

ClinicalKey

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Customer Engagement Manager
Health and Science, Asia Pacific

Introduction of Elsevier



The original Non Solus mark of Isaac Elzevir was used for the first time in Leyden in 1620.



ELSEVIER

- In 1620, the draft of Elsevier's logo first come out
  - Elm & Grapevine：stand for great wisdom by publishing
  - Old man：stand for research scholar
  - NON SOLUS： Latin, means **"Not Alone"** (never alone in study)
  - Implication：the scholar (Old man) and results of publishing (Elm) need to go together and coexist

Challenges
挑戰

- 600,000 to 800,000 new clinical articles are published each year.
  每年有60~80萬篇臨床論文發表

- Every day, on average, each physician asks 9.5 questions. Two thirds of those clinical questions go unanswered.
  每天每一位醫師平均提出9.5個問題，其中2/3得不到答案*

- Physicians and medical students today are being overwhelmed with information and questions which need to be answered.
  如今臨床工作人員被爆炸的資訊和需要解答的問題所淹沒

- Profusion of content sources makes it difficult to get answers.
  資訊來源太多(Google, PubMed, Various Database...)，
  答案的找尋變的耗時困難



* "Watson and Healthcare" (quoting the British Medical Journal), April 2011

How are information consumed nowadays?
現今資訊是如何被使用的？



Anytime
Anywhere

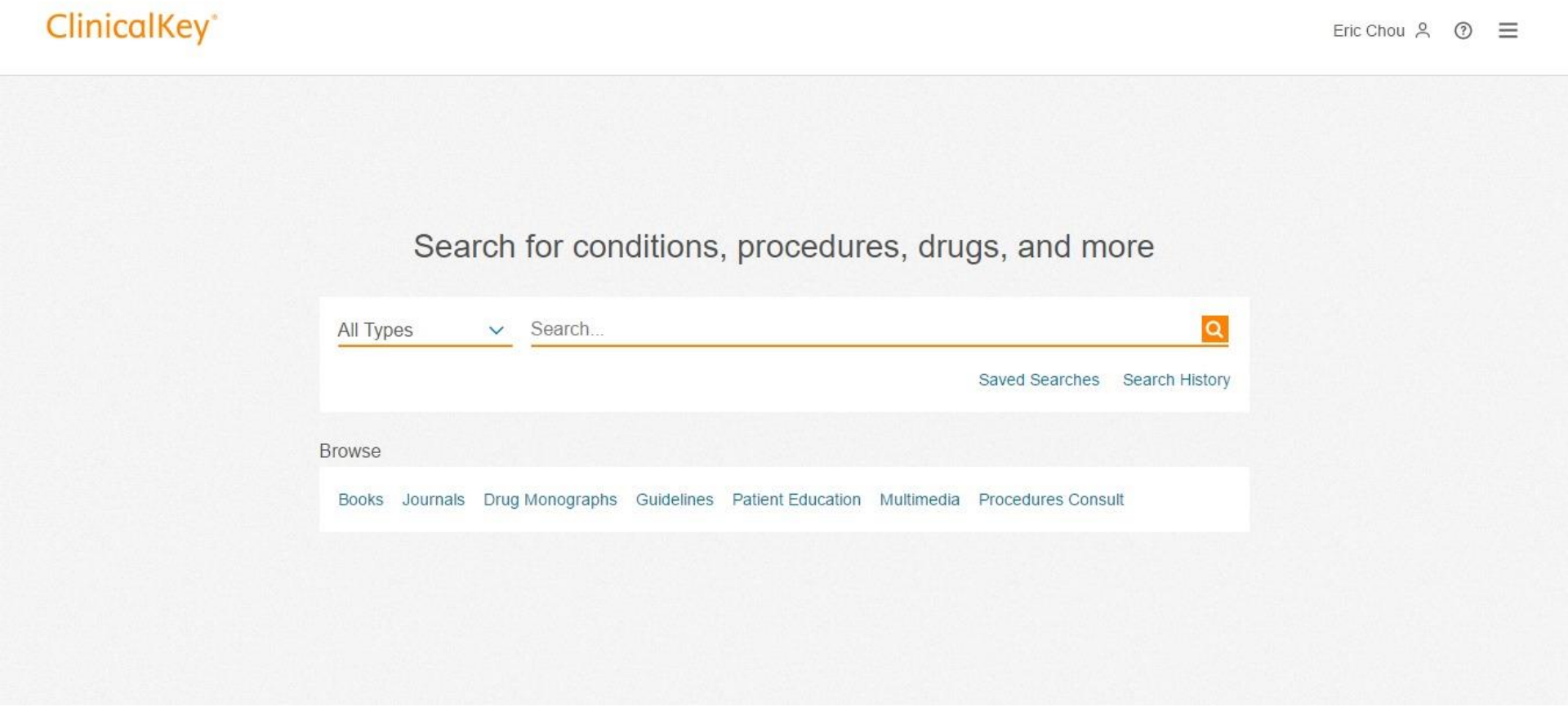


Multimedia



High-
Efficiency

ClinicalKey



Trusted and Comprehensive 資料全面、完整且值得信賴

✓ 1,100+ reference books	✓ 850+ First Consult & Clinical Overview
✓ 650+ medical journals	✓ 4,500+ practice guidelines
✓ Fully indexed MEDLINE	✓ 1,400+ topic pages
✓ 45,000+ medical / surgical videos	✓ 3,100+ drug monographs
✓ 340+ Procedures Consult videos	✓ 9,000+ patient education handouts
✓ Over 3 million images	✓ Clinical Trials.gov database

Journals 650+種 跨40科別 從基礎到臨床

立即閱讀最新文獻X全文檔案不求人

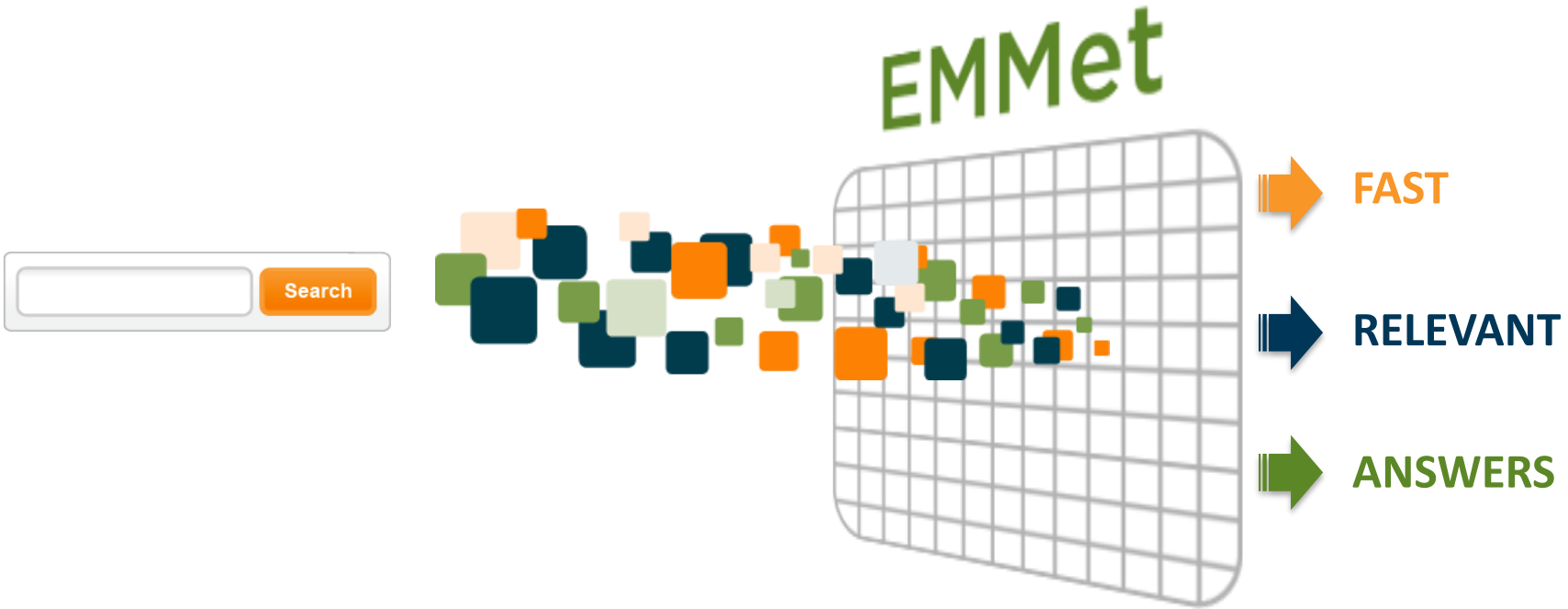
- *Trends in Biotechnology*
- *Trends in Cell Biology*
- *Trends in Pharmacological Sciences*
- *Journal of the American College of Cardiology*
- *Journal of Bone and Joint Surgery*
- *European Urology*
- *Journal of Urology*
- *Gastroenterology*
- *Lancet*
- *Lancet Infectious Diseases*
- *Lancet Neurology*
- *Lancet Oncology*





