

# Sumber Informasi Obat

**Jenny Pontoan**

**Prodi Sarjana Farmasi**

**Fakultas Farmasi ISTN**

<b>Pertemuan</b>	<b>2</b>
Sub-CPMK	Sumber Informasi Obat
Kemampuan akhir yang direncanakan	Memahami Sumber Informasi Obat
Indikator Pencapaian Kompetensi	Menjelaskan Bentuk dan Sumber Informasi Obat
Materi	Bentuk Informasi Obat Sumber Informasi Primer, Sekunder, Tersier Informasi yang perlu diberikan tentang Obat
Bentuk Pembelajaran	Kuliah (Luring)
Metode Pembelajaran	Ceramah, Diskusi
Kriteria Penilaian	Mengakses Website dan Aplikasi Sumber Informasi Obat Mengakses Literatur Primer, Sekunder, dan Tersier
Teknik Penilaian	Non Tes (Observasi dan Tanya-jawab)
Bobot Penilaian	5%

# Sumber Informasi Obat

## Bentuk informasi obat : Bentuk Cetak dan Electronic/Internet

### **Electronic**

- Koneksi
- Hardware
- Strategi penelusuran

### **Contoh Electronic**

- Website : PubMed, Medscape, Drugs.com, dll
- Aplikasi : Medscape, Drugs.com

# Sumber Informasi Obat

## Mistake in searching the internet

- They use the wrong **search tool**
- They don't plan a good **search strategy**
- They don't choose **the best keywords**

## Search engine

.ac	.edu	Academic atau educational server
.or	.org	Non-governmental, non-profit organisations

.au	Australia
.ca	Canada
.uk	United Kingdom
.in	India
.id	Indonesia

## Urutan Prioritas

1. .gov atau .go
2. .edu atau .ac
3. .org atau .or
4. .com atau .co

# Sumber Informasi Obat

**Bentuk informasi obat : Bentuk Cetak dan Electronic/Internet**

## Bentuk Cetak

- Lag time
- Ruang penyimpanan
- Updating



**Contoh Bentuk Cetak**

# Sumber Informasi Obat

New Tab x PubMed x +

pubmed.ncbi.nlm.nih.gov

Forex Factory Drug Search Page |... Sci-Hub: removing... Gmail (190) Understandin... USAID PRIORITAS Sistem Penjaminan... SINTA - Science an... All Bookmarks

An official website of the United States government [Here's how you know](#)

**NIH** National Library of Medicine  
National Center for Biotechnology Information

Log in

**PubMed**<sup>®</sup>

Search

Advanced

PubMed<sup>®</sup> comprises more than 36 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full text content from PubMed Central and publisher web sites.











# Sumber Informasi Obat

- Aplikasi

	<b>Medscape</b> WebMD, LLC • Medis • Referensi medis 4,8★ 54 MB 📄 5 jt+	▼
	<b>Drugs.com Medication Guide</b> Drugs.com • Medis • Referensi medis 4,7★ 21 MB 📄 1 jt+	▼

	<b>Micromedex Drug Reference</b> Merative • Kedokteran 4,1★ 13 MB 📄 100 rb+	▼
	<b>Micromedex Drug Interactions</b> Merative • Kedokteran 4,1★ 8,1 MB 📄 100 rb+	▼

# Sumber Informasi Obat

← → × <https://www.drugs.com>

Forex Factory Drug Search Page |... Sci-Hub: removing... Gmail (190) Understandin... USAID PRIORITAS Sistem Penjaminan... SINTA - Science an... >> All Bookmarks

**Drugs.com**  
Know more. Be sure.

Drugs A-Z Pill Identifier Interaction Checker New Drugs Pro Edition More Register Sign In

## Find Drugs & Conditions

Enter a drug name, condition, pill imprint, etc.

Trending searches: [mounjaro](#), [amlodipine](#), [gabapentin](#), [atorvastatin](#), [lisinopril](#)

< >

Drugs & Medications Pill Identifier Interactions Checker Side Effects

**Browse Drugs** [Browse Conditions](#)

**Browse by Site Section**

A B C D E F G H I J K L M  
N O P Q R S T U V W X Y Z

Drugs A-Z Health Professionals  
Side Effects Checker Medical News  
Dosage Guidelines FDA Alerts

Waiting for 684d0d49...

