day are optional'.

Search PubMed for "cough"[MESH] AND "Antitussive Agents"[MESH] Go Clear

Limits Preview/Index History Clipboard Details

- Use All Fields pull-down menu to specify a field.
- Boolean operators AND, OR, NOT must be in upper case.
- If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- Search [limits](#) may exclude in process and publisher supplied citations.

Limited to:

All Fields ☐ only items with abstracts

All Fields Trial Languages Subsets

Author EC/RN Number Human or Animal Gender

Entrez Date

Filter

Issue From To

Journal

Language

MeSH Date

MeSH Major Topic

MeSH Subheading

month and day are optional.

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LIMITS

Publication Types

The screenshot shows the PubMed website interface. At the top, there are logos for NCBI, PubMed, and the National Library of Medicine (NLM). Below the logos is a navigation bar with tabs for PubMed, Nucleotide, Protein, Genome, Structure, PMC, Taxonomy, OMIM, and Books. A search bar contains the text "cough"[MESH] AND "Antitussive Agents"[MESH] with "Go" and "Clear" buttons. Below the search bar are tabs for Limits, Preview/Index, History, Clipboard, and Details. The "Limits" tab is selected. On the left side, there is a sidebar with links for "About Entrez", "Text Version", "Entrez PubMed" (with sub-links: Overview, Help | FAQ, Tutorial, New/Noteworthy, E-Utilities), "PubMed Services" (with sub-links: Journals Database, MeSH Browser, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, LinkOut, Cubby), and "Related Resources" (with sub-links: Order Documents, NLM Gateway, TOXNET, Consumer Health, Clinical Alerts).

The main content area under the "Limits" tab contains a list of instructions:

- Use All Fields pull-down menu to specify a field.
- Boolean operators AND, OR, NOT must be in upper case.
- If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- Search [limits](#) may exclude in process and publisher supplied citations.

Below the instructions is the "Limited to:" section. It includes a dropdown menu for "All Fields" (currently selected), a checkbox for "only items with abstracts", and several other dropdown menus: "Publication Types" (with a red arrow pointing to it), "Languages", "Subsets", "Human or Animal", and "Gender". The "Publication Types" dropdown menu is open, showing a list of options: Clinical Trial, Editorial, Letter, Meta-Analysis, Practice Guideline, Randomized Controlled Trial, and Review. Below the dropdowns are input fields for "From" and "To" dates, with a note "Month and day are optional".

LIMITS

Ages

The screenshot shows the PubMed website interface. At the top, there are logos for NCBI, PubMed, and the National Library of Medicine (NLM). Below the logos is a navigation bar with tabs for PubMed, Nucleotide, Protein, Genome, Structure, PMC, Taxonomy, OMIM, and Books. The search bar contains the query: "cough"[MESH] AND "Antitussive Agents"[MESH]. Below the search bar are tabs for Limits, Preview/Index, History, Clipboard, and Details. The 'Limits' tab is selected. On the left side, there is a sidebar with links to 'About Entrez', 'Text Version', 'Entrez PubMed' (with sub-links: Overview, Help | FAQ, Tutorial, New/Noteworthy, E-Utilities), 'PubMed Services' (with sub-links: Journals Database, MeSH Browser, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, LinkOut, Cubby), and 'Related Resources' (with sub-links: Order Documents, NLM Gateway, TOXNET, Consumer Health, Clinical Studies).

The main content area under the 'Limits' tab contains a list of instructions:

- Use All Fields pull-down menu to specify a field.
- Boolean operators AND, OR, NOT must be in upper case.
- If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- Search [limits](#) may exclude in process and publisher supplied citations.

Below the instructions is the 'Limited to:' section. It includes several dropdown menus and checkboxes:

- All Fields** (dropdown menu)
- ☐ only items with abstracts
- Publication Types** (dropdown menu)
- Languages** (dropdown menu)
- Subsets** (dropdown menu)
- Ages** (dropdown menu, currently open, showing a list of age ranges: All Infant: birth-23 months, All Child: 0-18 years, All Adult: 19+ years, Newborn: birth-1 month, Infant: 1-23 months, Preschool Child: 2-5 years, Child: 6-12 years, Adolescent: 13-18 years, Adult: 19-44 years, Middle Aged: 45-64 years)
- Human or Animal** (dropdown menu)
- Gender** (dropdown menu)

Below the dropdown menus, there are input fields for 'From' and 'To' dates, with a note: 'and day are optional.'

LIMITS

Languages

NCBI PubMed National Library of Medicine NLM

PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM Books

Search PubMed for "cough"[MESH] AND "Antitussive Agents"[MESH] Go Clear

Limits Preview/Index History Clipboard Details

About Entrez

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Browser

Single Citation

Matcher

Batch Citation Matcher

Clinical Queries

LinkOut

Cubby

Related Resources

Order Documents

NLM Gateway

TOXNET

Consumer Health

Use All Fields pull-down menu to specify a field.

Boolean operators AND, OR, NOT must be in upper case.

If search fields tags are used enclose in square brackets, e.g., rubella [ti].

Search limits may exclude in process and publisher supplied citations.

Limited to:

All Fields

Publication Types

Ages

Entrez Date

Publication Date From

only items with abstracts

Languages

Subsets

Gender

English

French

German

Italian

Japanese

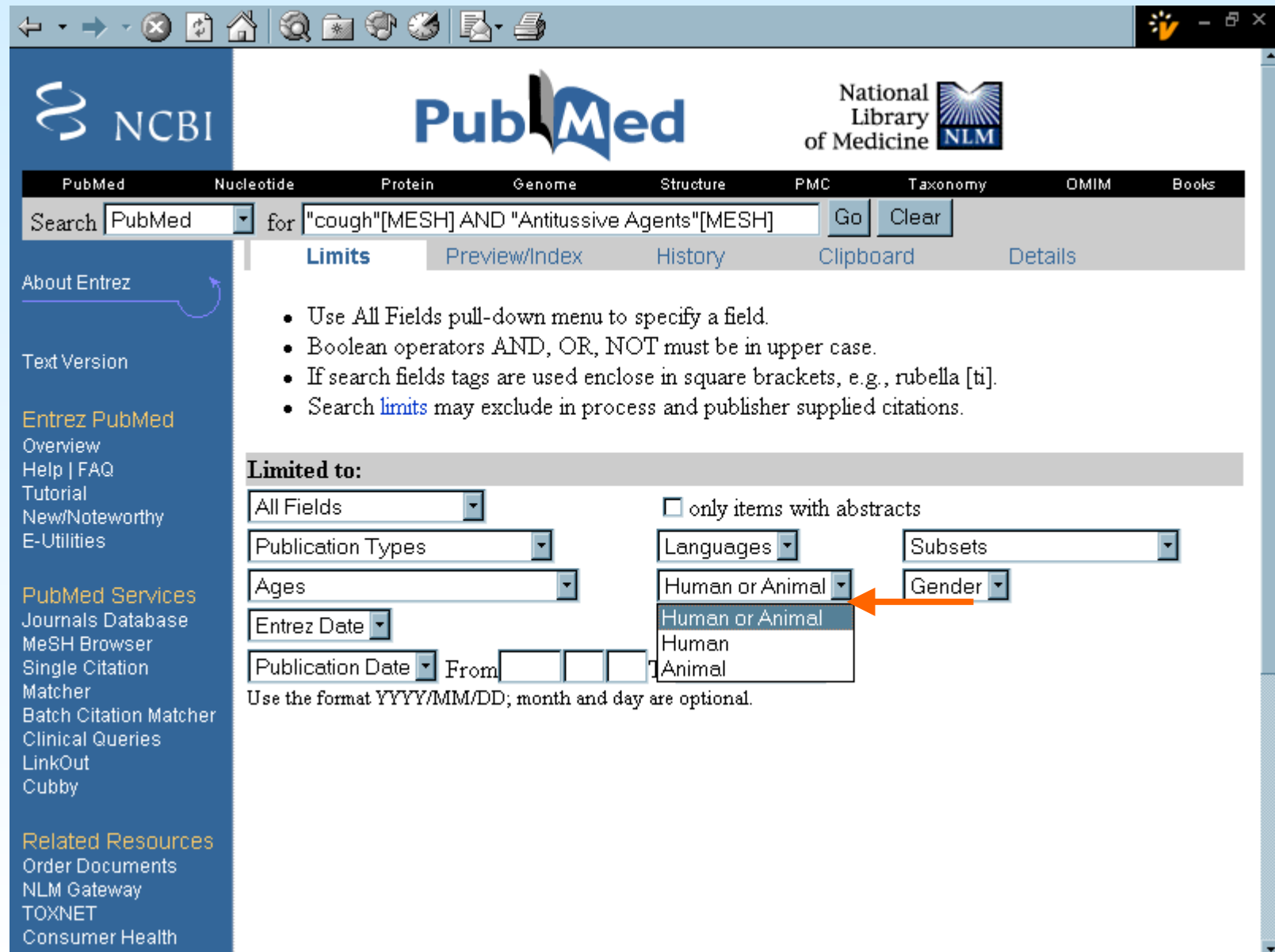
Russian

Spanish

Use the format YYYY/MM/DD; month and day

LIMITS

Human or Animal



NCBI PubMed National Library of Medicine NLM

PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM Books

Search PubMed for "cough"[MESH] AND "Antitussive Agents"[MESH] Go Clear

Limits Preview/Index History Clipboard Details

About Entrez
Text Version
Entrez PubMed
Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities
PubMed Services
Journals Database
MeSH Browser
Single Citation
Matcher
Batch Citation Matcher
Clinical Queries
LinkOut
Cubby
Related Resources
Order Documents
NLM Gateway
TOXNET
Consumer Health

- Use All Fields pull-down menu to specify a field.
- Boolean operators AND, OR, NOT must be in upper case.
- If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- Search [limits](#) may exclude in process and publisher supplied citations.