Clinical Solution **ClinicalKey**

Powerful Search Engine + Comprehensive Information



Anytime Anywhere, Mobile-optimized User-Interface
行動裝置優化操作介面

ClinicalKey

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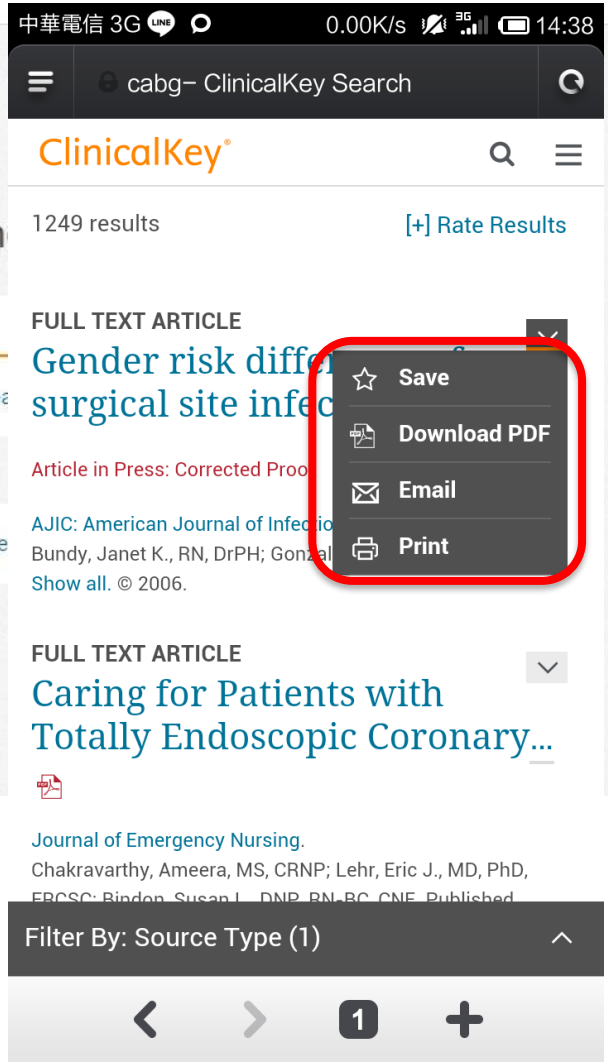
Search for conditions, procedures, drugs, an

All Types | Search...

Saved Sea

Procedure

- **The same functionality as desktop version**
- **Intuitive and easier to navigate**
- **Browser / App / Via 3G, 4G or Wi-Fi**



Advantage of ClinicalKey
優勢



Includes the latest journals, videos, guidelines, etc.
包含最新出版的期刊, 影片,臨床指引等



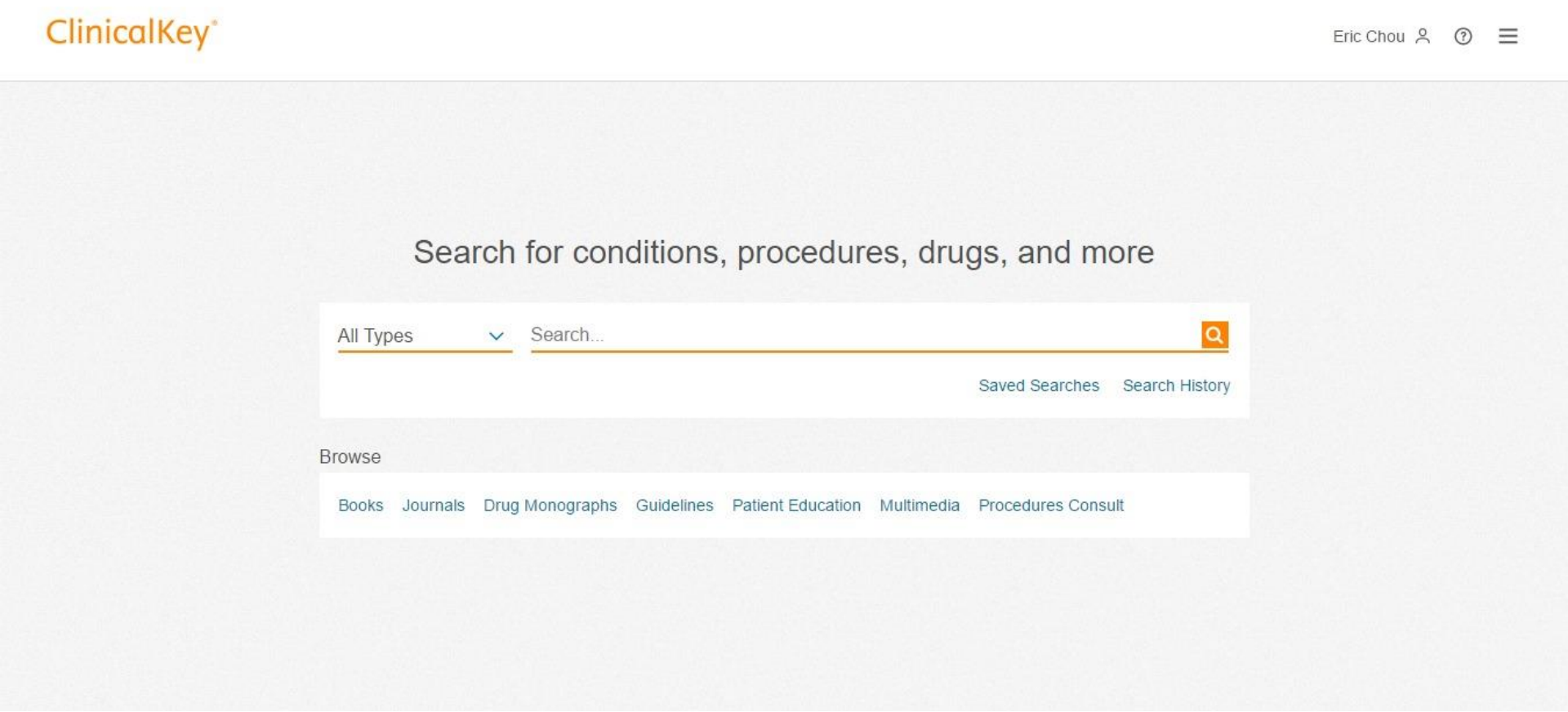
Covers virtually every medical specialties
涵蓋所有醫學專科; RT, PT, 營養師等專業人員也可使用



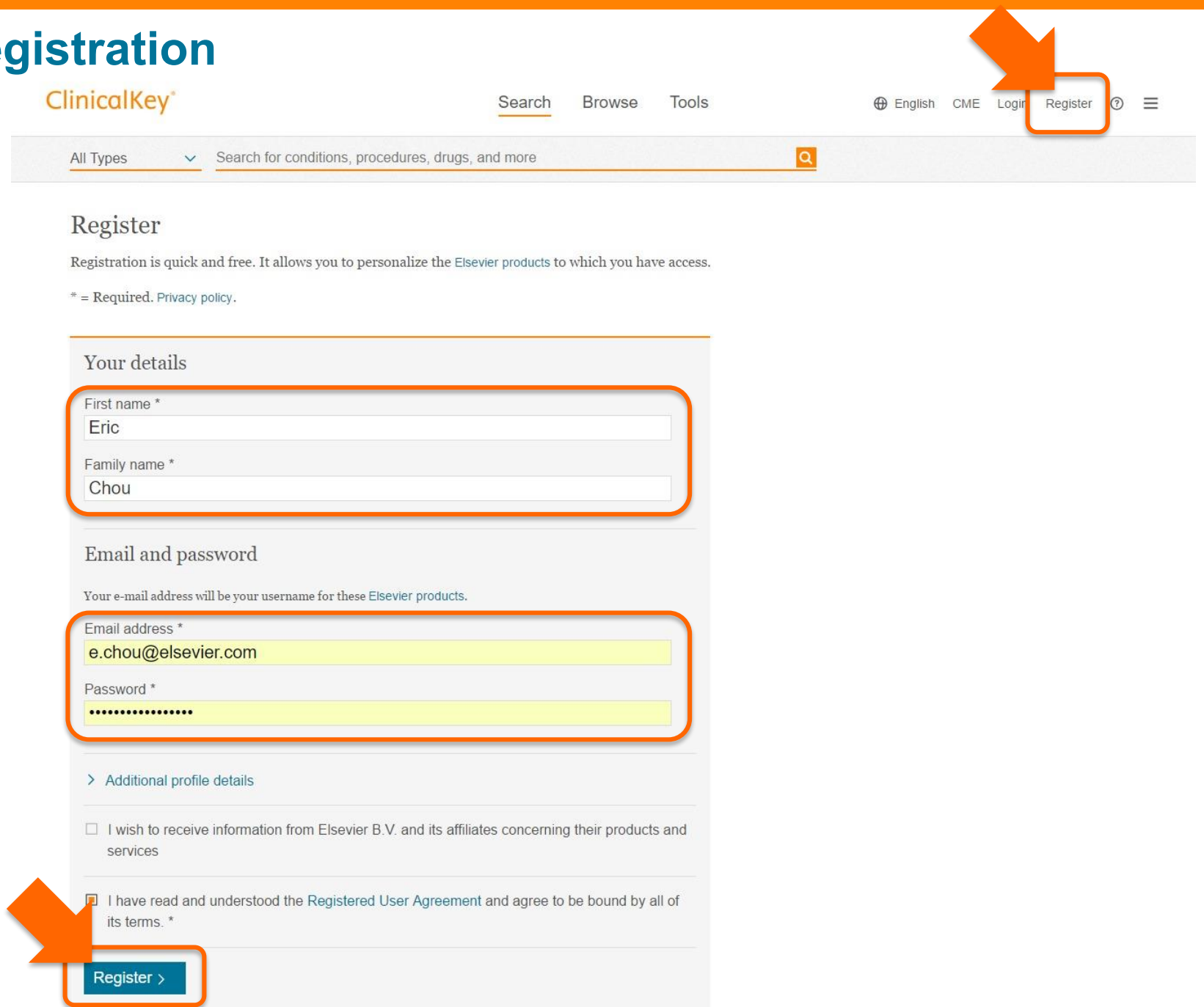
Content is continuously updated and **always current**
內容持續更新沒有延遲!