# Sumber Informasi Obat

← → ↻ <https://www.medscape.com>

Forex Factory Drug Search Page |... Sci-Hub: removing... Gmail (190) Understandin... USAID PRIORITAS Sistem Penjaminan... SINTA - Science an... All Bookmarks

This site is intended for healthcare professionals

English Edition ▼ Register Log In

**Medscape** Monday, October 16, 2023

[NEWS & PERSPECTIVE](#) [DRUGS & DISEASES](#) [CME & EDUCATION](#) [ACADEMY](#) [VIDEO](#) [DECISION POINT](#)

**Medscape ORIGINAL** THE BOB HARRINGTON SHOW **Career Pivot: Leaving Clinical Medicine** [Listen Now ▶](#)

ADVERTISEMENT

## Today on Medscape

**LIVE UPDATES** COVID-19 | Cardiology | Diabetes & Endocrinology | Family Medicine | Hematology-Oncology | Internal Medicine | Neurology | Psychiatry ▼ All

**Medscape** NEWS & PERSPECTIVE

Your one-stop resource for medical news, clinical reference, and education.

[Sign up for FREE](#)

# Klasifikasi Informasi Obat

## **Primer**

- Original research dalam medical journal

## **Sekunder**

- Bibliography of medical databases

## **Tersier**

- E-book about disease and medicine, clinical guideline

# Literatur Primer

- Artikel asli yang dipublikasikan penulis atau peneliti, informasi yang terdapat di dalamnya berupa hasil penelitian yang diterbitkan dalam jurnal ilmiah.
- Contoh : laporan hasil penelitian, laporan kasus, studi evaluatif, laporan deskriptif

# Literatur Primer

## Medical and Pharmacy Journal

- New England Journal of Medicine (weekly)
- Journal of the American Medical Association / JAMA (weekly)
- Annals of Internal Medicine (every two weeks)
- Archives of Internal Medicine (every two weeks)
- The Lancet (weekly)
- British Medical Journal / BMJ (weekly)
- Annals of Pharmacotherapy (monthly)
- Pharmacotherapy (monthly)
- American Journal of Health-System Pharmacy (semi-monthly)
- DII

# Literatur Primer

## British Medical Journal

<http://www.bmj.com/>

The screenshot shows the homepage of the British Medical Journal website. At the top left is the BMJ logo with the tagline "medical publication of the year". To the right is a search bar labeled "Search BMJ.com" with a magnifying glass icon and links for "Advanced search", "Register for free services", "Subscribe", and "Sign In". Below the search bar is a navigation menu with tabs for "Research" (highlighted in red and labeled "FREE"), "Education", "News", "Comment", "Topics", "Archive", and "About BMJ". A "Home" link is also present.

The main content area is divided into several sections:

- BMJ print issue:** Features a cake with a sign that reads "RATIONING HEALTH CARE: How should we cut the cake?". The text below discusses the current week's print issue, mentioning Fiona Godlee's Editor's choice and the table of contents.
- Research:** Features a photo of several white pills. The headline is "Prevention of progression of arterial disease and diabetes (POPADAD) trial". The text describes a study on aspirin and antioxidant therapy. Below this, under "Other recent research:", there is a list of two items:
  - Abdominal aortic aneurysm events in the women's health initiative
  - Long term predictive values of cytology and human papillomavirus
- What's new:** A list of links: "Last 7 days", "Past weeks", "Current print issue", and "Rapid responses".
- Latest blogs:** A list of links: "Likert scales and buses", "Universal strategy", "Sue me, please", and "Second life".
- Services:** A list of links: "Blogs", "Podcasts", "Submit an article", "Subscribe/Activate", "Email alerts", and "Request permissions".
- Tools:** A link for "Email to friend" with a dropdown arrow.
- Right sidebar:** Contains three promotional boxes:
  - VACANCY:** "Jobs at BMJ Group"
  - Student BMJ:** "What's new online?" with a "Find out more >>" link.
  - Listen to the latest BMJ Interview:** Includes a small image of a globe.

# Literatur Primer

← → ↻ journals.bmj.com/home

Forex Factory Drug Search Page [...] Sci-Hub: removing... Gmail (190) Understandin... USAID PRIORITAS Sistem Penjaminan... SINTA - Science an... All Bookmarks

**BMJ** Journals Log In ▼ Basket  Search Advanced search

**Discover the latest clinical knowledge and opinion**

BMJ Journals is a collection of more than 60 medical and allied science titles. They are published by BMJ, the global healthcare knowledge provider and pioneer in the development of open access.