Limited to:

All Fields Publication Types Ages Entrez Date Publication Date From [] [] []

☐ only items with abstracts

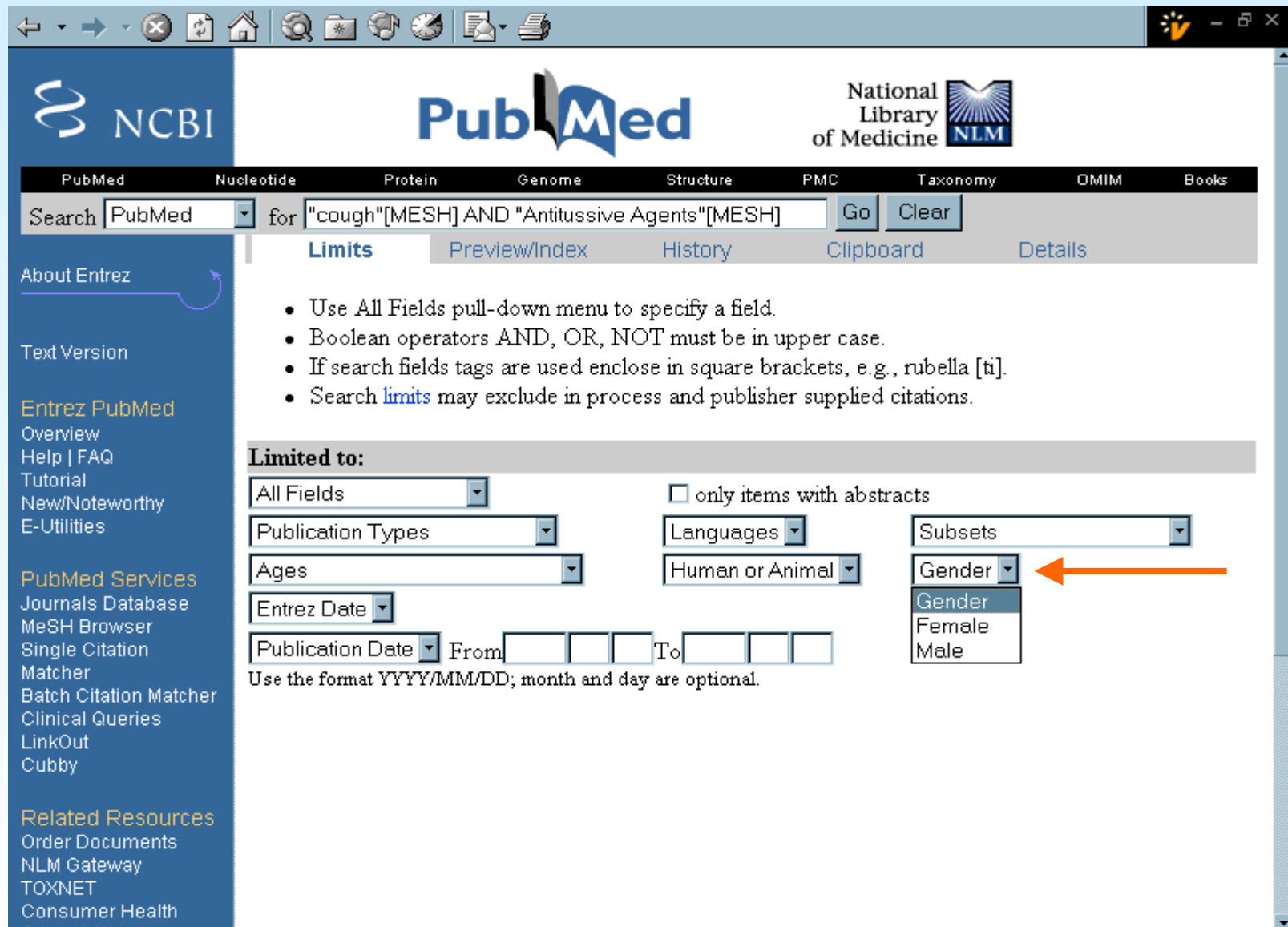
Languages Subsets Gender

Human or Animal
Human or Animal
Human
Animal

Use the format YYYY/MM/DD; month and day are optional.

LIMITS

Gender



NCBI PubMed National Library of Medicine NLM

PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM Books

Search PubMed for "cough"[MESH] AND "Antitussive Agents"[MESH] Go Clear

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- Use All Fields pull-down menu to specify a field.
- Boolean operators AND, OR, NOT must be in upper case.
- If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- Search [limits](#) may exclude in process and publisher supplied citations.

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Publication Types Languages Subsets

Ages Human or Animal Gender

Entrez Date Gender

Publication Date From To

Female

Male

Use the format YYYY/MM/DD; month and day are optional.

PERFEZIONARE LA RICERCA

The screenshot shows the PubMed search interface. At the top, there are logos for NCBI, PubMed, and the National Library of Medicine (NLM). Below the logos is a navigation bar with tabs for PubMed, Nucleotide, Protein, Genome, Structure, PMC, Taxonomy, OMIM, and Books. The search bar contains the query: "cough"[MESH] AND "Antitussive Agents"[MESH]. Below the search bar are tabs for Limits, Preview/Index, History, Clipboard, and Details. On the left side, there is a sidebar with links to About Entrez, Text Version, Entrez PubMed (Overview, Help | FAQ, Tutorial, New/Noteworthy, E-Utilities), PubMed Services (Journals Database, MeSH Browser, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, LinkOut, Cubby), and Related Resources (Order Documents, NLM Gateway, TOXNET, Consumer Health). The main content area contains a list of search tips and a section titled "Limited to:" with various filters. The search query and the "Limited to:" section are highlighted with orange boxes.

Search PubMed for "cough"[MESH] AND "Antitussive Agents"[MESH]

Limits Preview/Index History Clipboard Details

- Use All Fields pull-down menu to specify a field.
- Boolean operators AND, OR, NOT must be in upper case.
- If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- Search [limits](#) may exclude in process and publisher supplied citations.

Limited to:

All Fields ☐ only items with abstracts

Randomized Controlled Trial Languages Subsets

All Child: 0-18 years Human or Animal Gender

Entrez Date

Publication Date From To

Use the format YYYY/MM/DD; month and day are optional.

RISULTATI DELLA RICERCA

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Search PubMed for "cough"[MESH] AND "Antitussive Agents"[MESH] Go Clear

☒ Limits Preview/Index History Clipboard Details

Limits: All Child: 0-18 years, Randomized Controlled Trial

Display Summary Show: 20 Sort Send to Text

Items 1-20 of 21 Page 1 of 2 Next

☐ 1: Rostami-Hodjegan A, Abdul-Manap R, Wright CE, Tucker GT, Morice AH. Related Articles, Links
The placebo response to citric acid-induced cough: pharmacodynamics and gender differences.
Pulm Pharmacol Ther. 2001;14(4):315-9.
PMID: 11440560 [PubMed - indexed for MEDLINE]

☐ 2: Lee PCL, Jawad MS, Eccles R. Related Articles, Links
Antitussive efficacy of dextromethorphan in cough associated with acute upper respiratory tract infection.
J Pharm Pharmacol. 2000 Sep;52(9):1137-42.
PMID: 11045895 [PubMed - indexed for MEDLINE]

☐ 3: Jayaram S, Desai A. Related Articles, Links
Efficacy and safety of Ascoril expectorant and other cough formula in the treatment of cough management in paediatric and adult patients--a randomised double-blind comparative trial.
J Indian Med Assoc. 2000 Feb;98(2):68-70.
PMID: 11016157 [PubMed - indexed for MEDLINE]

☐ 4: Abdul Manap R, Wright CE, Gregory A, Rostami-Hodjegan A, Meller ST, Kelm GR. Related Articles, Links

RISULTATI DELLA RICERCA

The screenshot displays the PubMed web interface. At the top, there are logos for NCBI, PubMed, and the National Library of Medicine (NLM). Below these are navigation tabs for PubMed, Nucleotide, Protein, Genome, Structure, PMC, Taxonomy, OMIM, and Books. A search bar is present with the text 'Search PubMed for' and buttons for 'Go' and 'Clear'. Below the search bar are links for 'Limits', 'Preview/Index', 'History', 'Clipboard', and 'Details'. A 'Display' section shows 'Abstract' selected, with 'Show: 20' and 'Sort' options. A 'Send to' dropdown is set to 'Text'. On the left sidebar, there are links for 'About Entrez', 'Text Version', 'Entrez PubMed' (with sub-links: Overview, Help | FAQ, Tutorial, New/Noteworthy, E-Utilities), 'PubMed Services' (with sub-links: Journals Database, MeSH Browser, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, LinkOut, Cubby), and 'Related Resources' (with sub-links: Order Documents, NLM Gateway, TOXNET, Consumer Health).

Search results for the query 'Pulm Pharmacol Ther 2001;14(4):315-9' are shown. The first result is a full-text article from Elsevier Science, titled 'The placebo response to citric acid-induced cough: pharmacodynamics and gender differences.' by Rostami-Hodjegan A, Abdul-Manap R, Wright CE, Tucker GT, Morice AH. The article is from the 'Section of Molecular Pharmacology and Pharmacogenetics, Clinical Sciences Division, University of Sheffield, Royal Hallamshire Hospital, Sheffield S10 2JF, UK. a.rostami@sheffield.ac.uk'. The abstract text describes a randomized, double-blind crossover trial assessing the antitussive effect of dextromethorphan in healthy subjects.

1: Pulm Pharmacol Ther 2001;14(4):315-9 [Related Articles, Links](#)

ELSEVIER SCIENCE
FULL-TEXT ARTICLE

The placebo response to citric acid-induced cough: pharmacodynamics and gender differences.

Rostami-Hodjegan A, Abdul-Manap R, Wright CE, Tucker GT, Morice AH.