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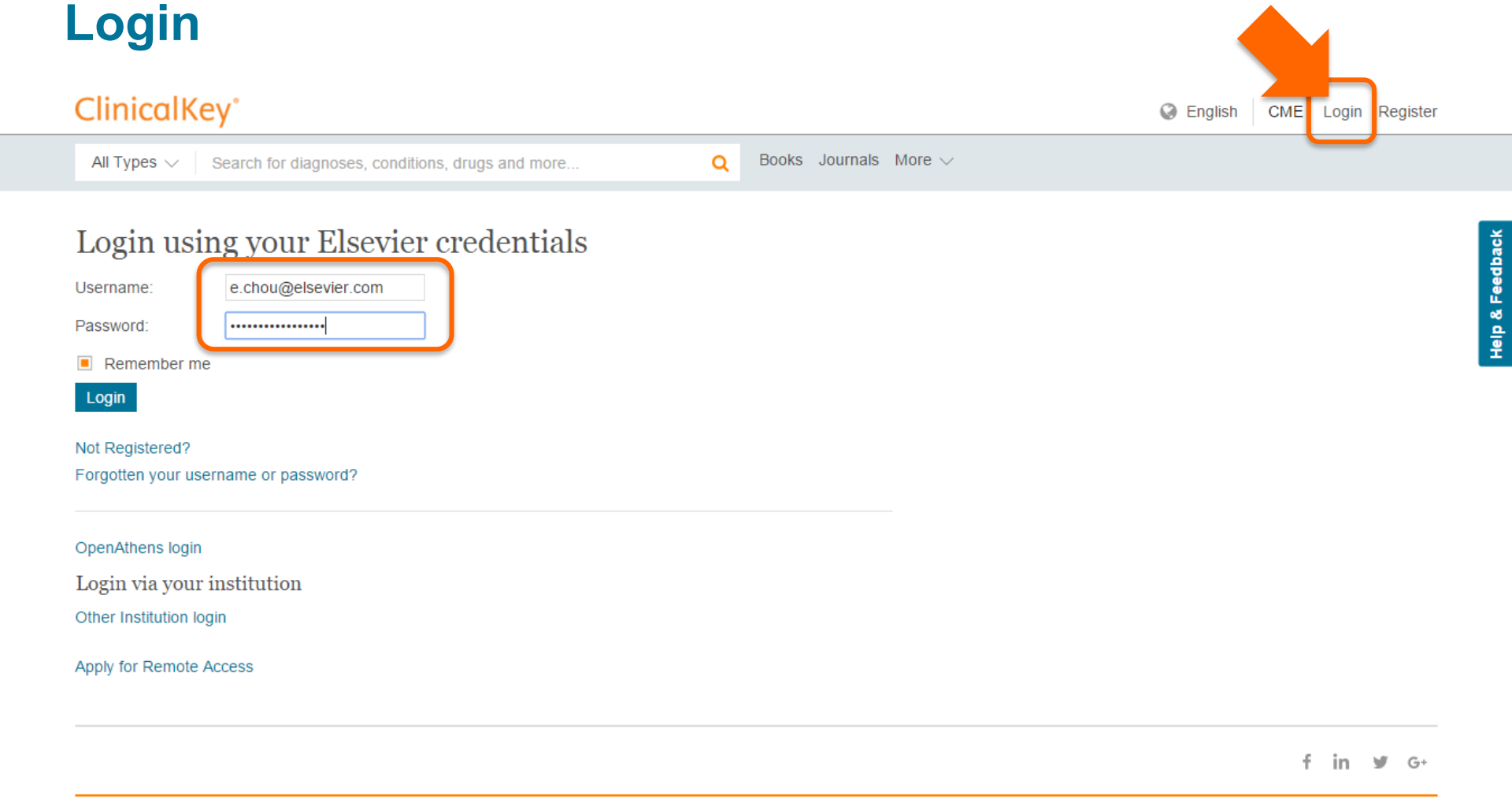
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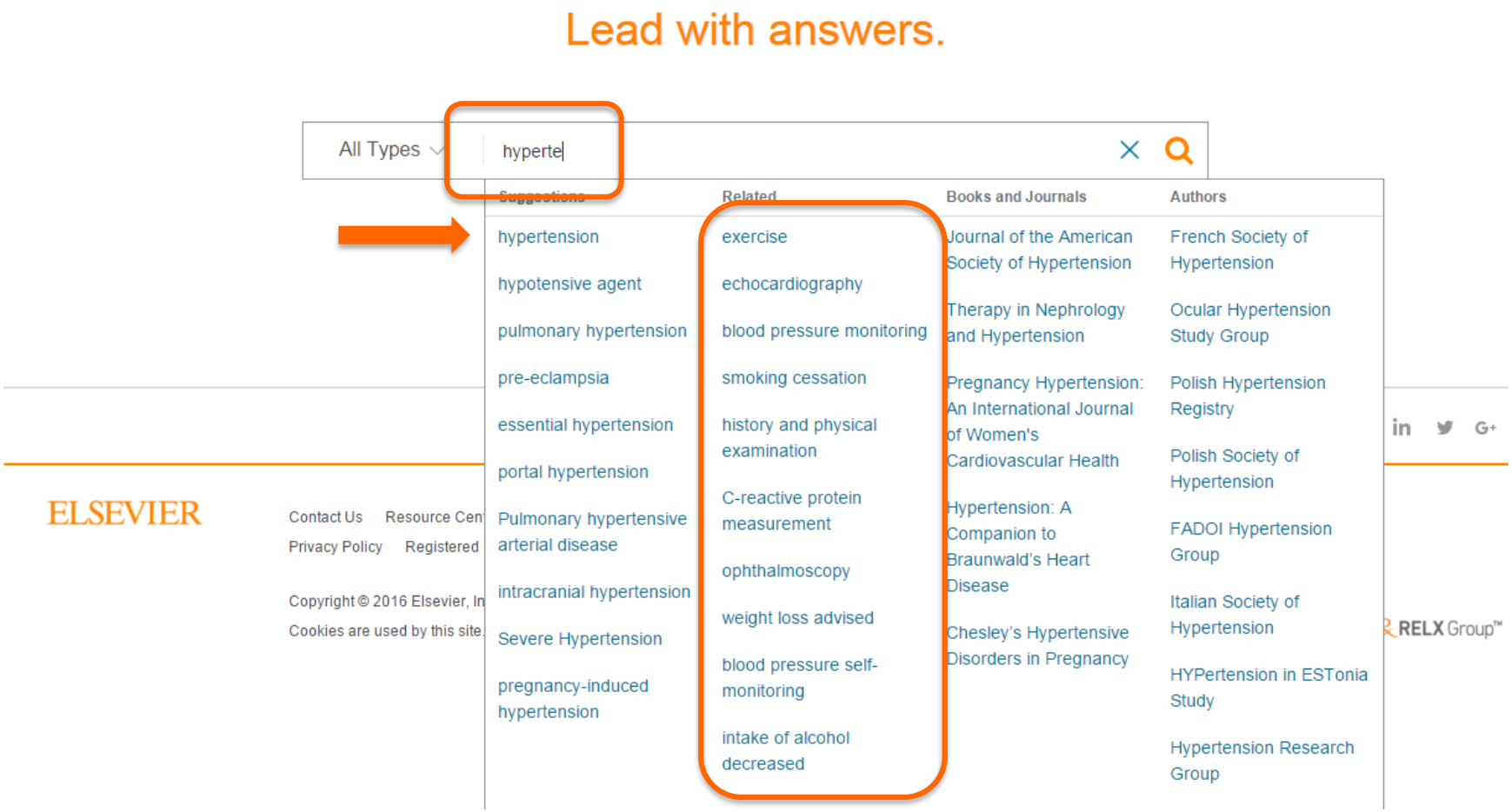
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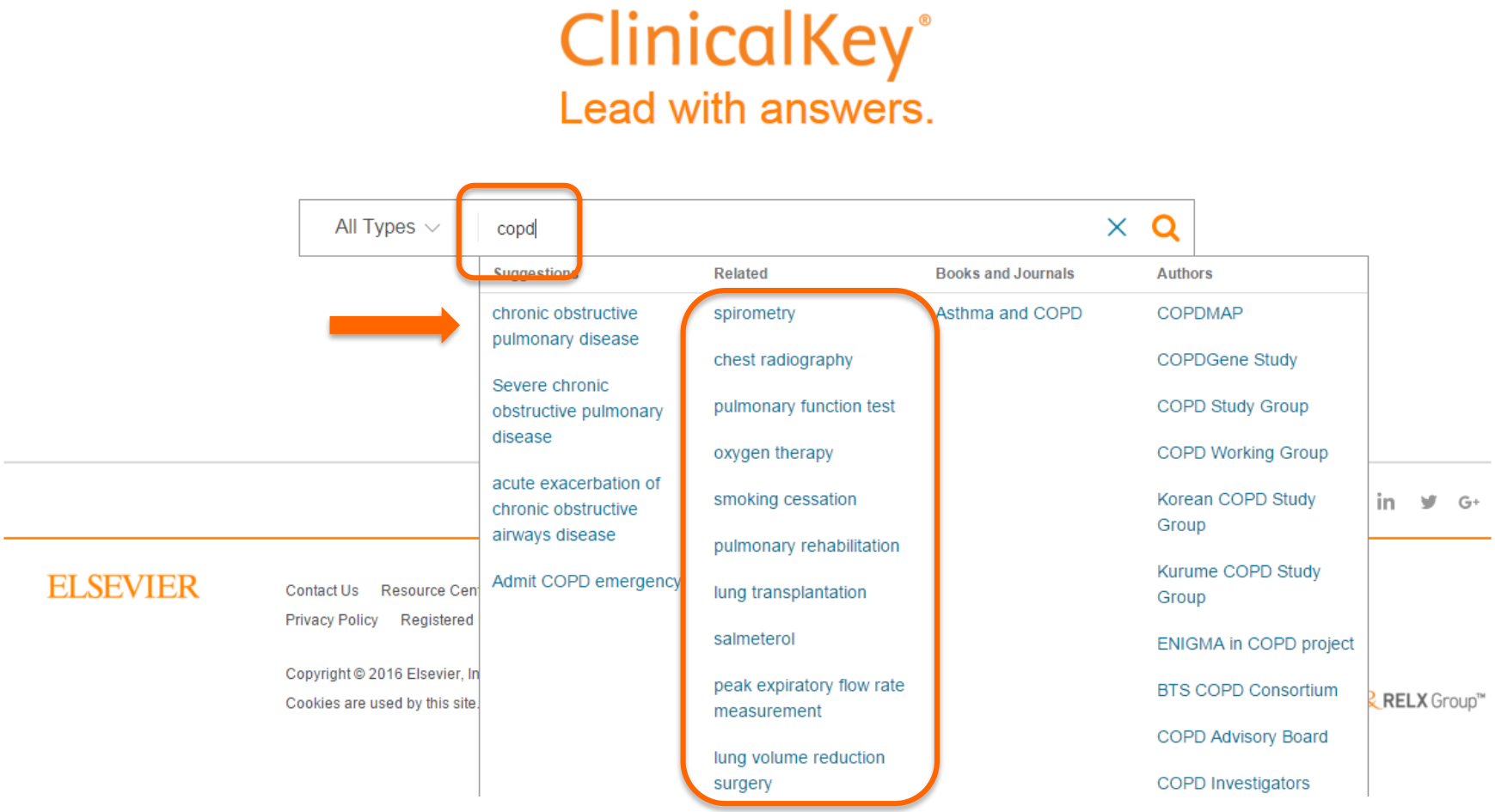