Browse by journal specialty

Anesthesiology ▼	Genetics ▼	Nutrition ▼	Public Health ▼
Cardiology ▼	Healthcare ▼	Occupational Medicine ▼	Respiratory Medicine ▼
Diabetes ▼	Medical Humanities ▼	Oncology ▼	Rheumatology ▼
Emergency Medicine ▼	Medical Informatics ▼	Ophthalmology ▼	Sexual & Reproductive Medicine ▼

Help us for a £50 voucher!



# Literatur Primer

Forex Factory Drug Search Page [...] Sci-Hub: removing... Gmail (190) Understandin... USAID PRIORITAS Sistem Penjaminan... SINTA - Science an... All Bookmarks

BMJ Journals Log In Basket search Search Advanced search

**BMJ Open** Latest content Archive For authors About Browse by collection

Home / Archive / Volume 12, Issue 4 Email alerts

Article Text

Neurology Protocol

Atorvastatin for unruptured intracranial vertebrobasilar dissecting aneurysm (ATREAT-VBD): protocol for a randomised, double-blind, blank-controlled trial

Mirzat Turhon<sup>1, 2</sup>, Huibin Kang<sup>1, 2</sup>, Jiliang Huang<sup>1, 2</sup>, Mengxing Li<sup>1, 2</sup>, Jian Liu<sup>1, 2</sup>, Ying Zhang<sup>1, 2</sup>, Kun Wang<sup>1, 2</sup>, Xinjian Yang<sup>1, 2</sup>, Yisen Zhang<sup>1, 2</sup>

Correspondence to Dr Yisen Zhang; zhang-yisen@163.com; Dr Xinjian Yang; yangxinjian@voiceoftiantan.org

Abstract

**Introduction** Vertebrobasilar dissecting aneurysms (VBDAs) are associated with serious complications and a poor prognosis. It is believed that inflammation of the aneurysm wall may be the main cause of rupture or deterioration. Atorvastatin has been shown to inhibit inflammation and may be a suitable drug candidate. Here, we report a clinical research study protocol to investigate whether atorvastatin inhibits inflammation of the aneurysm wall, as measured by signal index enhancement.

PDF PDF + Supplementary Material

**We recommend**

O-004 Mapping wall tension, w aneurysm wall enhancement ir A Raghuram et al., J Neurointe

E-168 Added y spontaneous i PDF R Abdalla et a

Cor >> View PDF tomography and meta interact new image fusion technique fo stent apposition after aneurysn Ichiro Yuki et al., Case Rep, 20

Black blood imaging of intracra Joga Chaganti et al., Practical

Molecular and functional imagi therapy: current applications ar Jing-Wen Bai et al., Signal Tra Therapy, 2023

Article info Citation Tools Share Rapid Responses

## Effects of ramipril on cardiovascular and microvascular outcomes in people with diabetes mellitus: results of the HOPE study and MICRO-HOPE substudy

Heart Outcomes Prevention Evaluation (HOPE) Study Investigators

Reprinted from THE LANCET Saturday 22 January 2000  
Vol. 355 NO. 9200 Pages 253–259

THE LANCET 84 THEOBALD'S ROAD LONDON WC1X 8RR UK

### Articles

## Effects of ramipril on cardiovascular and microvascular outcomes in people with diabetes mellitus: results of the HOPE study and MICRO-HOPE substudy

Heart Outcomes Prevention Evaluation (HOPE) Study Investigators\*

### Summary

**Background** Diabetes mellitus is a strong risk factor for cardiovascular and renal disease. We investigated whether the angiotensin-converting-enzyme (ACE) inhibitor ramipril can lower these risks in patients with diabetes.

**Methods** 3577 people with diabetes included in the Heart Outcomes Prevention Evaluation study, aged 55 years or older, who had a previous cardiovascular event or at least one other cardiovascular risk factor, no clinical proteinuria, heart failure, or low ejection fraction, and who were not taking ACE inhibitors, were randomly assigned ramipril (10 mg/day) or placebo, and vitamin E or placebo, according to a two-by-two factorial design. The combined primary outcome was myocardial infarction, stroke, or cardiovascular death. Overt nephropathy was a main outcome in a substudy.