Section of Molecular Pharmacology and Pharmacogenetics, Clinical Sciences Division, University of Sheffield, Royal Hallamshire Hospital, Sheffield S10 2JF, UK. a.rostami@sheffield.ac.uk

Characteristics of the response to placebo in a citric acid-induced cough challenge were investigated as part of a randomized, double-blind crossover trial to assess the antitussive effect of dextromethorphan. Baseline cough responses were established on two occasions in 22 healthy subjects. They received 60 ml placebo antitussive syrup and cough frequency following five inhalations of 10% citric acid over 5 min was measured at regular intervals up to 12 h. Response-time models of varying complexity were used to describe the placebo cough suppression data. The cough response to placebo was also compared to that of the untreated state. The placebo cough response was best characterized by a non-linear increase in cough suppression up to a maximum reduction of 1.6 coughs from baseline at 4-4.5 h. followed by a non-linear return to baseline. The

Visualizzazione formato del record

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Search PubMed for cough[MESH] AND Antitussive Agents [MESH] Go Clear

☒ Limits Preview/Index History Clipboard Details

Limits: All Child: 0-18 years, Randomized Controlled Trial

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☐ 1: Rostami-Hodjegan A, Wright CE, Tucker GT, Morice AH. Citric acid-induced cough: pharmacodynamics and gender differences. [Related Articles, Links](#)

☐ 2: Lee PC. Antitussive efficacy of dextromethorphan in cough associated with acute upper respiratory tract infection. [Related Articles, Links](#)

☐ 3: Jayaram S, Desai A. Efficacy and safety of Ascoril expectorant and other cough formula in the treatment of cough management in paediatric and adult patients--a randomised double-blind comparative trial. [Related Articles, Links](#)

☐ 4: Abdul Manap R, Wright CE, Gregory A, Rostami-Hodjegan A, Meller ST, Kelm GR, ... [Related Articles, Links](#)

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☐ 1: Rostami-Hodjegan A, Abdul-Manap R, Wright CE, Tucker GT, Morice AH. Related Articles, Links
The placebo response to citric acid in cough: pharmacodynamics and gender differences.
Pulm Pharmacol Ther. 2001;14(4):311-316.
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☐ 2: Lee PCL, Jawad MS, Eccles R. Related Articles, Links
Antitussive efficacy of dextromethorphan in cough associated with acute upper respiratory tract infection.
J Pharm Pharmacol. 2000 Sep;52(9):1137-42.
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☐ 3: Jayaram S, Desai A. Related Articles, Links
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J Indian Med Assoc. 2000 Feb;98(2):68-70.
PMID: 11016157 [PubMed - indexed for MEDLINE]

☐ 4: Abdul Manap R, Wright CE, Gregory A, Rostami-Hodjegan A, Meller ST, Kelm GR. Related Articles, Links

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Page 1 of 2 Next

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Pulm Pharmacol Ther. 2001;14(4):315-9.
PMID: 11440560 [PubMed - indexed for MEDLINE]

☐ 2: Lee PCL, Jawad MS, Eccles R. Related Articles, Links
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J Pharm Pharmacol. 2000 Sep;52(9):1137-42.
PMID: 11045895 [PubMed - indexed for MEDLINE]

☐ 3: Jayaram S, Desai A. Related Articles, Links
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J Indian Med Assoc. 2000 Feb;98(2):68-70.
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☐ 4: Abdul Manap R, Wright CE, Gregory A, Rostami-Hodjegan A, Moller ST, Kelm GR, Moller ST, Morice AH. Related Articles, Links
The placebo response to citric acid-induced cough: pharmacodynamics and gender differences.
Pulm Pharmacol Ther. 2001;14(4):315-9.
PMID: 11440560 [PubMed - indexed for MEDLINE]

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Journal
Pub Date

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Search PubMed for cough[MESH] AND Antitussive Agents [MESH] Go Clear

☒ Limits Preview/Index History Clipboard Details

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Items 1-20 of 21

1: Rostami-Hodjegan A, Abdul-Manap R, Wright CE, Tucker GT, Morice A. The placebo response to citric acid-induced cough: pharmacodynamics and gender differences. *Pulm Pharmacol Ther.* 2001;14(4):315-9. PMID: 11440560 [PubMed - indexed for MEDLINE] Related Articles, Links

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3: Jayaram S, Desai A. Efficacy and safety of Ascoril expectorant and other cough formula in the treatment of cough management in paediatric and adult patients--a randomised double-blind comparative trial. *J Indian Med Assoc.* 2000 Feb;98(2):68-70. PMID: 11016157 [PubMed - indexed for MEDLINE] Related Articles, Links

4: Abdul Manap R, Wright CE, Gregory A, Rostami-Hodjegan A, Meller ST, Kelm GR. Related Articles, Links

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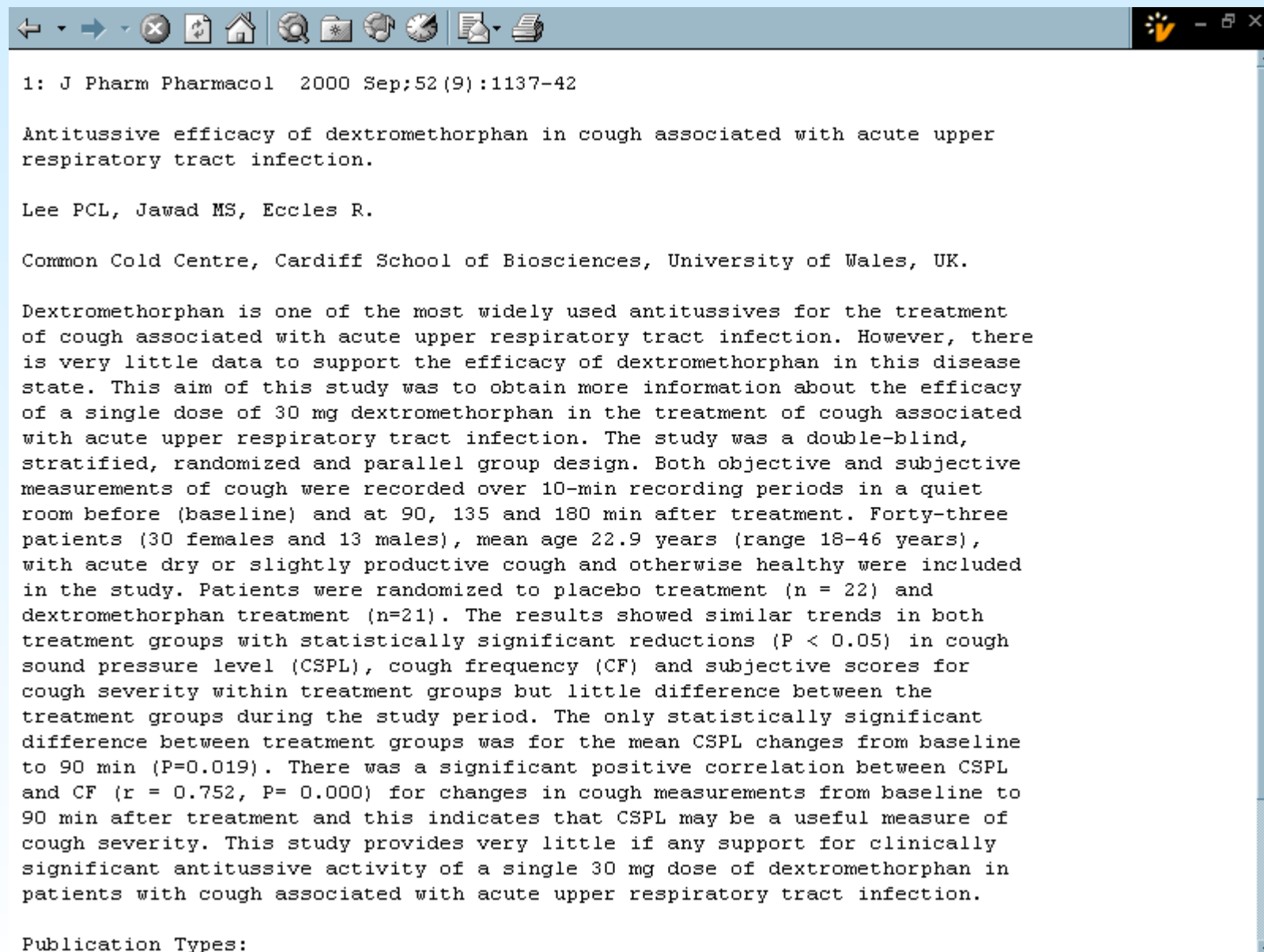
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NLM Gateway

TOXNET

Consumer Health

Formato TEXT



1: J Pharm Pharmacol 2000 Sep;52(9):1137-42

Antitussive efficacy of dextromethorphan in cough associated with acute upper respiratory tract infection.

Lee PCL, Jawad MS, Eccles R.

Common Cold Centre, Cardiff School of Biosciences, University of Wales, UK.

Dextromethorphan is one of the most widely used antitussives for the treatment of cough associated with acute upper respiratory tract infection. However, there is very little data to support the efficacy of dextromethorphan in this disease state. This aim of this study was to obtain more information about the efficacy of a single dose of 30 mg dextromethorphan in the treatment of cough associated with acute upper respiratory tract infection. The study was a double-blind, stratified, randomized and parallel group design. Both objective and subjective measurements of cough were recorded over 10-min recording periods in a quiet room before (baseline) and at 90, 135 and 180 min after treatment. Forty-three patients (30 females and 13 males), mean age 22.9 years (range 18-46 years), with acute dry or slightly productive cough and otherwise healthy were included in the study. Patients were randomized to placebo treatment (n = 22) and dextromethorphan treatment (n=21). The results showed similar trends in both treatment groups with statistically significant reductions ($P < 0.05$) in cough sound pressure level (CSPL), cough frequency (CF) and subjective scores for cough severity within treatment groups but little difference between the treatment groups during the study period. The only statistically significant difference between treatment groups was for the mean CSPL changes from baseline to 90 min ($P=0.019$). There was a significant positive correlation between CSPL and CF ($r = 0.752$, $P = 0.000$) for changes in cough measurements from baseline to 90 min after treatment and this indicates that CSPL may be a useful measure of cough severity. This study provides very little if any support for clinically significant antitussive activity of a single 30 mg dose of dextromethorphan in patients with cough associated with acute upper respiratory tract infection.

