

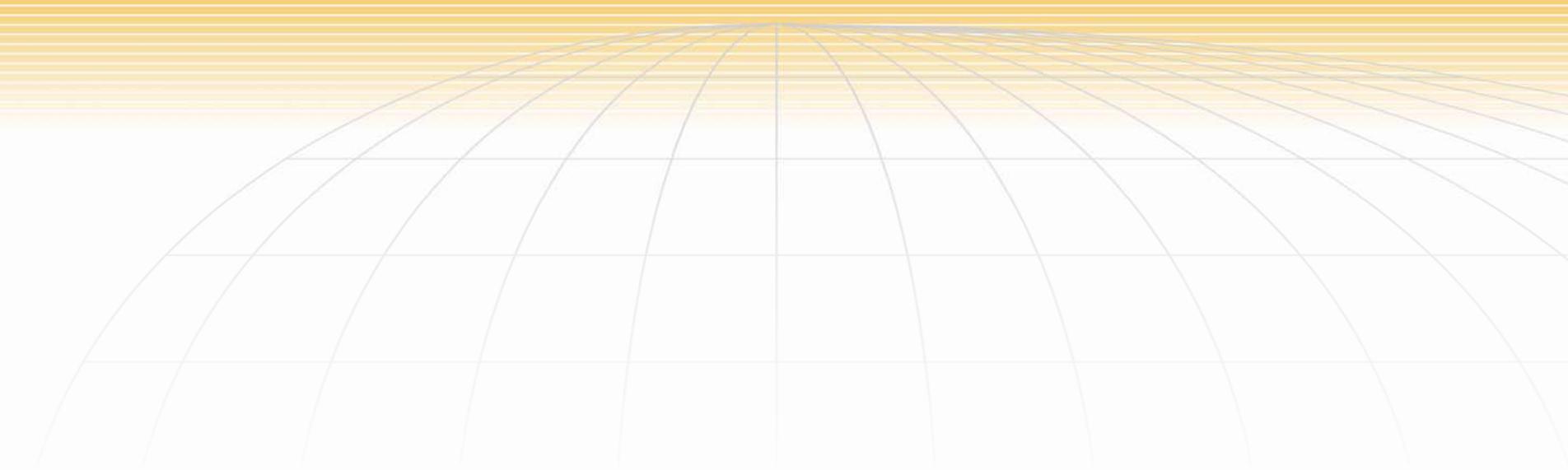
# Answering Clinical Questions at the Point of Care

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# Outline

- **About *UpToDate***
- **Evidence Grading**
- **How to Search**
- **Q & A**



# About *UpToDate*

**You don't need more information  
You need the right information**

**Synthesizes the medical literature,  
incorporates the latest evidence, and  
provides specific recommendations for  
patient care**

# Evidence is derived from a number of Sources

- Journals: 430+ peer reviewed journals
- Databases:
  - MEDLINE, The Cochrane Database, Clinical Evidence and ACP Journal Club
- Guidelines
- Clinical trials
  - FDA, CDC, NIH
- Proceedings
- Clinical experience and observations

**Including but not limited**

# The editorial process

Leading and Evidence Based Literature and Resources

Read ..... Analyze ..... Summarize .....  
..... Synthesize .....  
..... Expert Comments .....  
..... Expert Opinion .....  
..... Recommendations .....  
..... Grade the Evidence .....  
..... Editorial Peer Review .....

**UpToDate Topic Review**

# Quick Facts about *UpToDate*

- Topic reviews
- Patient Information
- Drug Information

**Written by Physicians for Physicians**

# Quick Facts about *UpToDate*

- **4,055 world-renowned physician authors (international)**
- **7,775 clinical topics in [15 specialties](#)**
- **4,619 unique drug entries in adult, pediatrics, international, and natural drugs (Lexi-Comp)**
- **24,637 graphics**
- **262,209 references (Medline)**
- **Updated every 4 months (March, July, November)**

# Specialties

- Adult and Pediatric Emergency Medicine  
*{ new specialty - November 2009 }*
- Adult Primary Care & Internal Medicine
- Cardiovascular Medicine
- Endocrinology & Diabetes
- Family Medicine
- Gastroenterology & Hepatology
- Hematology
- Infectious Diseases
- Nephrology & Hypertension
- Neurology *{ new specialty - March 2009 }*
- Obstetrics , Gynecology & Women's Health
- Oncology
- Pediatrics
- Pulmonary, Critical Care & Sleep Medicine
- Rheumatology

# In Development

- **Allergy and Immunology**
- **Dermatology**
- **Psychiatry**
- **Surgery**

# Evidence Grading

# Evidence Grading – UTD GRADE

RECOMMENDATION GRADES		
<b>Grade 1</b>	Strong Recommendation	Benefits clearly outweigh the risks and burdens (or vice versa) for most, if not all, patients
	“We recommend...”	
<b>Grade 2</b>	Weaker Recommendation	Benefits and risks closely balanced and/or uncertain
	“We suggest...”	
EVIDENCE GRADES		
<b>Grade A</b>	High Quality Evidence	Consistent evidence from randomized trials, or overwhelming evidence of some other form
<b>Grade B</b>	Moderate Quality Evidence	Evidence from randomized trials with important limitations, or very strong evidence of some other form
<b>Grade C</b>	Low Quality Evidence	Evidence from observational studies, unsystematic clinical observations, or from randomized trials with serious flaws

# How to Search

# How to Search

- **New Search**
  - search → display result → output
- **Others**
  - Evidence grading
    - RECOMMENDATIONS
  - Calculators
  - Drug interactions
  - ECG Test
  - Movies

# To Access *UpToDate*

- **Please go to library homepage**
- **Just “Accept” the license agreement and you are brought to the search page, ready for your use; within a few seconds**

# How to use *UpToDate* based on a Clinical Scenario

- **A 50 year old woman is obese (BMI=32) and has hypertension. She has not achieved weight loss despite counseling for diet and lifestyle changes. What is the best medication for pharmacologic management of her obesity**
- **Keyword :**
  - **obesity drugs**

# How to use *UpToDate* based on a Clinical Scenario

- A 58 year-old postmenopausal woman is experiencing stress urinary incontinence that is interfering with her quality of life. She is not having hot flashes, but she has heard that estrogen therapy is very effective for urinary incontinence. What advice do you give her?
- Keyword :
  - estrogen for urinary incontinence in postmenopausal women

# Q & A

**Thank you for your attention**

# How to use *UpToDate* based on a Clinical Scenario

- 蔡先生現年**50**歲，因發燒、嘔吐且右下腹有明顯的壓痛及反彈痛，根據醫師的經驗判斷，蔡先生應當是罹患了盲腸炎。為求謹慎，醫師為病患抽血與電腦斷層檢查，結果顯示病患白血球上昇、發炎指數也升高，而斷層片也顯示盲腸附近有發炎腫脹的現象。
- 確定了疾病問題是盲腸炎，接著就是決定要用什麼怎麼來治療，以目前的技術建議使用腹腔鏡手術，但費用較高，如具考量經濟效益則可採用傳統的闌尾切除術，不過哪一種方式對病患是最好的呢？
- 案例來源
  - [http://service.flysheet.com.tw:8080/FlysheetEDM/epaper\\_file/83/epaper1223462083.html](http://service.flysheet.com.tw:8080/FlysheetEDM/epaper_file/83/epaper1223462083.html)
- **Keyword**
  - **appendicitis adult**