**Findings** The study was stopped 6 months early (after 4.5 years) by the independent data safety and monitoring board because of a consistent benefit of ramipril compared with placebo. Ramipril lowered the risk of the combined primary outcome by 25% (95% CI 12–36,  $p=0.0004$ ), myocardial infarction by 22% (6–36), stroke by 33% (10–50), cardiovascular death by 37% (21–51), total mortality by 24% (8–37), revascularisation by 17% (2–30), and overt nephropathy by 24% (3–40,  $p=0.027$ ). After adjustment for the changes in systolic (2.4 mm Hg) and diastolic (1.0 mm Hg) blood pressures, ramipril still lowered the risk of the combined primary outcome by 25% (12–36,  $p=0.0004$ ).

**Interpretation** Ramipril was beneficial for cardiovascular events and overt nephropathy in people with diabetes. The cardiovascular benefit was greater than that attributable to the decrease in blood pressure. This treatment represents a vasculoprotective and renoprotective effect for people with diabetes.

Lancet 2000; **355**: 253–59  
See Commentary page 246

\*Study organisation and investigators listed at end of paper

**Correspondence to:** Dr Hertzell C Gerstein, Canadian Cardiovascular Collaboration Project Office, HGH-McMaster Clinic, 237 Barton Street East, Hamilton, Ontario L8L 2X2, Canada (e-mail: HOPE@ccc.mcmaster.ca)

THE LANCET • Vol 355 • January 22, 2000

### Introduction

People with diabetes mellitus are at high risk of cardiovascular disease. Epidemiological studies show that the risk of cardiovascular mortality is two to three times higher in men with diabetes and three to five times higher in women with diabetes than in people without diabetes.<sup>1,2</sup> The age-adjusted prevalence of coronary heart disease in white adults who have diabetes is about 45%, compared with about 25% in individuals without diabetes,<sup>3</sup> and cardiovascular disease accounts for about 70% of all deaths in people with diabetes mellitus.<sup>4</sup>

The presence of other risk factors increases the risk of cardiovascular disease in people with diabetes mellitus. The absolute annual risk of fatal and non-fatal cardiovascular disease in middle-aged and elderly people with type 2 diabetes is 4–5%.<sup>1,2,10</sup> Despite decreases in the incidence of heart disease in the general population, the decline is much smaller in people with type 2 diabetes, and may even be rising in women with diabetes.<sup>11</sup>

Experimental studies, epidemiological studies, and clinical trials suggest that inhibitors of angiotensin-converting enzyme (ACE) may delay or prevent cardiovascular outcomes. For patients with diabetes, such benefit has been seen after acute myocardial infarction,<sup>14</sup> in the presence of hypertension,<sup>15–19</sup> and in the presence of a low ejection fraction or heart failure.<sup>20</sup> ACE inhibitors may also prevent overt nephropathy and other microvascular outcomes in patients with type 1 or type 2 diabetes.<sup>17,21,22</sup>

Although studies suggest that ACE inhibitors may prevent or delay serious events in some subgroups, their role in a broader group of people with diabetes who are at high risk of cardiovascular events remains unknown. The Heart Outcomes Prevention Evaluation (HOPE) study investigated whether the addition of the ACE inhibitor ramipril to the current medical regimen of high-risk patients with diabetes mellitus can lower the risk of cardiovascular events. In the microalbuminuria, cardiovascular, and renal outcomes (MICRO) HOPE substudy, the effect of this intervention on the risk of overt nephropathy was investigated. We present here the results from these two studies for patients with diabetes mellitus.<sup>23</sup>

### Methods

#### Participants

The HOPE and MICRO-HOPE study protocol has been published.<sup>23,24</sup> Briefly, people with and without diabetes were recruited, who were aged 55 years or older, and who had a history of cardiovascular disease (coronary artery disease, stroke, or peripheral vascular disease) or diabetes plus at least

253

# Literatur Sekunder

- Berupa sistem indeks yang umumnya berisi kumpulan abstrak dari berbagai macam artikel jurnal
- Sumber informasi sekunder sangat membantu dalam proses pencarian informasi yang terdapat dalam sumber informasi primer
- Medical Database: kumpulan referensi (bibliography) yang digunakan jika Anda ingin menemukan artikel ilmiah (original research, review) yang telah dipublikasikan pada waktu tertentu