Publication Types:

SALVATAGGIO DEI RISULTATI - FUNZIONE *SEND TO FILE*

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PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM Books

Search PubMed for "cough"[MESH] AND "antitussive agents"[MESH] Go Clear

☒ Limits Preview/Index History Clipboard Details

Limits: All Child: 0-18 years, Randomized Controlled Trial

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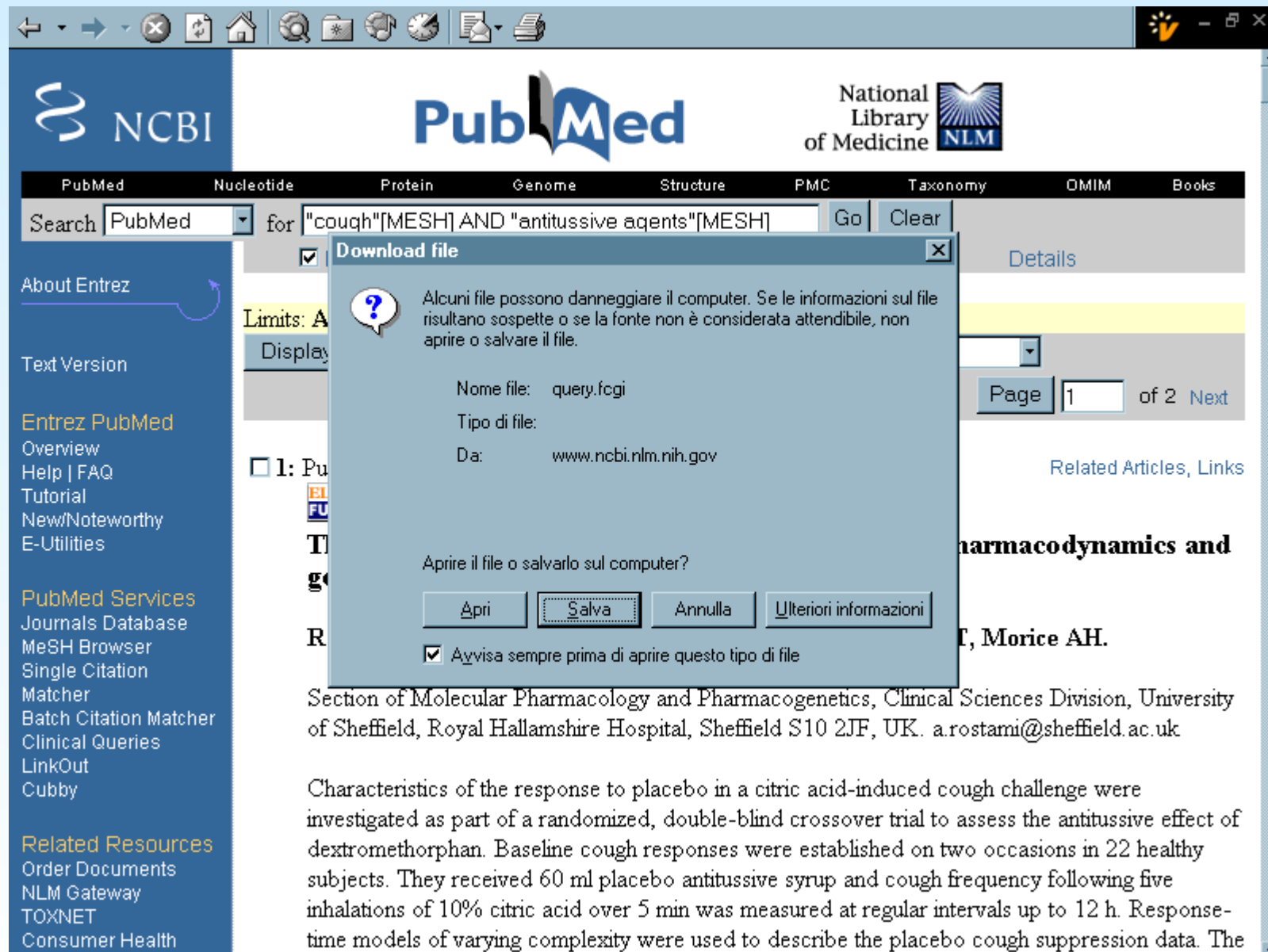
1: Rostami-Hodjegan A, Abdul-Manap R, Wright CE, Tucker GT, Morice AH. The placebo response to citric acid-induced cough: pharmacodynamics and gender differences. *Pulm Pharmacol Ther.* 2001;14(4):315-9. PMID: 11440560 [PubMed - indexed for MEDLINE] Related Articles, Links

2: Lee PCL, Jawad MS, Eccles R. Antitussive efficacy of dextromethorphan in cough associated with acute upper respiratory tract infection. *J Pharm Pharmacol.* 2000 Sep;52(9):1137-42. PMID: 11045895 [PubMed - indexed for MEDLINE] Related Articles, Links

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4: Abdul Manap R, Wright CE, Gregory A, Rostami-Hodjegan A, Meller ST, Kelm GR. Related Articles, Links

SALVATAGGIO DEI RISULTATI - FUNZIONE *SEND TO FILE*

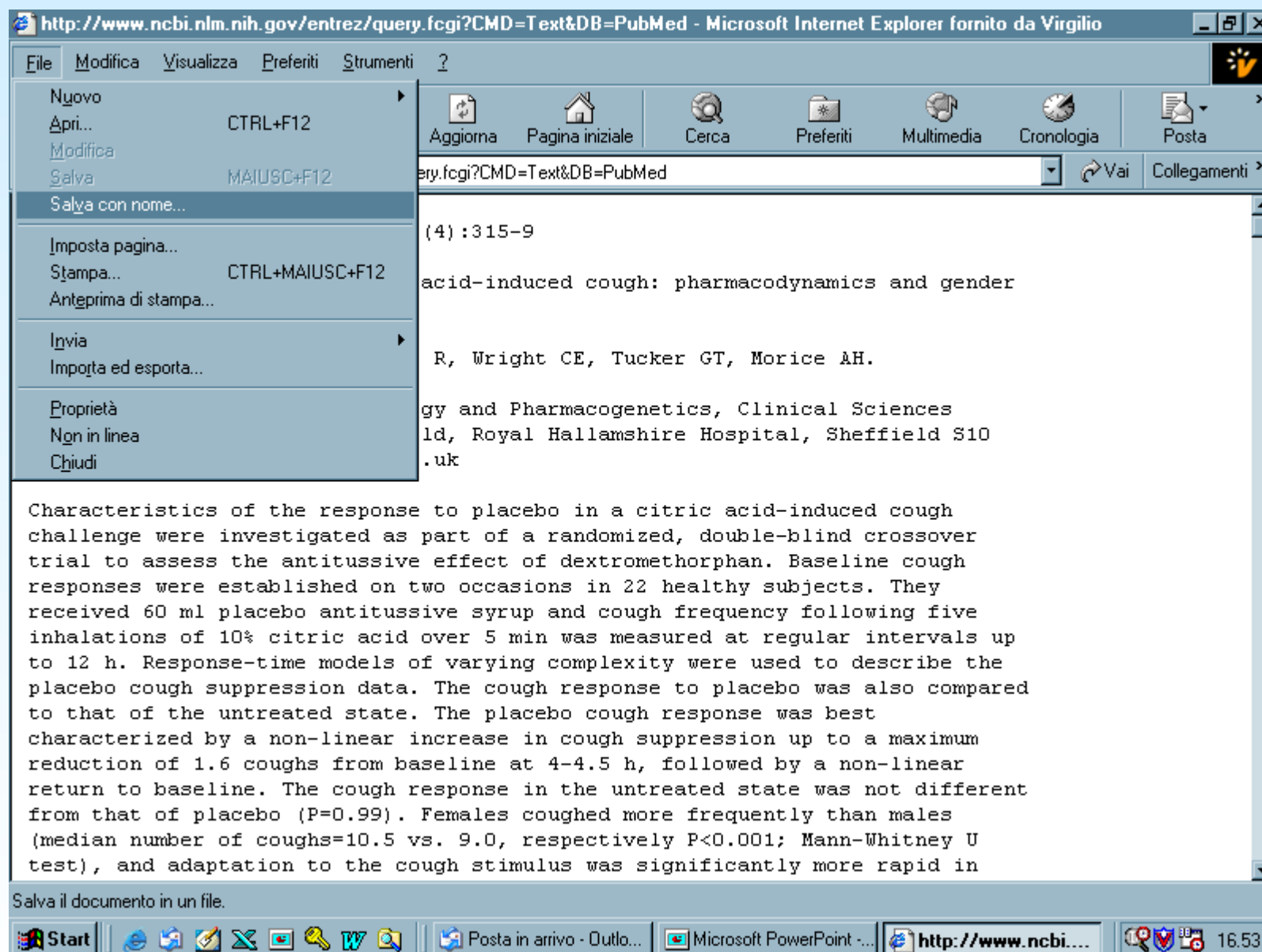


The screenshot shows the PubMed website interface. At the top, there are logos for NCBI, PubMed, and the National Library of Medicine (NLM). Below the logos, there is a navigation bar with links to PubMed, Nucleotide, Protein, Genome, Structure, PMC, Taxonomy, OMIM, and Books. A search bar is present with the text "Search PubMed for 'cough'[MESH] AND 'antitussive agents'[MESH]". A "Go" button and a "Clear" button are next to the search bar. On the left side, there is a sidebar with links to "About Entrez", "Text Version", "Entrez PubMed", "Overview", "Help | FAQ", "Tutorial", "New/Noteworthy", "E-Utilities", "PubMed Services", "Journals Database", "MeSH Browser", "Single Citation Matcher", "Batch Citation Matcher", "Clinical Queries", "LinkOut", "Cubby", "Related Resources", "Order Documents", "NLM Gateway", "TOXNET", and "Consumer Health". A "Download file" dialog box is open in the center of the screen. The dialog box contains the following text: "Alcuni file possono danneggiare il computer. Se le informazioni sul file risultano sospette o se la fonte non è considerata attendibile, non aprire o salvare il file." Below this text, there are fields for "Nome file: query.fcgi", "Tipo di file:", and "Da: www.ncbi.nlm.nih.gov". At the bottom of the dialog box, there are buttons for "Apri", "Salva", "Annulla", and "Ulteriori informazioni". There is also a checkbox labeled "Avvisa sempre prima di aprire questo tipo di file" which is checked. The background of the website shows a search result for "cough" and "antitussive agents". The first result is titled "Pharmacodynamics and Pharmacokinetics of the Antitussive Effect of Dextromethorphan in Healthy Subjects" by Rostami A, Morice AH. The abstract text is visible below the title.