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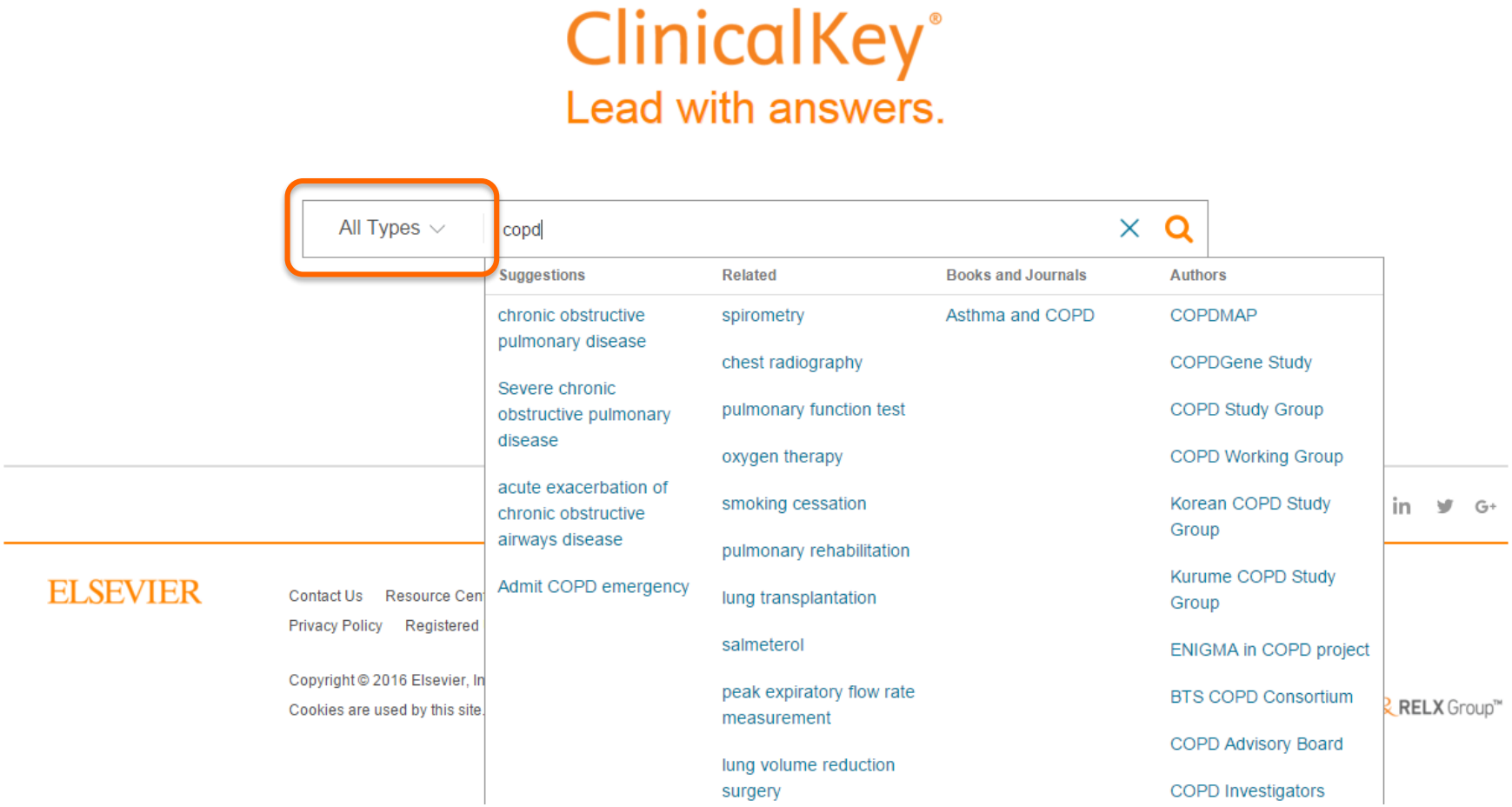
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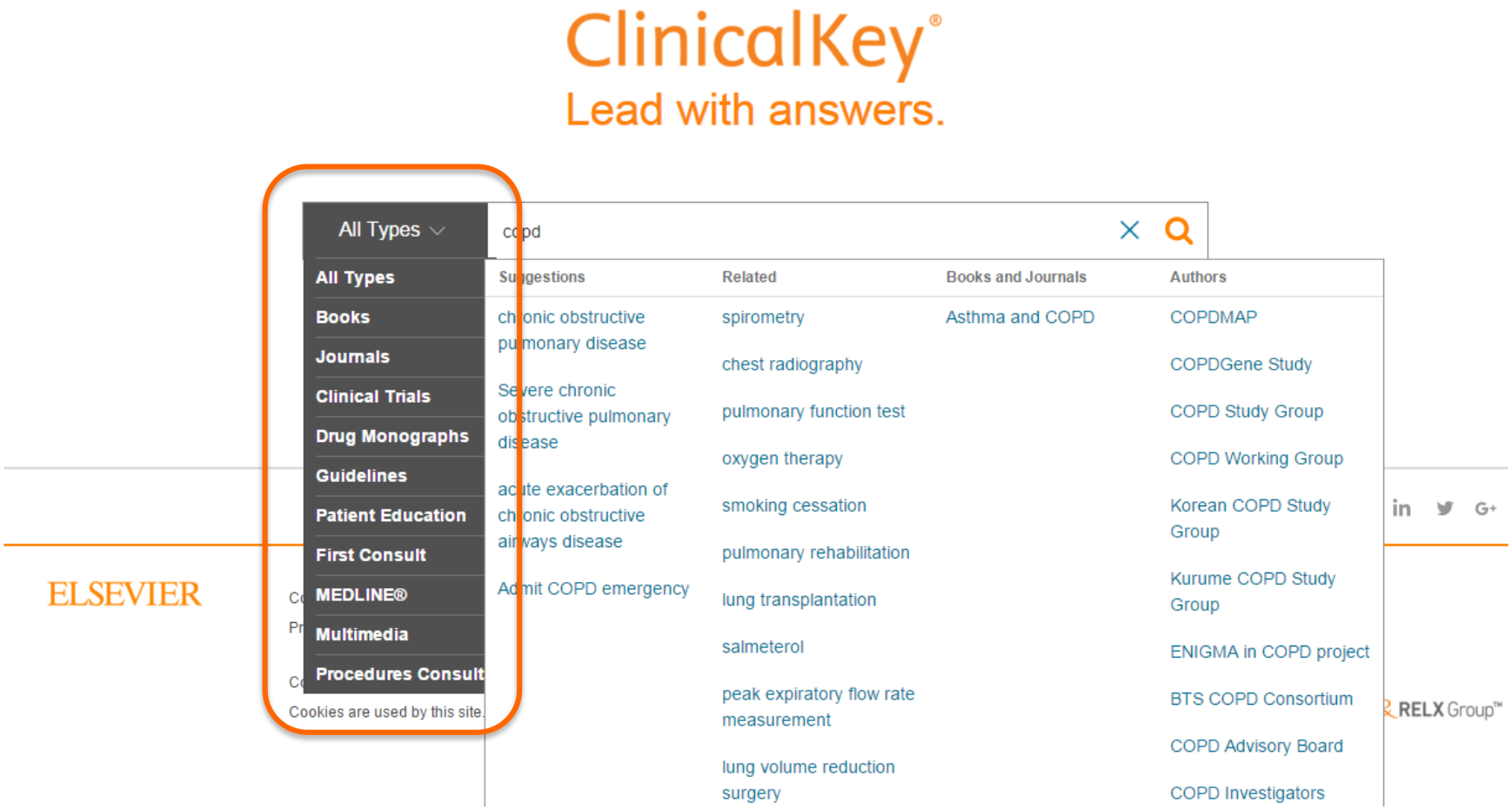
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Specific Content Type Search