# Literatur Sekunder

- Current Contents : Clinical Practice (weekly)
- Inpharma (weekly)
- International Pharmaceutical Abstracts / IPA (monthly)
- Iowa Drug Information Service / IDIS (monthly)
- Medlars : Index Medicus (monthly)
- Pharmline
- PubMed

# Literatur Sekunder

[www.pubmed.gov](http://www.pubmed.gov)

The screenshot shows the PubMed.gov website. At the top, there is a navigation bar with "NCBI", "Resources", and "How To" links. Below this is the PubMed logo and the text "U.S. National Library of Medicine National Institutes of Health". A search bar is present with "PubMed" in the dropdown menu and "cardiovascular diseases" in the input field. There are "Advanced search" and "Help" links, and "Search" and "Clear" buttons. A large banner below the search bar reads "Welcome to PubMed" and states: "PubMed comprises more than 19 million citations for biomedical articles from MEDLINE and life science journals. Citations may include links to full-text articles from PubMed Central or publisher web sites." Below the banner are three columns of links: "Using PubMed" (PubMed Quick Start, New and Noteworthy, PubMed Tutorials, Full Text Articles, PubMed FAQs), "PubMed Tools" (Single Citation Matcher, Batch Citation Matcher, Clinical Queries, Topic-Specific Queries), and "More Resources" (MeSH Database, Journals Database, Clinical Trials, E-Utilities, LinkOut).

NCBI Resources How To

**PubMed.gov**  
U.S. National Library of Medicine  
National Institutes of Health

Search: PubMed  
Advanced search Help

cardiovascular diseases Search Clear

**Welcome to PubMed**  
PubMed comprises more than 19 million citations for biomedical articles from MEDLINE and life science journals. Citations may include links to full-text articles from PubMed Central or publisher web sites.

**Using PubMed**  
[PubMed Quick Start](#)  
[New and Noteworthy](#)  
[PubMed Tutorials](#)  
[Full Text Articles](#)  
[PubMed FAQs](#)

**PubMed Tools**  
[Single Citation Matcher](#)  
[Batch Citation Matcher](#)  
[Clinical Queries](#)  
[Topic-Specific Queries](#)

**More Resources**  
[MeSH Database](#)  
[Journals Database](#)  
[Clinical Trials](#)  
[E-Utilities](#)  
[LinkOut](#)

# Literatur Sekunder

The image shows a browser window displaying the PubMed website. The address bar at the top shows the URL `pubmed.ncbi.nlm.nih.gov`, which is highlighted with a red rectangle. Below the address bar, there are several browser tabs and icons. The main content area has a dark blue background with a network diagram pattern. At the top left, there is the NIH logo and the text "National Library of Medicine" and "National Center for Biotechnology Information". To the right of this, there is a "Log in" button. In the center, the "PubMed" logo is displayed above a large white search input field. To the right of the search field is a green "Search" button. Below the search field, the word "Advanced" is written. At the bottom, there is a paragraph of text: "PubMed® comprises more than 36 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full text content from PubMed Central and publisher web sites."

pubmed.ncbi.nlm.nih.gov

Forex Factory Drug Search Page |... Sci-Hub: removing... Gmail (190) Understandin... USAID PRIORITAS Sistem Penjaminan... SINTA - Science an... All Bookmarks

An official website of the United States government [Here's how you know](#)

**NIH** National Library of Medicine  
National Center for Biotechnology Information

Log in

**PubMed**®

Search

Advanced

PubMed® comprises more than 36 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full text content from PubMed Central and publisher web sites.

# Literatur Sekunder

pubmed.ncbi.nlm.nih.gov/?term=side+effect+lipitor

NIH National Library of Medicine  
National Center for Biotechnology Information

Log in

PubMed®

side effect lipitor

Search

Advanced Create alert Create RSS User Guide

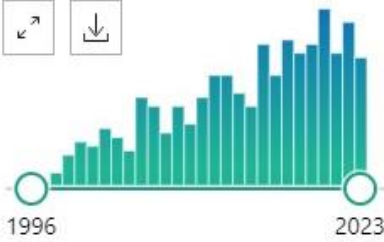
Save Email Send to Sort by: Best match Display options

MY NCBI FILTERS

461 results

Page 1 of 47

RESULTS BY YEAR



TEXT AVAILABILITY

Side Effect Patterns in a Crossover Trial of Statin, Placebo, and No Treatment.