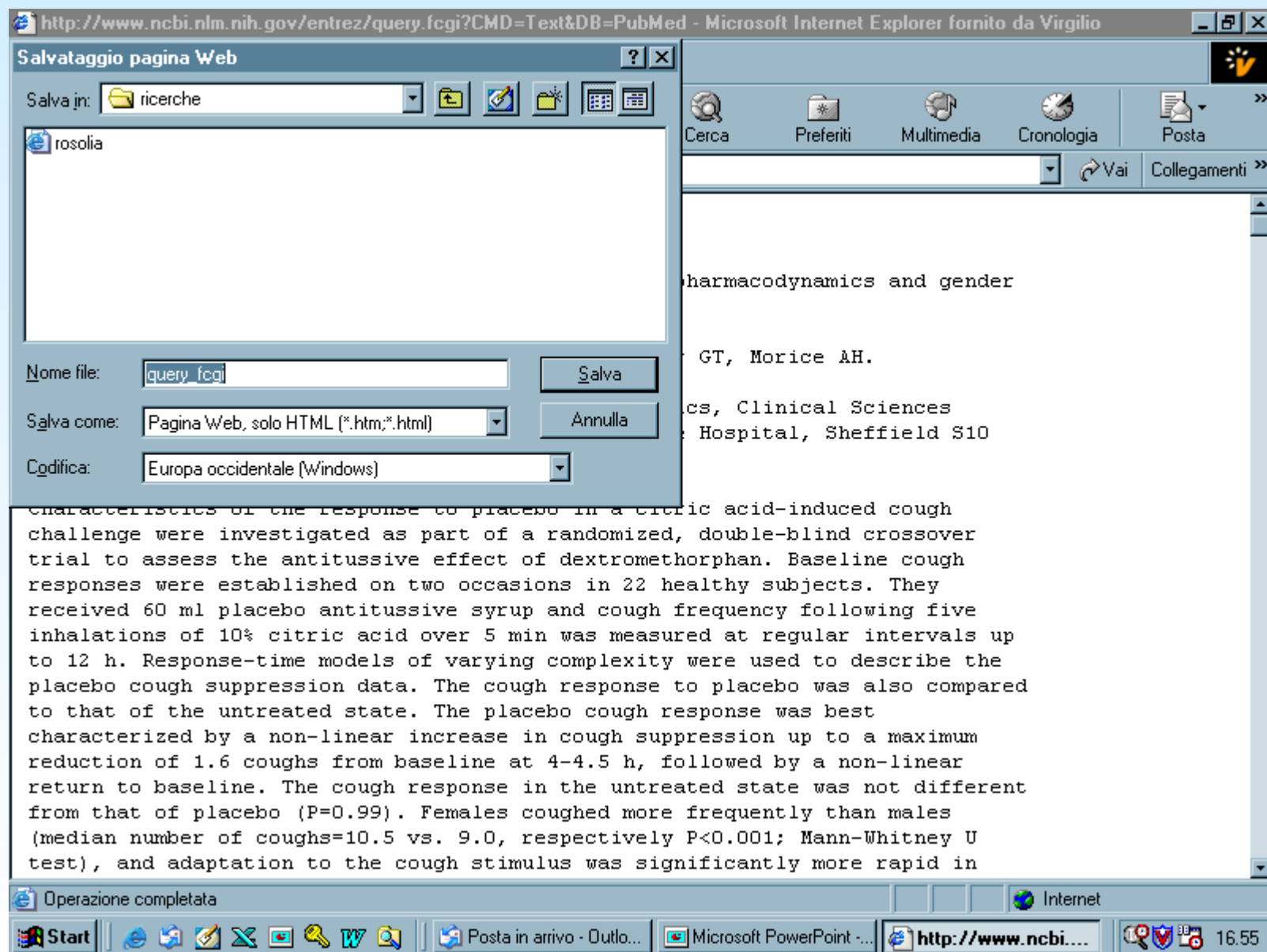
Section of Molecular Pharmacology and Pharmacogenetics, Clinical Sciences Division, University of Sheffield, Royal Hallamshire Hospital, Sheffield S10 2JF, UK. a.rostami@sheffield.ac.uk

Characteristics of the response to placebo in a citric acid-induced cough challenge were investigated as part of a randomized, double-blind crossover trial to assess the antitussive effect of dextromethorphan. Baseline cough responses were established on two occasions in 22 healthy subjects. They received 60 ml placebo antitussive syrup and cough frequency following five inhalations of 10% citric acid over 5 min was measured at regular intervals up to 12 h. Response-time models of varying complexity were used to describe the placebo cough suppression data. The

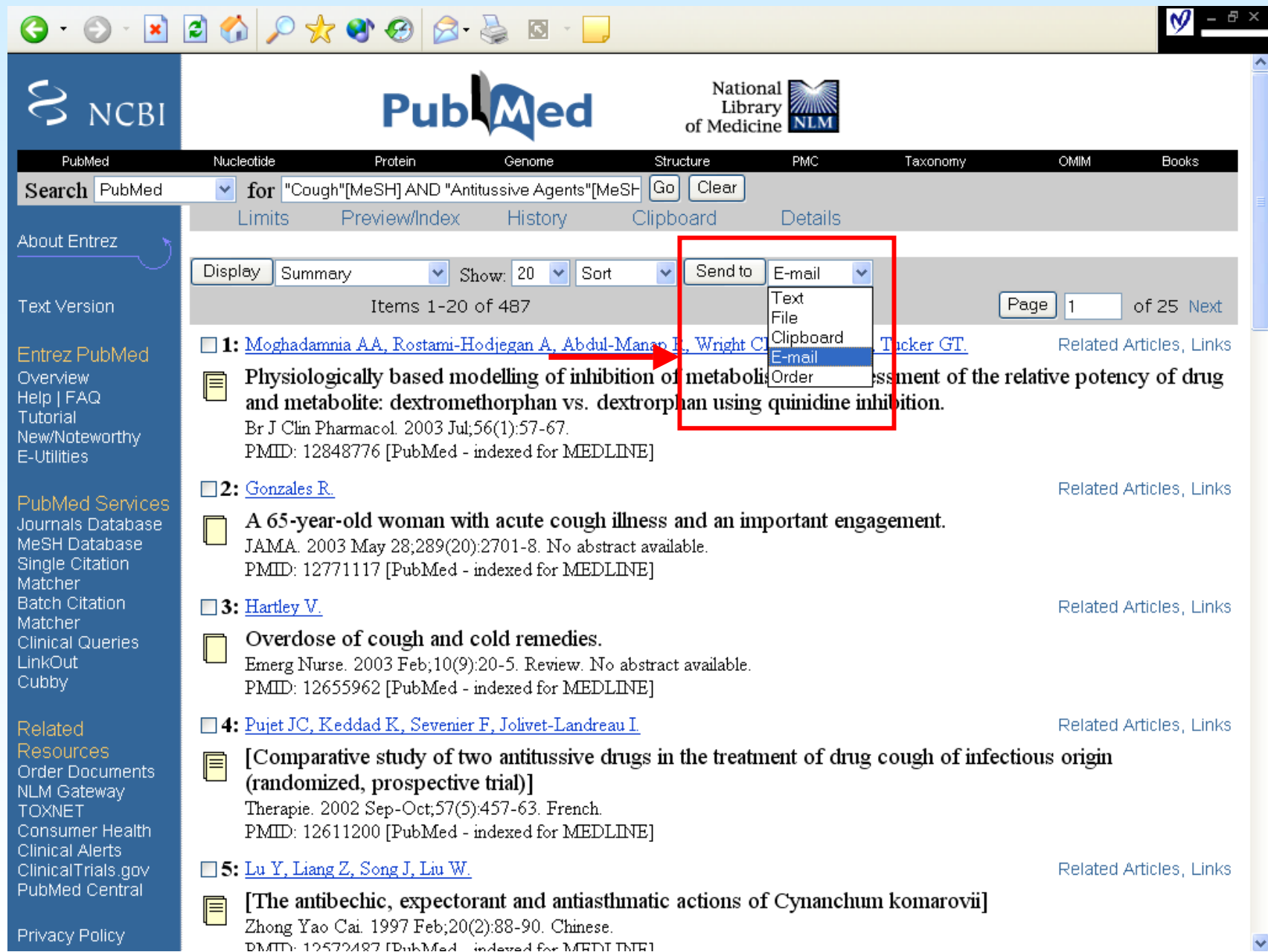
SALVATAGGIO DEI RISULTATI - FUNZIONE FILE/SALVA CON NOME



SALVATAGGIO DEI RISULTATI - FUNZIONE FILE/SALVA CON NOME



INVIO DEI RISULTATI PER MAIL



NCBI PubMed National Library of Medicine NLM

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Search PubMed for "Cough"[MeSH] AND "Antitussive Agents"[MeSH] Go Clear