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Chronic obstructive pulmonary disease

Shawn P. E. Nishi, MD; Gulshan Sharma, MD, MPH… Show all. Published February 5, 2014. Last updated August 26, 2011.

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Chronic Obstructive Pulmonary Disease

Ferri's Clinical Advisor 2016.
Ferri, Fred F., M.D., F.A.C.P.. Published January 1, 2016. Pages 330-334.e2. © 2016.

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Chronic Obstructive Pulmonary Disease

Rosen's Emergency Medicine.
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Chronic Obstructive Pulmonary Disease

Goldman-Cecil Medicine.
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Chronic Obstructive Pulmonary Disease

Disease Overview | View Full Topic

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Definition

Chronic obstructive pulmonary disease (COPD) is an inflammatory respiratory disease usually caused by exposure to tobacco smoke. It is characterized by the presence of airflow limitation that is not fully reversible. The pathophysiology of COPD is related to chronic airway irritation, mucus production, and pulmonary scarring. Traditionally, COPD was described as encompassing *emphysema* , characterized by loss of lung elasticity and destruction of lung parenchyma with enlargement of air spaces, and *chronic bronchitis* , characterized

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Definition

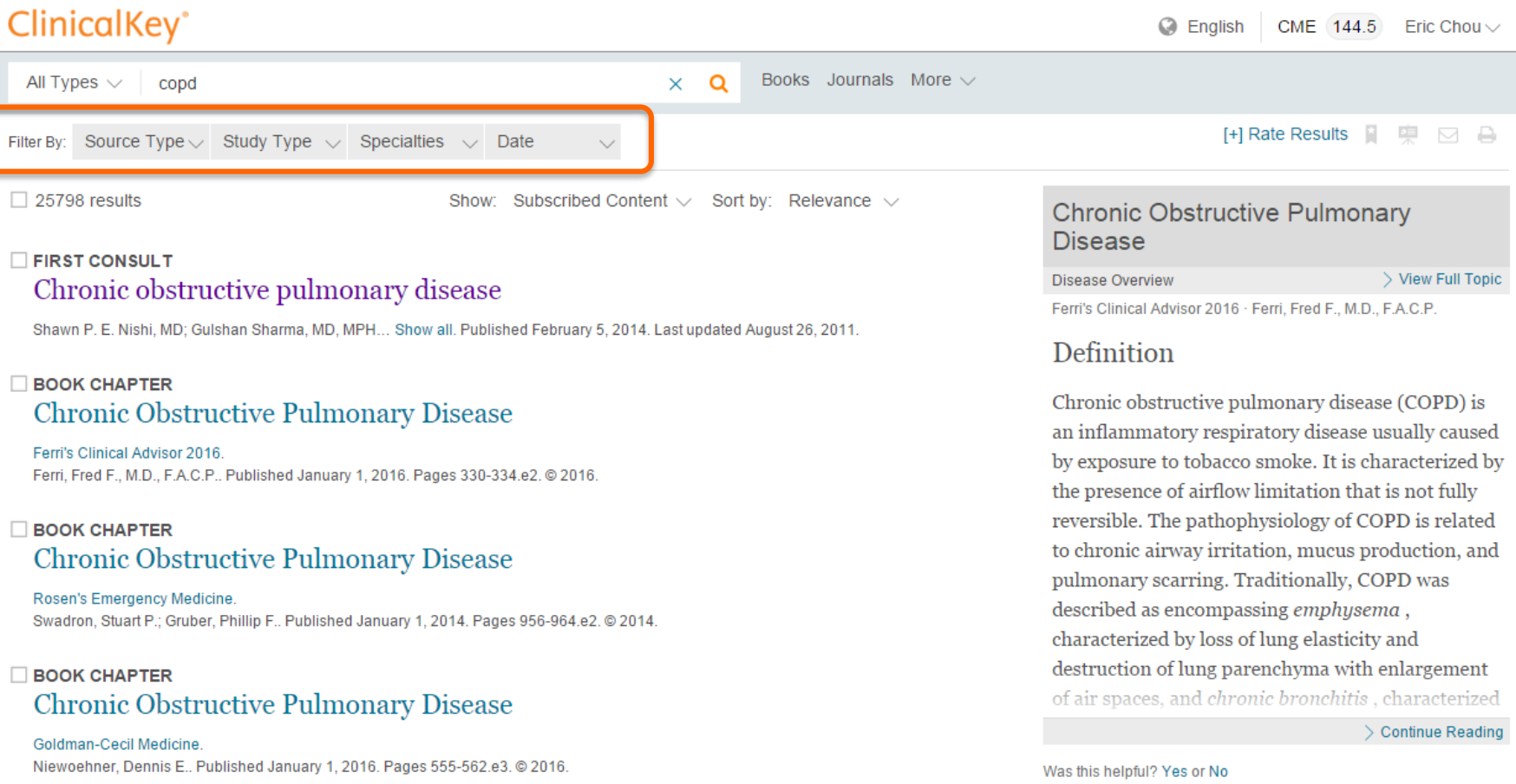
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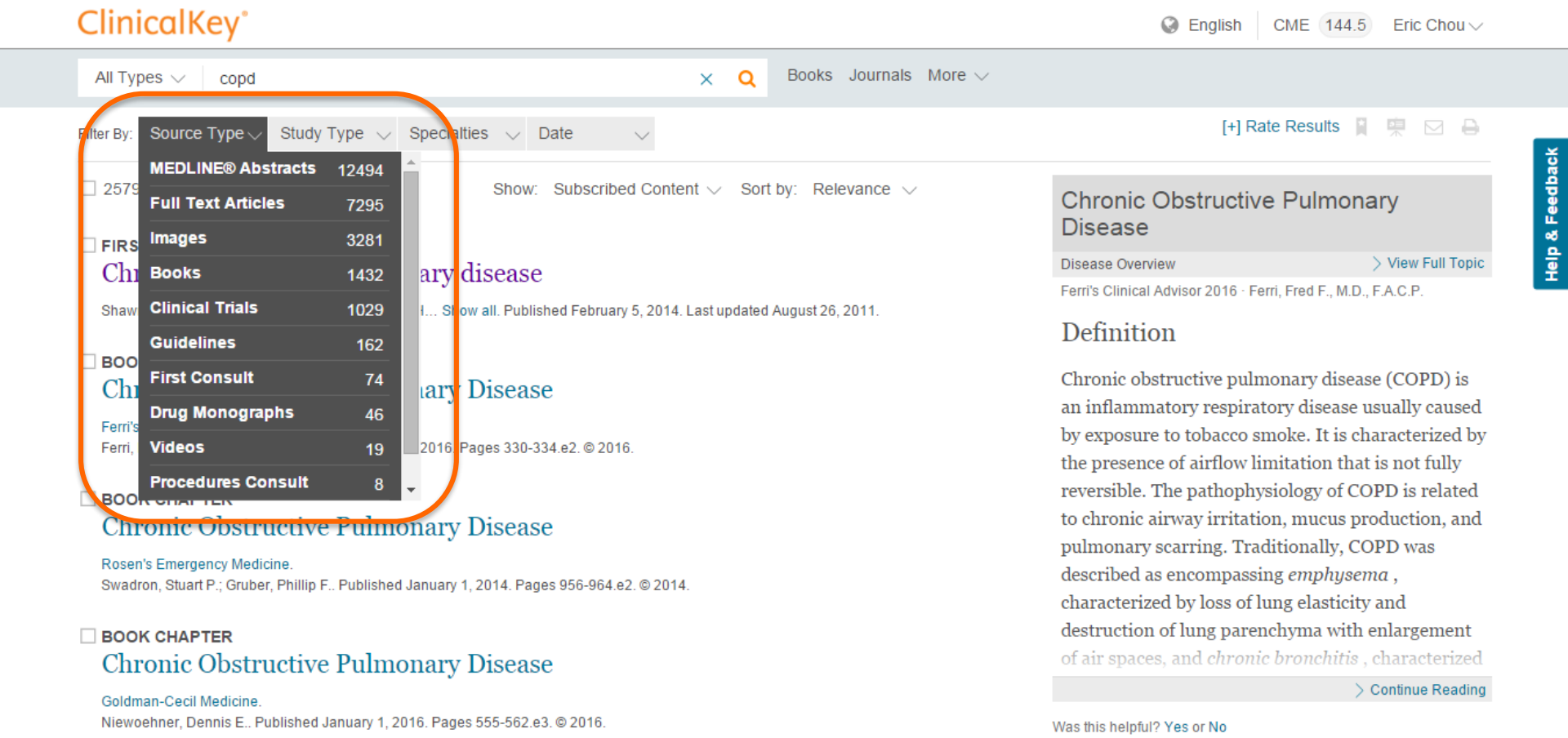
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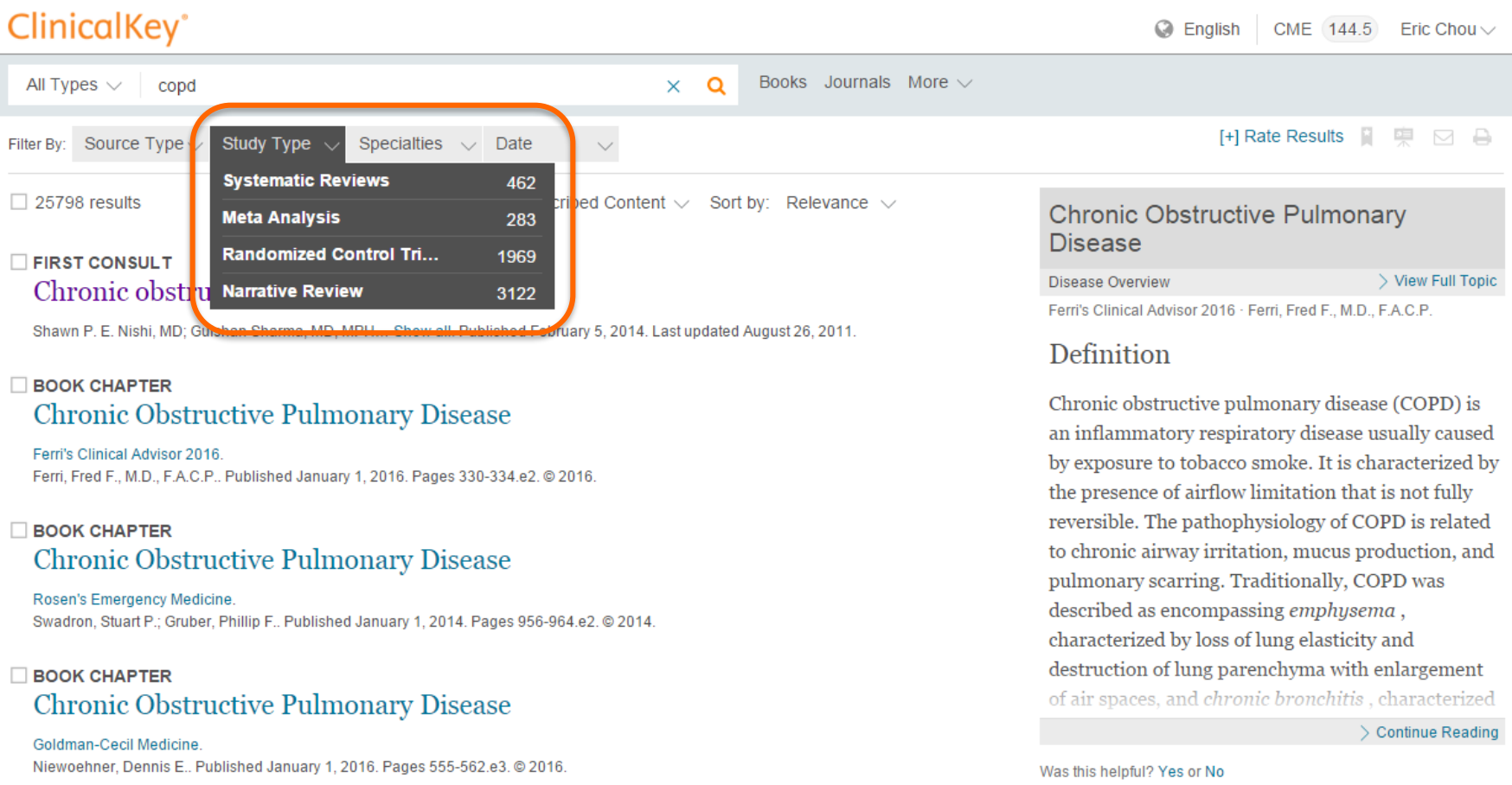
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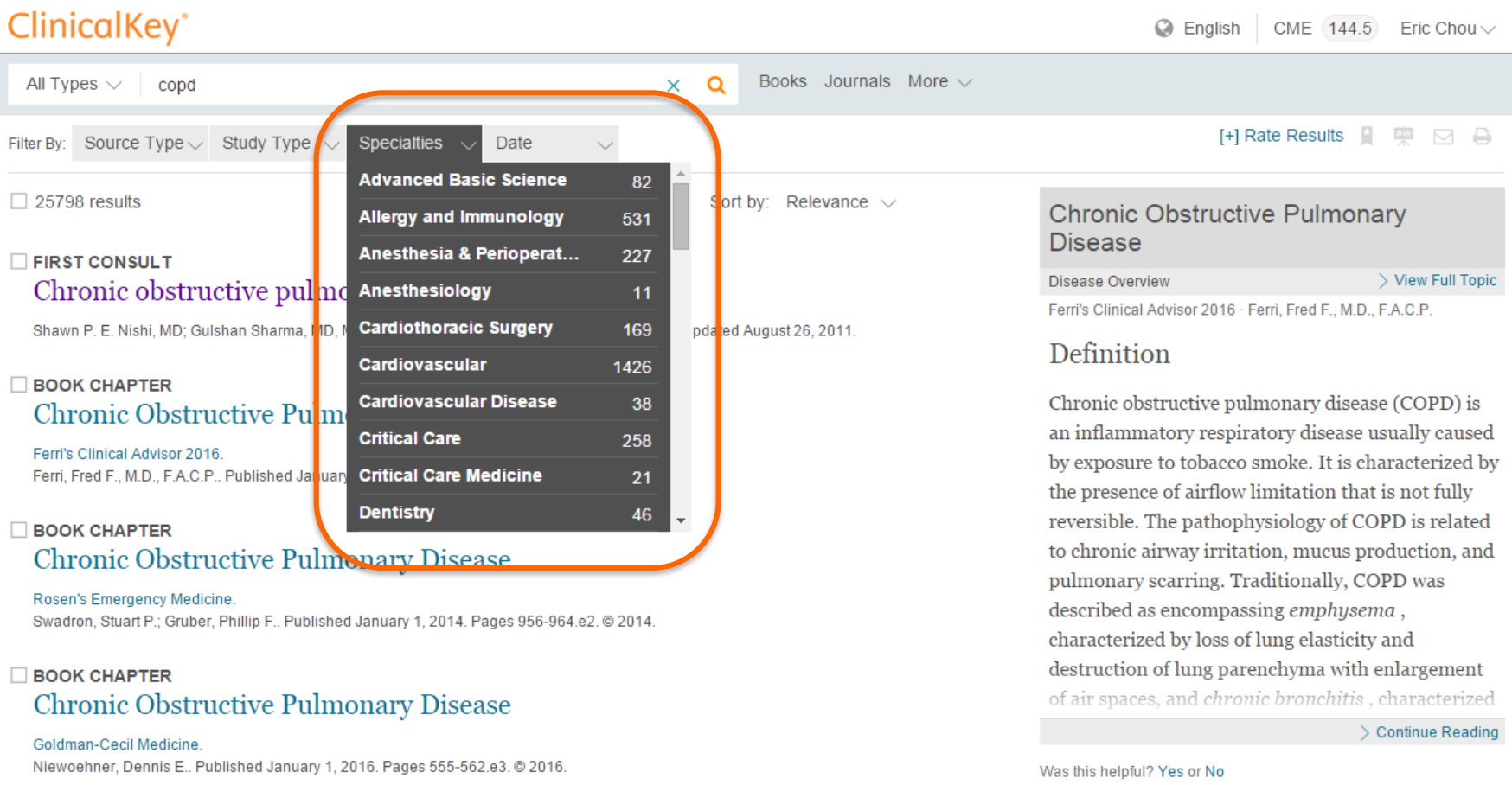
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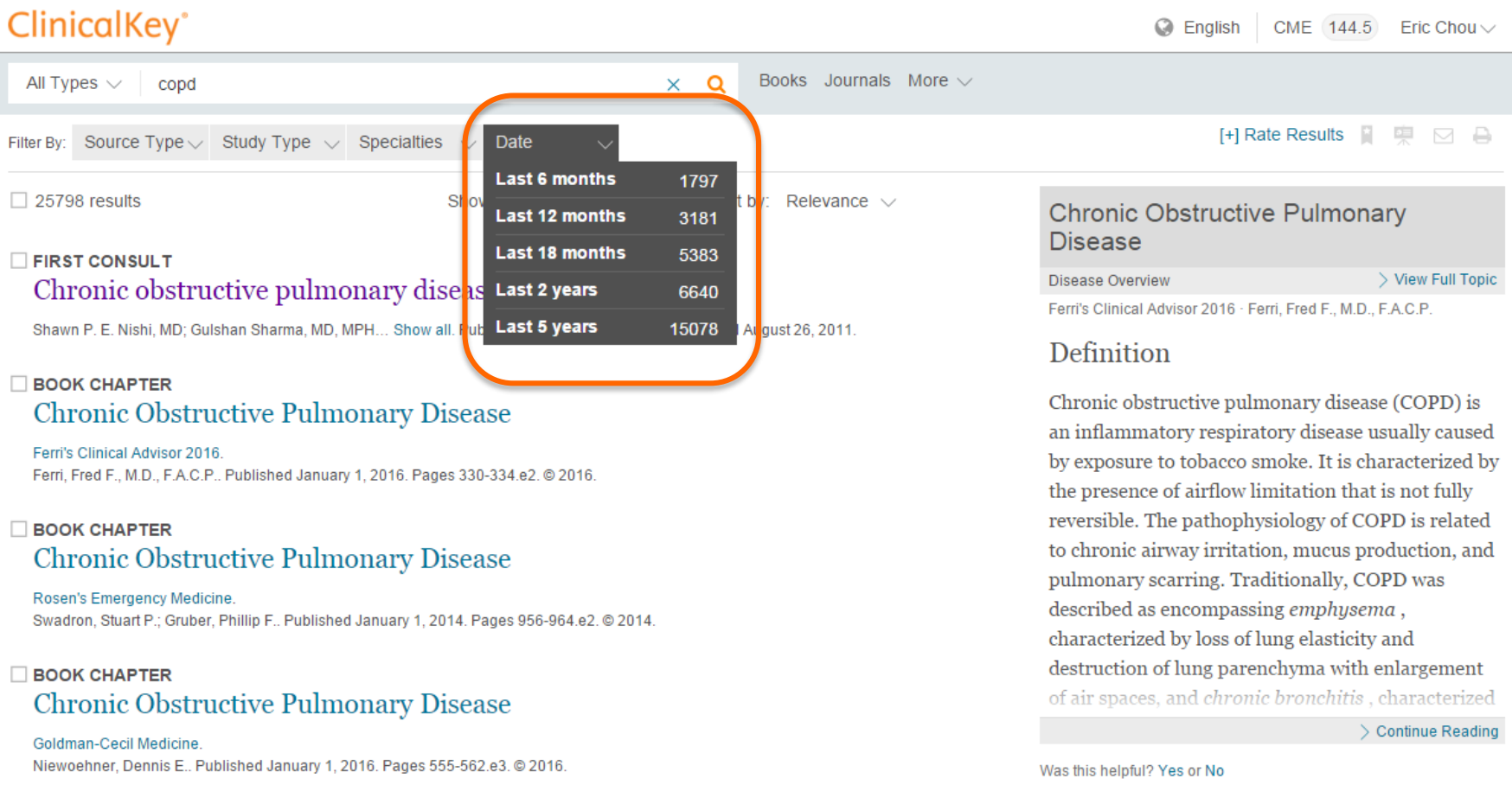
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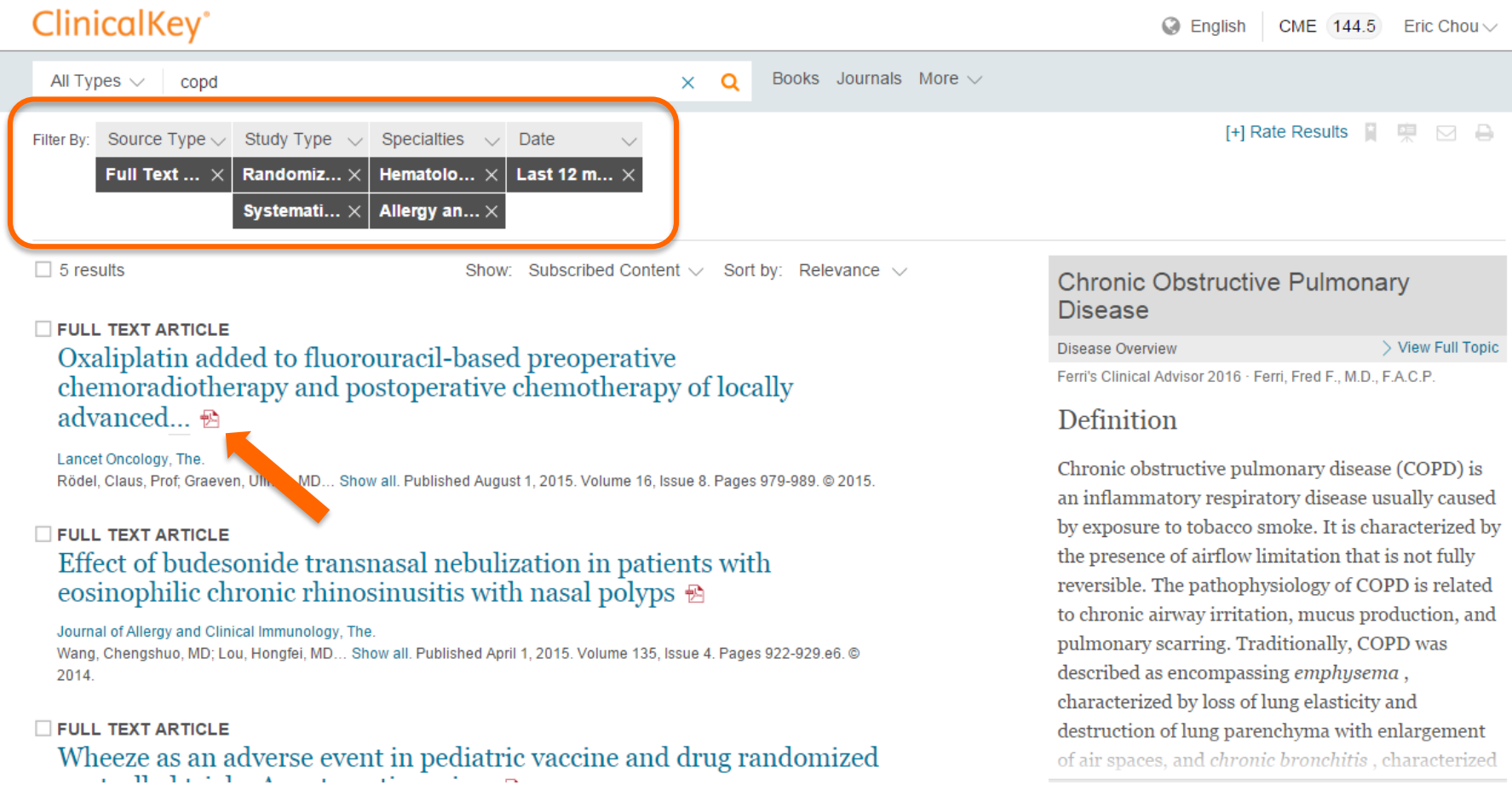
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Cor pulmonale
Andrew M. Freeman, MD, FACC, FACP, Director of Clinical Cardiology and Operations, Assistant Professor of Medicine, National Jewish Health, Denver, Colorado; Abraham D. Abernethy, MD, Department of Pediatrics, University Hospitals Case Medical Center, Cleveland, Ohio... Show all. Published July 21, 2013. Last updated July 20, 2013.