1 Howard JP, Wood FA, Finegold JA, Nowbar AN, Thompson DM, Arnold AD, Rajkumar CA, Connolly S, Cegla J, Stride C, Sever P, Norton C, Thom SAM, Shun-Shin MJ, Francis DP.

Cite J Am Coll Cardiol. 2021 Sep 21;78(12):1210-1222. doi: 10.1016/j.jacc.2021.07.022.

Share PMID: 34531021 Free PMC article. Clinical Trial.

BACKGROUND: Most people who begin statins abandon them, most commonly because of **side effects**.

OBJECTIVES: The purpose of this study was to assess daily symptom scores on statin, placebo, and no treatment in participants who had abandoned statins. ...Clinicians shou ...

Amiodarone: A Comprehensive Guide for Clinicians

# Literatur Tersier

- Berupa buku teks atau data base, kajian artikel, kompendia dan pedoman praktis
- Umumnya berupa buku referensi yang berisi materi yang umum, lengkap, padat dan mudah dipahami
- Apa yang ditemukan?
  - ✓ Patofisiologi penyakit
  - ✓ Gejala-gejala dan tanda-tanda dari penyakit
  - ✓ Pilihan terapi yang sesuai untuk suatu penyakit
  - ✓ Informasi untuk tenaga kesehatan maupun pasien



# Literatur Tersier

- Doctor's Guide to the Internet : [www.docguide.com](http://www.docguide.com)
- Food and Drug Administration : [www.fda.gov](http://www.fda.gov)
- National Guideline Clearinghouse : [www.guideline.gov](http://www.guideline.gov)
- Centers for Disease Control and Prevention : [www.cdc.gov](http://www.cdc.gov)
- American Society of Health-System Pharmacists : [www.ashp.org](http://www.ashp.org)
- American College of Clinical Pharmacy : [www.accp.com](http://www.accp.com)
- Institute for Safe Medication Practices : [www.ismp.org](http://www.ismp.org)
- National Institutes of Health : [www.nih.gov](http://www.nih.gov)
- National Library of Medicine : [www.nlm.nih.gov](http://www.nlm.nih.gov)
- Agency for Healthcare Research and Quality : [www.ahrq.gov](http://www.ahrq.gov)
- DII

# Literatur Tersier

## **Handbook, Textbook, Buku Standar**

- British National Formulary
- Martindale : The Complete Drug Reference
- Pediatric Dosage Handbook
- American Hospital Formulary Service (AHFS) Drug Information
- Informatorium Obat Nasional Indonesia
- Handbook on Injectable Drugs
- Meyler's Side Effects of Drugs
- DII

# Literatur Tersier

## British National Formulary (BNF) <http://www.bnf.org/bnf/>

The screenshot shows the homepage of the British National Formulary (BNF) website. The layout is organized into three main vertical sections: a left-hand navigation menu, a central content area, and a right-hand news section.

- Left-hand navigation menu:** Features the **bnf.org** logo at the top. Below it is a list of links: BNF 56, BNF Extra, Updates, Clarifications & Corrections, About Us, Resources, Products, Links, Frequently Asked Questions, Feedback, Policies, Registration, and E-newsletter. At the bottom of this menu is a search bar and a logo for **BNF for children**.
- Central content area:** Starts with the text "British National Formulary". Below this is a photograph of a hand holding a pipette. Underneath the photo is the tagline "clear • concise • accessible". A blue banner contains the text: "The BNF provides UK healthcare professionals with authoritative and practical information on the selection and clinical use of medicines in a clear, concise and accessible manner." At the bottom of this section is a registration prompt: "Register to view the content of the latest BNF. Alternatively, find out more about registration on our [Registration Page](#)" with a **REGISTER** button.
- Right-hand news section:** Features a header for **BNF 56** (September 2008) with a green "ENTER" button. Below this is a **NEWS** section. The first news item is dated **07 Oct 2008** and titled **NICE technology appraisals**. The text describes that NICE technology appraisals are available for Influenza prophylaxis and for dabigatran etexilate and the prevention of venous thromboembolism after hip or knee replacement surgery in adults. The second news item is dated **11 Sep 2008** and titled **BNF 56 (September 2008) is published**. Below this is the text "The new edition of" followed by a partially visible line of text.