Limits Preview/Index History Clipboard Details

Display Summary Show: 20 Sort Send to E-mail

Items 1-20 of 487

Page 1 of 25 Next

1: [Moghadamnia AA, Rostami-Hodjegan A, Abdul-Manan F, Wright C, Tucker GT.](#) **Physiologically based modelling of inhibition of metabolism and metabolite: dextromethorphan vs. dextropropanolol using quinidine inhibition.** Br J Clin Pharmacol. 2003 Jul;56(1):57-67. PMID: 12848776 [PubMed - indexed for MEDLINE]

2: [Gonzales R.](#) **A 65-year-old woman with acute cough illness and an important engagement.** JAMA. 2003 May 28;289(20):2701-8. No abstract available. PMID: 12771117 [PubMed - indexed for MEDLINE]

3: [Hartley V.](#) **Overdose of cough and cold remedies.** Emerg Nurse. 2003 Feb;10(9):20-5. Review. No abstract available. PMID: 12655962 [PubMed - indexed for MEDLINE]

4: [Pujat JC, Keddad K, Sevenier F, Jolivet-Landreau I.](#) **[Comparative study of two antitussive drugs in the treatment of drug cough of infectious origin (randomized, prospective trial)]** Therapie. 2002 Sep-Oct;57(5):457-63. French. PMID: 12611200 [PubMed - indexed for MEDLINE]

5: [Lu Y, Liang Z, Song J, Liu W.](#) **[The antitussive, expectorant and antiasthmatic actions of Cynanchum komarovii]** Zhong Yao Cai. 1997 Feb;20(2):88-90. Chinese. PMID: 12572487 [PubMed - indexed for MEDLINE]

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INVIO DEI RISULTATI PER MAIL

The screenshot shows the PubMed website interface. At the top, there are logos for NCBI, PubMed, and the National Library of Medicine (NLM). Below the logos, a navigation bar includes links for Entrez, PubMed, Nucleotide, Protein, Genome, Structure, PMC, and Journals. A search bar contains the text "liberati a [au]" with "PubMed" selected in the dropdown menu. To the right of the search bar are "Go" and "Clear" buttons. Below the search bar, a row of links includes "Limits", "Preview/Index", "History", "Clipboard", "Details", and "E-mail".

On the left side, there is a sidebar with the following sections:

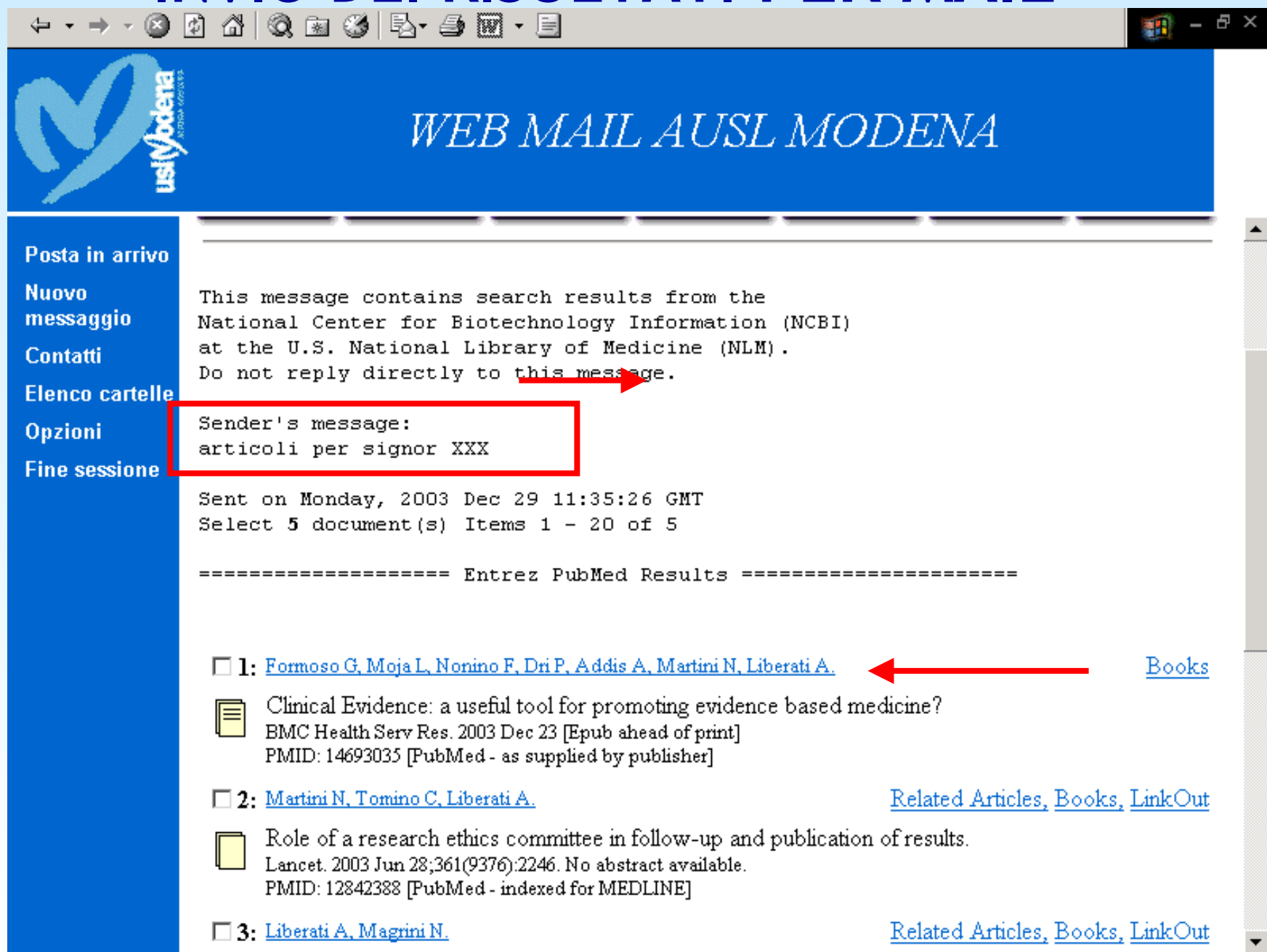
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The main content area displays the following options:

- Select options, enter recipient's e-mail address, and click Mail.
- Select 5 document(s)
- Format as
- Sorting
- Start with item send of 5
- Additional text (optional)
- E-mail
-

Two red arrows point to the "Additional text" input field and the "E-mail" input field, highlighting them.

INVIO DEI RISULTATI PER MAIL



The screenshot shows a web browser window displaying the 'WEB MAIL AUSL MODENA' interface. The browser's address bar and toolbar are visible at the top. The page has a blue header with the AUSL Modena logo on the left and the title 'WEB MAIL AUSL MODENA' in the center. On the left side, there is a vertical blue sidebar with navigation links: 'Posta in arrivo', 'Nuovo messaggio', 'Contatti', 'Elenco cartelle', 'Opzioni', and 'Fine sessione'. The main content area displays an email message. The email text begins with a warning: 'This message contains search results from the National Center for Biotechnology Information (NCBI) at the U.S. National Library of Medicine (NLM). Do not reply directly to this message.' Below this, the sender's message is quoted: 'Sender's message: articoli per signor XXX'. The email body continues with the date and time: 'Sent on Monday, 2003 Dec 29 11:35:26 GMT' and the number of documents: 'Select 5 document(s) Items 1 - 20 of 5'. A separator line reads '==== Entrez PubMed Results ====='. Three search results are listed, each with a checkbox, a numbered title, and a link to 'Books', 'Related Articles', or 'LinkOut'. The first result is 'Formoso G, Moja L, Nonino F, Dri P, Addis A, Martini N, Liberati A.' with a link to 'Books'. The second result is 'Martini N, Tomino C, Liberati A.' with links to 'Related Articles', 'Books', and 'LinkOut'. The third result is 'Liberati A, Magrini N.' with links to 'Related Articles', 'Books', and 'LinkOut'. A red box highlights the 'Sender's message' section, and a red arrow points to the 'Books' link for the first result.

Posta in arrivo
Nuovo messaggio
Contatti
Elenco cartelle
Opzioni
Fine sessione

This message contains search results from the National Center for Biotechnology Information (NCBI) at the U.S. National Library of Medicine (NLM). Do not reply directly to this message.