FIRST CONSULT
Spontaneous pneumothorax
Rendell Ashton, MD; Kristina Bailey, MD; Alex J Mechaber, MD, FACP. Published December 10, 2010.

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Community-acquired pneumonia in adults
Antoni Torres, Professor of Medicine, University of Barcelona, Director, Clinic of Pulmonology and Thoracic Surgery, Hospital of

Chronic Obstructive Pulmonary Disease

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CME

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Latest updates
Key points
Background
Description
Epidemiology
Causes and risk factors
Associated disorders
Screening
Summary approach
Population at risk
Screening modalities
Primary prevention
Summary approach

FIRST CONSULT

Chronic obstructive pulmonary disease

Revised: August 26, 2011

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Latest updates

In December 2013, the U.S. Food and Drug Administration (FDA) approved the first fixed-dose inhaled combination of umeclidinium, a long-acting muscarinic antagonist (LAMA), with vilanterol, a long-acting β2-agonist (LABA), for long-term maintenance treatment of moderate to severe, stable chronic obstructive pulmonary disease.

Evidence suggests that co-administration of LAMA and LABA is more effective than either drug class alone. Although this combination medication is not approved for asthma, it does carry a black box warning that LABAs such as vilanterol increase the risk for asthma-related death.

Applications for other LAMA/LABA once- or twice-daily combinations are in the FDA pipeline.

Key points

- A hallmark of chronic obstructive pulmonary disease (COPD) is airway obstruction that is not

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- Diagnosis
  - Summary approach
  - Clinical presentation
  - Diagnostic testing
    - Office spirometry
    - Chest radiography
    - Bronchodilator reversibility testing
    - Arterial blood gas
    - Alpha-1-antitrypsin deficiency screening
  - Differential diagnosis
    - Asthma
    - Bronchiectasis
    - Pulmonary

Background

significant change in mental status consistent with hypoxia or hypercapnia, then transfer patient to emergency department for evaluation and treatment of possible respiratory failure

Background

Description

- COPD is a disease state characterized by airflow limitation that is not fully reversible (asthma is typically reversible)
- Airflow limitation is progressive and caused by a mixture of airway disease and parenchymal destruction. It is also associated with an abnormal pulmonary inflammatory response to noxious particles or gases
- Chronic inflammation causes remodeling and narrowing of small airways; lung elastic recoil decreases and expiratory small airways collapse
- Chronic cough and sputum production may or may not be present
- Progressive dyspnea is often present
- Management plan focuses on four main components: assess and monitor; reduce risk factors; manage stable COPD; and manage exacerbations

Epidemiology

Incidence and prevalence:

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- Tiotropium
- Evidence
- References
- Inhaled

Description

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Epidemiology

Incidence and prevalence:

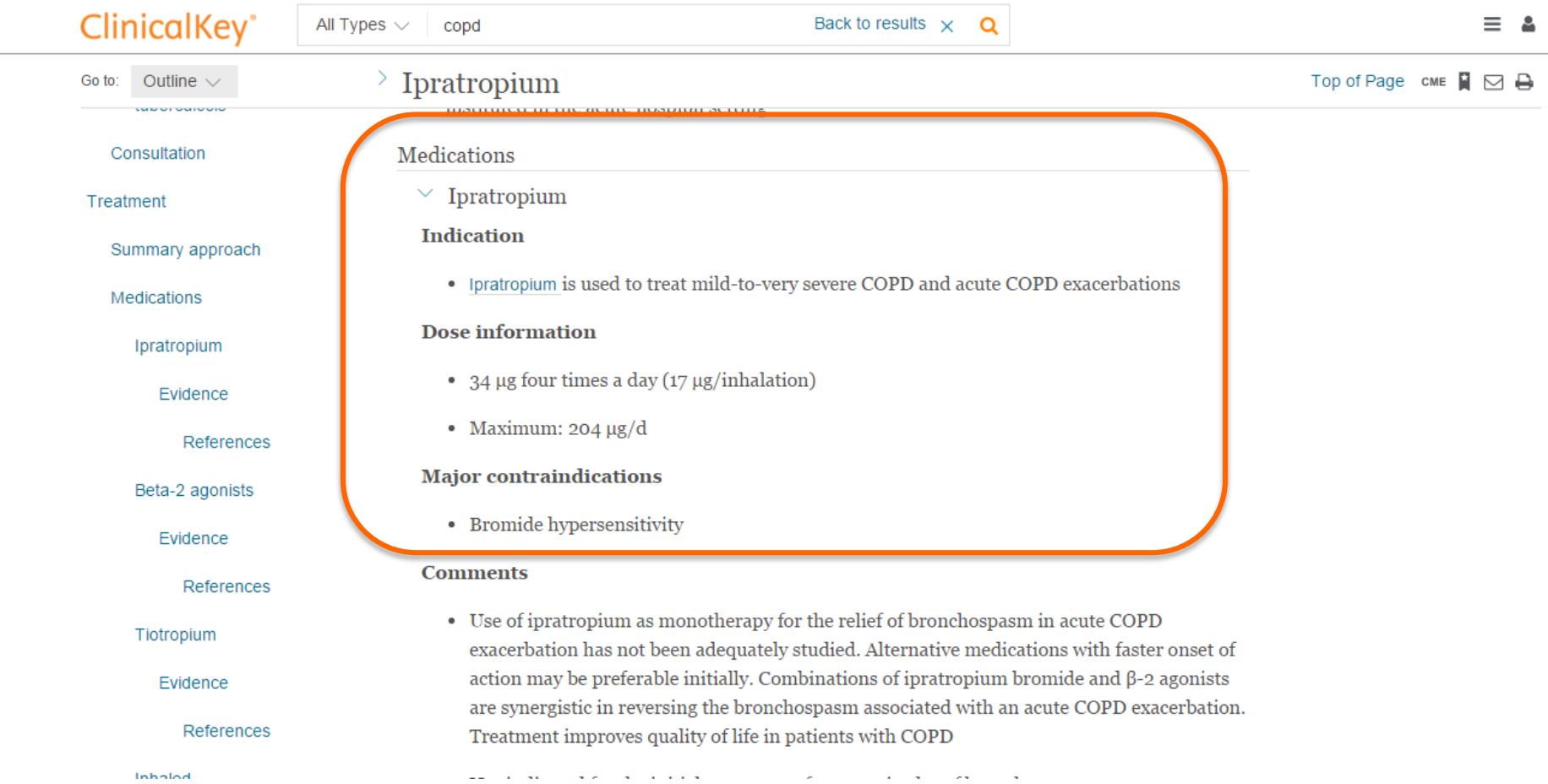
- This disease tends to be significantly under-diagnosed; it is possible that only half of those with COPD are included in prevalence data
- Incidence: New diagnosis of COPD is more common in women, owing to diagnosis in aging women who have smoked since their teenage years
- Prevalence: 6% to 10% of the adult population and up to 50% of smokers have COPD