# Literatur Tersier

## Clinical Guidelines

- Panduan-panduan klinis yang disusun secara sistematis untuk tenaga kesehatan agar dapat memilihkan terapi yang sesuai bagi pasien
- Biasanya disusun oleh:
- Asosiasi profesional
- Working group
- Organisasi independen
- Rumah sakit



**American Thoracic Society**

# Sumber Informasi Obat

- Berdasarkan kategori masalah

KATEGORI	PILIHAN PUSTAKA ACUAN
Obat pada wanita hamil dan menyusui	Meyler's Side Effects of Drugs Briggs freeman and yaffe: drugs in pregnancy and lactation AHFS Drug Information Martindale's: the extra pharmacopeia ADEC: medicines in pregnancy Royal women's hospital, Melbourne: gude on drug in lactation MEDLINE IDIS Micromedex (drugdex, repotext, poisindex) Specialist drug information center
Dosis Obat	Martindale's: The Extra Pharmacopeian AHFS Drug Information Micromedex (drugdex) Manufacturer IDIS MEDLINE Pediatric Dosage Handbook : Teketoma Geriatric Dosage Handbook for oncology
Interaksi Obat	Haten and horn: drug interactions Tatro: drug interactions facts Stockley: drug interactions AHFS Drug Information Martindale's: The Extra Pharmacopeia Meyler's Side Effects of Drugs IDIS MEDLINE Inpharma/Reactions Micromedex (drugdex) Manufacturer
Stabilitas Obat	Martindale's: The Extra Pharmacopeia Merck Index Trissel: Handbook of injectable drugs AHFS Drug Information Pharmacopeian (BP, BPC, USPO..) IDIS MEDLINE School of Phamaceutical Chemistry

# Sumber Informasi Obat

- Berdasarkan kategori masalah

<p><b>Terapi Obat</b></p>	<p>Kode Kimble: Applied Therapeutics          AHFS Drug Information          Victorian drug Usage advisory          Committee guidelines          Micromedex          IDIS          MEDLINE          Appropriate specialist texts          Consult with medical consultant or relevant expert</p>
<p><b>Identifikasi Obat</b></p>	<p>Mims Annual          Martindale's: The Extra Pharmacopeia          Merck Index          Micromedex (drugdex, poisindex)          National register of therapeutic goods (commonwealth Department of Health and Family Service)          Manufacturer          Index Nominum, Foreign Country Drug Compendiums          IDIS- cross reference index</p>
<p><b>Farmakokinetik</b></p>	<p>Ritschel: Handbook Of Basic Pharmacokinetics          Goodman and Gilman: Pharmacological Basis of Therapeutics          AHFS Drug Information          Evans, Schentag, Jusko: Applied Pharmacokinetics          Winter: Basic Clinical Pharmacokinetics          Micromedex          IDIS          MEDLINE</p>
<p><b>Farmakologi</b></p>	<p>Goodman and Gilman: Pharmacological Basis of Therapeutics          Kode Kimble: Applied Therapeutics          Harrison: Principles of Internal Medicine          The Merck Manual          IDIS          MEDLINE          Facts and comparisons          Micromedex</p>

# Sumber Informasi Obat

- Berdasarkan kategori masalah

<b>Pediatrik</b>	Martindale's: The Extra Pharmacopoeia Royal Childrens Hospital, Melbourne, Pharmacopoeia Micromedex AHFS Drug Information Pediatric Formulary: Guy's/Australia
<b>Dosis Obat Pada Gagal Ginjal</b>	AHFS Drug Information Micromedex Martindale's: The Extra Pharmacopoeia Brater: Drug Use In Renal Disease IDIS MEDLINE
<b>Dosis Obat Pada Kerusakan Hati</b>	AHFS Drug Information Martindale's: The Extra Pharmacopoeia Goodman and Gilman: Pharmacological Basis of Therapeutics Micromedex IDIS MEDLINE
<b>Administrasi Obat</b>	Martindale's: The Extra Pharmacopoeia Micromedex AHFS Drug Information APP guide or mims annual and updates IDIS MEDLINE Trissel: Handbook of injectable drugs
<b>Formulasi Obat</b>	Martindale's: The Extra Pharmacopoeia Nation Poisons Register British National Formulary Manufacturer
<b>Informasi Umum Obat Baru</b>	Micromedex IDIS MEDLINE Martindale's: The Extra Pharmacopoeia Manufacturer Commonwealth Department of Health and Family Services, SAS Register