Sender's message:
articoli per signor XXX

Sent on Monday, 2003 Dec 29 11:35:26 GMT
Select 5 document(s) Items 1 - 20 of 5

==== Entrez PubMed Results =====

☐ 1: [Formoso G, Moja L, Nonino F, Dri P, Addis A, Martini N, Liberati A.](#) [Books](#)

☐ 2: [Martini N, Tomino C, Liberati A.](#) [Related Articles](#), [Books](#), [LinkOut](#)

☐ 3: [Liberati A, Magrini N.](#) [Related Articles](#), [Books](#), [LinkOut](#)

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Display: Summary Show: 20 Sort: Send to: Clipboard

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1: [Formoso G, Moja L, Nonino F, Dri P, Addis A, Martini N, Liberati A](#) [Clipboard](#)

Clinical Evidence: a useful tool for promoting evidence based medicine.
BMC Health Serv Res. 2003 Dec 23 [Epub ahead of print]
PMID: 14693035 [PubMed - as supplied by publisher]

2: [Martini N, Tomino C, Liberati A](#) [Related Articles, Links](#)

Role of a research ethics committee in follow-up and publication of results.
Lancet. 2003 Jun 28;361(9376):2246. No abstract available.
PMID: 12842388 [PubMed - indexed for MEDLINE]

3: [Liberati A, Magrini N](#) [Related Articles, Links](#)

Information from drug companies and opinion leaders.
BMJ. 2003 May 31;326(7400):1156-7. No abstract available.
PMID: 12775588 [PubMed - indexed for MEDLINE]

4: [Daghio MM, Ciardullo AV, Cadioli T, Delvecchio C, Menna A, Voci C, Guidetti P, Magrini N, Liberati A](#) [Related Articles, Links](#)

GPs' satisfaction with the doctor-patient encounter: findings from a community-based survey.
Fam Pract. 2003 Jun;20(3):283-8.
PMID: 12738697 [PubMed - indexed for MEDLINE]

5: [Vanacore N, Nappo A, Gentile M, Brustolin A, Palange S, Liberati A, Di Rezze S, Caldora G, Gasparini M, Benedetti F, Bonifati V, Forastiere F, Quercia A, Meco G](#) [Related Articles, Links](#)

Evaluation of risk of Parkinson's disease in a cohort of licensed pesticide users.
Neurol Sci. 2002 Sep;23 Suppl 2:S119-20.
PMID: 12548372 [PubMed - indexed for MEDLINE]

6: [Lombardi F, Taricco M, De Tanti A, Telaro E, Liberati A](#) [Related Articles, Links](#)

Sensory stimulation of brain-injured individuals in coma or vegetative state: results of a

CLIPBOARD

The screenshot shows the Entrez PubMed website's Clipboard page. The search bar at the top contains the query "liberati a [au]". A red box highlights a message: "5 items were added to Clipboard. Clipboard items will be lost after eight hours of inactivity. The maximum number of Clipboard items is 500." Below this, the interface shows a list of 5 items, with the first item selected. The left sidebar contains navigation links for Entrez PubMed, PubMed Services, and Related Resources. The main content area displays the selected item's details, including the title, journal, and PMID.

Search PubMed for liberati a [au] Go Clear

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5 items were added to Clipboard.
Clipboard items will be lost after eight hours of inactivity.
The maximum number of Clipboard items is 500.

Display Summary Show: 20 Sort Send to Text

Items 1-20 of 169 Page 1 of 9 Next

☒ 1: [Tormoso G, Moja L, Nonino F, Dri P, Addis A, Martini N, Liberati A.](#) Links

☐ 2: [Martini N, Tomino C, Liberati A.](#) Related Articles, Links

☐ 3: [Liberati A, Magrini N.](#) Related Articles, Links

☐ 4: [Daghio MM, Ciardullo AV, Cadioli T, Delvecchio C, Menna A, Voci C, Guidetti P, Magrini N, Liberati A.](#) Related Articles, Links

☐ 5: [Vanacore N, Nappo A, Gentile M, Brustolin A, Palange S, Liberati A, Di Rezze S.](#) Related Articles, Links

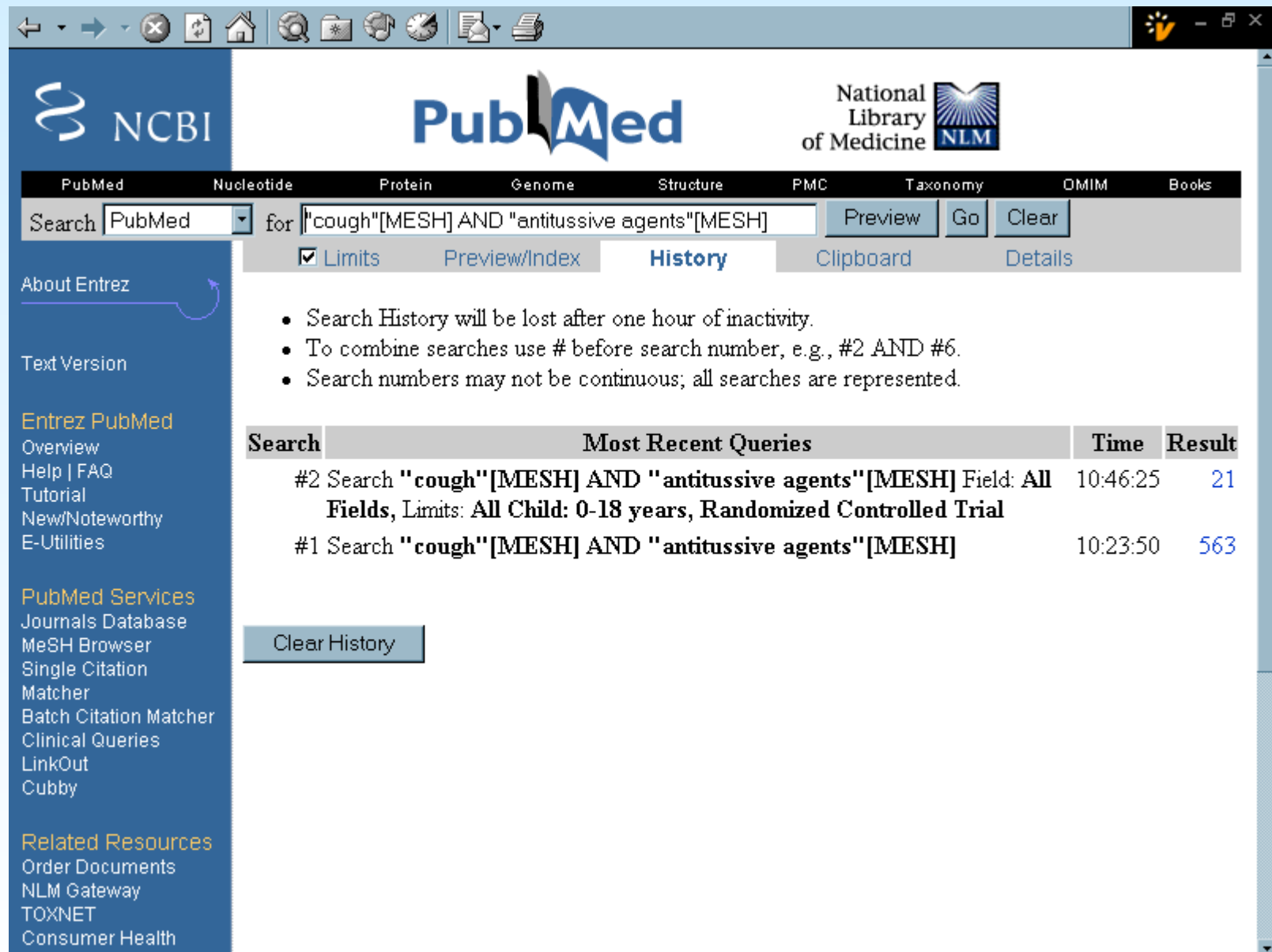
Clinical Evidence: a useful tool for promoting evidence based medicine?
BMC Health Serv Res. 2003 Dec 23 [Epub ahead of print]
PMID: 14693035 [PubMed - as supplied by publisher]

Role of a research ethics committee in follow-up and publication of results.
Lancet. 2003 Jun 28;361(9376):2246. No abstract available.
PMID: 12842388 [PubMed - indexed for MEDLINE]

Information from drug companies and opinion leaders.
BMJ. 2003 May 31;326(7400):1156-7. No abstract available.
PMID: 12775588 [PubMed - indexed for MEDLINE]

GPs' satisfaction with the doctor-patient encounter: findings from a community-based survey.
Fam Pract. 2003 Jun;20(3):283-8.
PMID: 12738697 [PubMed - indexed for MEDLINE]

HISTORY



NCBI PubMed National Library of Medicine NLM

PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM Books

Search PubMed for "cough"[MESH] AND "antitussive agents"[MESH] Preview Go Clear

☒ Limits Preview/Index **History** Clipboard Details

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- Search History will be lost after one hour of inactivity.
- To combine searches use # before search number, e.g., #2 AND #6.
- Search numbers may not be continuous; all searches are represented.

Search	Most Recent Queries	Time	Result
#2	Search "cough"[MESH] AND "antitussive agents"[MESH] Field: All Fields, Limits: All Child: 0-18 years, Randomized Controlled Trial	10:46:25	21
#1	Search "cough"[MESH] AND "antitussive agents"[MESH]	10:23:50	563

Clear History

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ALTRE FUNZIONI DI PUBMED

Single Citation Matcher

The screenshot shows the NCBI Citation Matcher for Single Articles web interface. The browser window has a standard toolbar at the top. The NCBI logo is in the top left corner. Below the logo is a navigation bar with links to PubMed, Nucleotide, Protein, Genome, Structure, PopSet, Taxonomy, OMIM, and Books. On the left side, there is a sidebar with links to About Entrez, Text Version, Entrez PubMed (with sub-links: Overview, Help | FAQ, Tutorial, New/Noteworthy, E-Utilities), PubMed Services (with sub-links: Journals Database, MeSH Browser, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, LinkOut, Cubby), and Related Resources (with sub-links: Order Documents, NLM Gateway, TOXNET, Consumer Health, Clinical Alerts, ClinicalTrials.gov). The main content area has the title "Citation Matcher for Single Articles" and a sub-header "Enter information about the article you wish to find." Below this are input fields for Journal, Date, Volume, Issue, First page, Author's last name and initials (e.g., Smith BJ), and Title words. There are Search and Clear buttons. Below the buttons is a "Notes:" section with a list of instructions: "You may omit any item if you wish", "Journal titles may be entered in full or as valid MEDLINE abbreviations", "For Date, you may enter yyyy, yyyy/mm, or yyyy/mm/dd. For example, 1998, 1998/03, or 1998/03/06", and "Author names are automatically truncated to account for varying initials, e.g., smith j will also match on smith ja, smith jb, smith jc jr, etc. Enclose author names in double quotes to retrieve that exact match, e.g., 'smith j'".

NCBI

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ClinicalTrials.gov

Enter information about the article you wish to find.

Journal:

Date:

Volume: Issue: First page:

Author's last name and initials (e.g., Smith BJ)

Title words:

Search Clear

Notes:

- You may omit any item if you wish
- Journal titles may be entered in full or as valid MEDLINE abbreviations
- For Date, you may enter yyyy, yyyy/mm, or yyyy/mm/dd. For example, 1998, 1998/03, or 1998/03/06
- Author names are automatically truncated to account for varying initials, e.g., smith j will also match on smith ja, smith jb, smith jc jr, etc. Enclose author names in double quotes to retrieve that exact match, e.g., "smith j"

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Select from two filters to limit your retrieval. Choose either Clinical Queries or Systematic Reviews. Enter your search topic in the box below and click Go.

☒ **Clinical Queries using Research Methodology Filters**

This specialized search is intended for clinicians and has built-in search "filters" based largely on [Haynes RB et al.](#) Four study categories are provided, and the emphasis may be more sensitive (i.e., most relevant articles but probably some less relevant ones) or more specific (i.e., mostly relevant articles but probably omitting a few). See [filter table](#) for details.

Indicate the category and emphasis below:

Category: ☒ therapy ☐ diagnosis ☐ etiology ☐ prognosis

Emphasis: ☐ sensitivity ☒ specificity

☐ **Systematic Reviews**

This feature retrieves systematic reviews and meta-analysis studies for your search topic(s). For more information, see [Help](#). [Related sources](#) are also provided.

Enter subject search:

CUBBY

NCBI

Cubby

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Search PubMed for Go Clear

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About Entrez

The Cubby provides you with a Stored Search feature to store and update searches. It also allows you to customize your LinkOut display to include or exclude links to providers. See [Help](#) for additional information.

The Cubby requires that your system accepts [cookies](#).

Login for Registered Cubby Users:

User Name:

Password:

Login

I Want to [Register](#) for Cubby

Help! [I Forgot My Password](#)

[Write to the Help Desk](#)
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CUBBY - Registration Form

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Registration for Cubby Users:

User Name (3-10 characters):

Password (6-8 characters):

Retype Password:

For security purposes, enter either:

Mother's Maiden Name:

OR

Pet's Name:

Register

Write to the Help Desk
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CUBBY - Archiviazione ricerca

The screenshot shows the NCBI Cubby web interface. The top navigation bar includes links for PubMed, Nucleotide, Protein, Genome, Structure, PopSet, Taxonomy, OMIM, and Books. A search bar is present with a dropdown menu set to 'PubMed' and buttons for 'Go' and 'Clear'. Below the search bar are links for 'Limits', 'Preview/Index', 'History', 'Clipboard', and 'Details'.

On the left sidebar, there are links for 'About Entrez', 'Entrez PubMed' (with sub-links for Overview and Help | FAQ), 'Cubby Resources' (with sub-links for Stored Searches, All LinkOut Providers, Provider Categories, My LinkOut, Preferences, Document Delivery Services, and Outside Tool), and 'Change Password' and 'Log Out'.

The main content area is titled 'Last Search' and contains a list of instructions:

- Edit the Cubby Search Name below to change the name of the search, click Store In Cubby.
- History numbers (e.g., #3) cannot be used in Stored Searches.

Below this, the search query is displayed: **Search "otitis"[MESH] AND "antibiotics"[MESH] Field: All Fields, Limits: All Child: 0-18 years, Publication Date from 2000, Randomized Controlled Trial**. The 'Cubby Search Name' field contains the text: "otitis"[MESH] AND "antibiotics"[MESH]. A 'Store In Cubby' button is located below the field.

The 'Cubby Stored Searches' section contains another list of instructions:

- To see new items, select searches and click What's New for Selected.
- Click the Cubby Search Name to display information about the stored search.

Below this is a table of stored searches:

Search	Cubby Search Name	Date and Time
☐ 7:	reflusso	18-May-2002 10:16:24
☐ 6:	Burnout	21-Feb-2002 15:15:11
☐ 5:	mal di schiena	21-Dec-2001 13:11:21
☐ 4:	stress	06-May-2002 08:46:41
☐ 3:	trastuzumab AND ("clinical trial"[Publication Type] OR "clini...	18-May-2002 10:21:05
☐ 2:	oxaliplatin AND ("clinical trial"[Publication Type] OR "clini...	14-Dec-2001 10:43:20

CUBBY - Archivio ricerche

The screenshot shows the NCBI Cubby web interface. At the top, there's a navigation bar with the NCBI logo and the Cubby logo. Below this is a search bar with a dropdown menu set to 'PubMed' and a 'Go' button. To the left of the main content area is a sidebar with links to 'About Entrez', 'Entrez PubMed' (with sub-links for Overview and Help | FAQ), and 'Cubby Resources' (with sub-links for Stored Searches, All LinkOut Providers, Provider Categories, My LinkOut, Preferences, Document Delivery, Services, and Outside Tool). At the bottom of the sidebar are links for 'Change Password' and 'Log Out'.

The main content area displays the search history. At the top, it shows the search criteria: "otitis"[MESH] AND "antibiotics"[MESH]. Below this, there's a section titled 'Cubby Stored Searches' with a list of stored searches. Each search entry includes a checkbox, a search ID, the search name, and the date and time it was stored. At the bottom of the main content area, there are buttons for 'What's New for Selected' and 'Delete Selected Searches', and a checkbox for 'Select/Deselect All'.

Search	Cubby Search Name	Date and Time
☐ 8:	"otitis"[MESH] AND "antibiotics"[MESH]	27-May-2002 13:13:42
☐ 7:	reflusso	18-May-2002 10:16:24
☐ 6:	Burnout	21-Feb-2002 15:15:11
☐ 5:	mal di schiena	21-Dec-2001 13:11:21
☐ 4:	stress	06-May-2002 08:46:41
☐ 3:	trastuzumab AND ("clinical trial"[Publication Type] OR "clini...	18-May-2002 10:21:05
☐ 2:	oxaliplatin AND ("clinical trial"[Publication Type] OR "clini...	14-Dec-2001 10:43:20
☐ 1:	irinotecan AND ("clinical trial"[Publication Type] OR "clini...	21-Nov-2001 12:02:16

CUBBY - Nuovi record

The screenshot shows the NCBI Cubby web interface. At the top, there's a navigation bar with the NCBI logo and the Cubby logo. Below this is a search bar with a dropdown menu set to 'PubMed' and a 'Go' button. To the left of the main content area is a sidebar with links for 'About Entrez', 'Entrez PubMed' (Overview, Help | FAQ), 'Cubby Resources' (Stored Searches, All LinkOut Providers, Provider Categories, My LinkOut, Preferences, Document Delivery Services, Outside Tool), 'Change Password', and 'Log Out'. The main content area has a header with tabs for 'PubMed', 'Nucleotide', 'Protein', 'Genome', 'Structure', 'PopSet', 'Taxonomy', 'OMIM', and 'Books'. Below this is a search bar with a dropdown menu set to 'PubMed' and a 'Go' button. Below the search bar are links for 'Limits', 'Preview/Index', 'History', 'Clipboard', and 'Details'. The main content area is titled 'Cubby Stored Searches' and contains a list of stored searches. A red box highlights the first search entry, which is 'reflusso' with a date of '18-May-2002 10:16:24' and a link to '1 new'. Below the list is a button labeled 'Delete Selected Searches'. At the bottom of the page, there is a footer with links for 'Write to the Help Desk', 'NCBI | NLM | NIH', 'Department of Health & Human Services', and 'Freedom of Information Act | Disclaimer'.

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Cubby Stored Searches

- Click new for latest results and to update Cubby Stored Search date and time.
- Click the Cubby Search Name to display information about the stored search.

Search	Cubby Search Name	Date and Time	What's New
☐	1: reflusso	18-May-2002 10:16:24	1 new

Delete Selected Searches

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CUBBY - Nuovi record

The screenshot shows the PubMed web interface. At the top, there are logos for NCBI, PubMed, and the National Library of Medicine (NLM). Below the logos is a navigation bar with tabs for PubMed, Nucleotide, Protein, Genome, Structure, PopSet, Taxonomy, OMIM, and Books. The main search area contains a search bar with the text "PubMed" and a dropdown menu. To the right of the search bar is a search query: "((vesico-ureteral reflux) AND (randomized controlled tr)". Below the search bar are buttons for "Go" and "Clear". Underneath the search bar are tabs for "Limits", "Preview/Index", "History", "Clipboard", and "Details". Below these tabs are buttons for "Display", "Summary", "Sort", "Save", "Text", "Clip Add", and "Order". On the left side of the page, there is a sidebar with links to "About Entrez", "Text Version", "Entrez PubMed", "Overview", "Help | FAQ", "Tutorial", "New/Noteworthy", "PubMed Services", "Journal Browser", "MeSH Browser", "Single Citation", "Matcher", "Batch Citation Matcher", "Clinical Queries", "LinkOut", "Cubby", "Related Resources", "Order Documents", "NLM Gateway", "TOXNET", "Consumer Health", "Clinical Alerts", and "Cubby". The main content area displays a search result for "Bagga A." with the title "Urinary tract infections: evaluation and treatment." and the journal "Indian J Pediatr. 2001 Jul;68 Suppl 3:S40-5. Review." The PMID is 11980458. A "Related Articles" link is visible on the right side of the result.

NCBI PubMed National Library of Medicine NLM

PubMed Nucleotide Protein Genome Structure PopSet Taxonomy OMIM Books

Search PubMed for ((vesico-ureteral reflux) AND (randomized controlled tr) Go Clear

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☐ 1: Bagga A. Urinary tract infections: evaluation and treatment. Indian J Pediatr. 2001 Jul;68 Suppl 3:S40-5. Review. PMID: 11980458 [PubMed - indexed for MEDLINE]

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