Demographics:

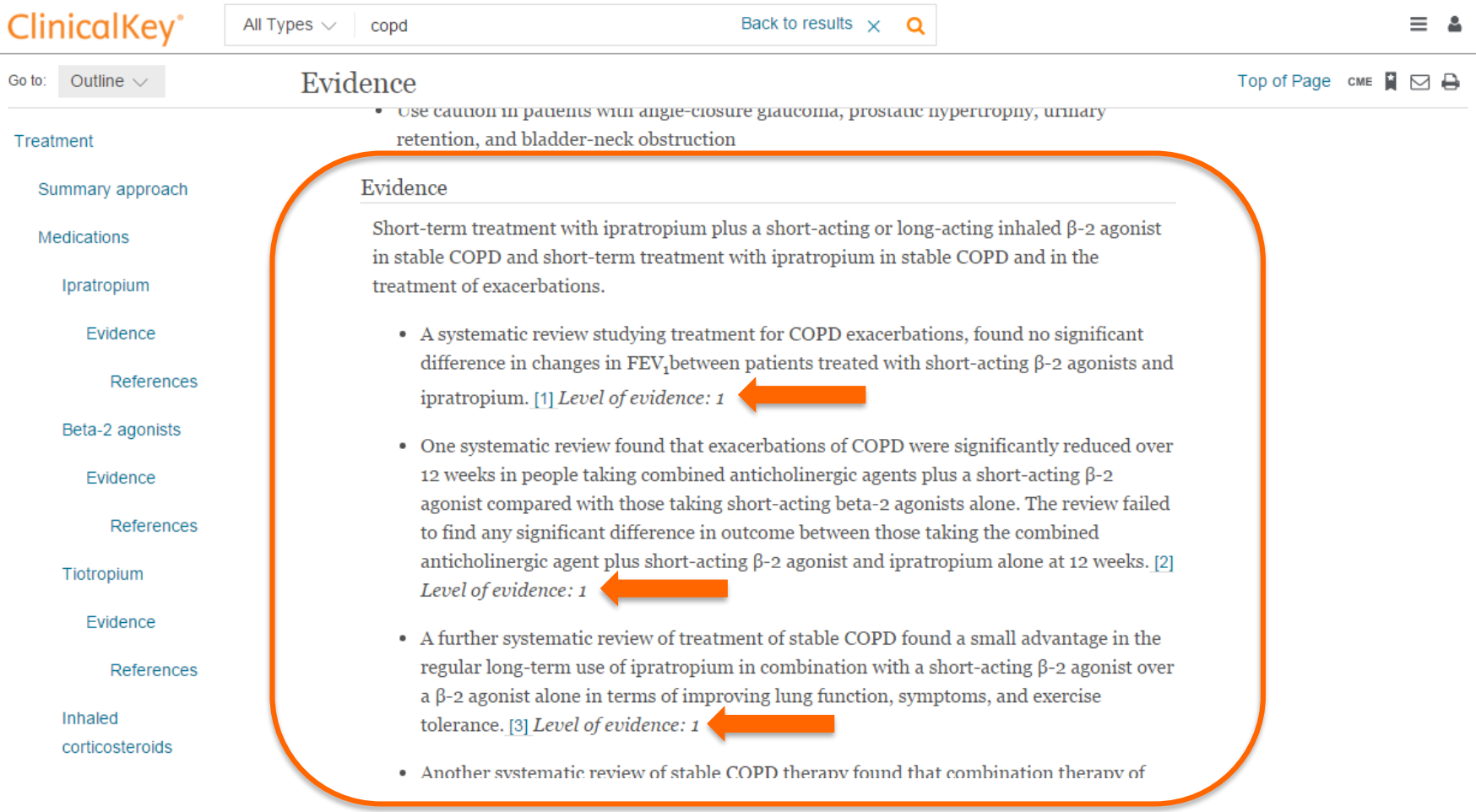
- Age: COPD prevalence increases with increasing age; number of smoking pack years exposure to cigarette smoke are critical
- Gender: In developed countries, men have been affected more than women, probably because

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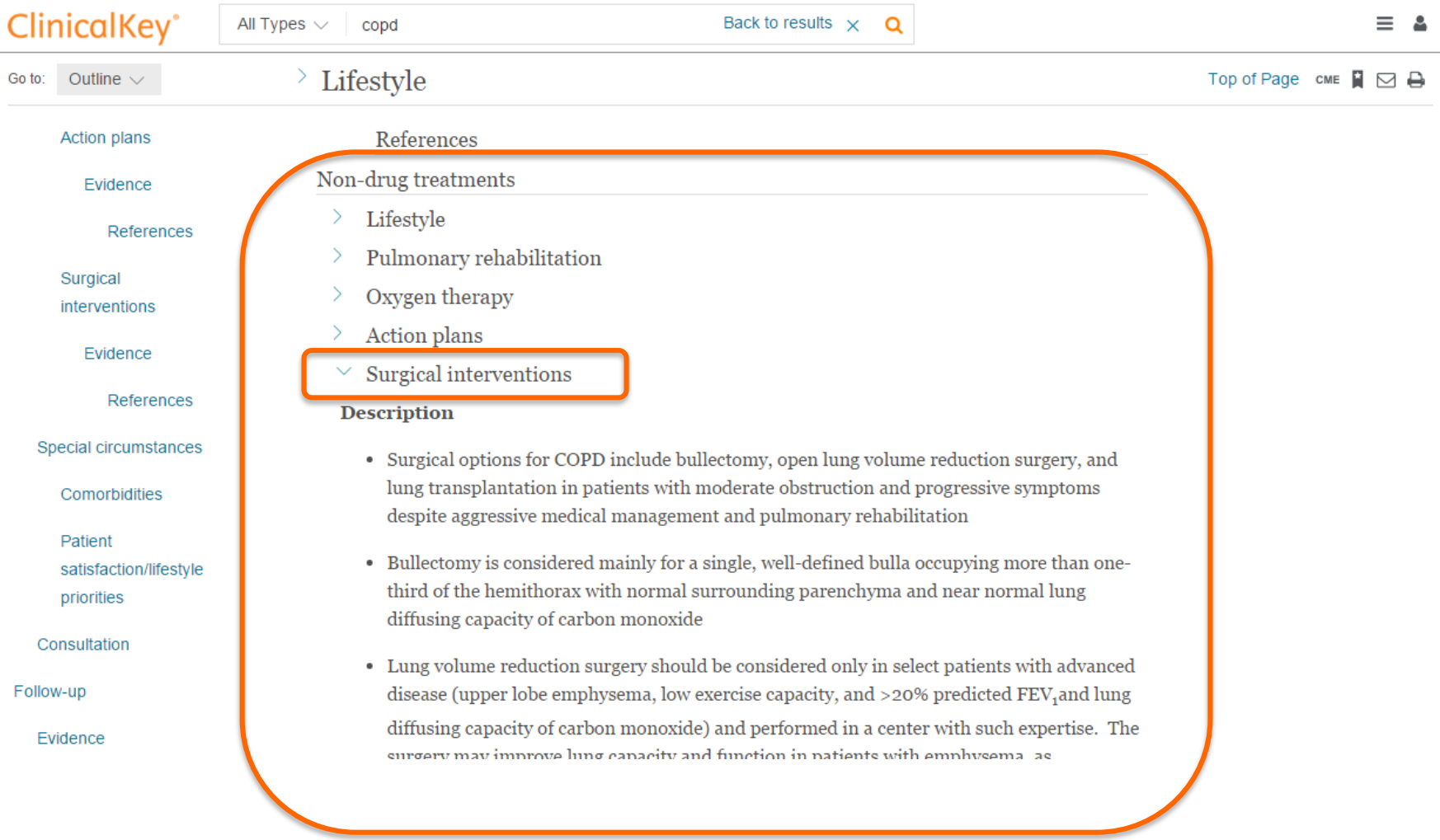
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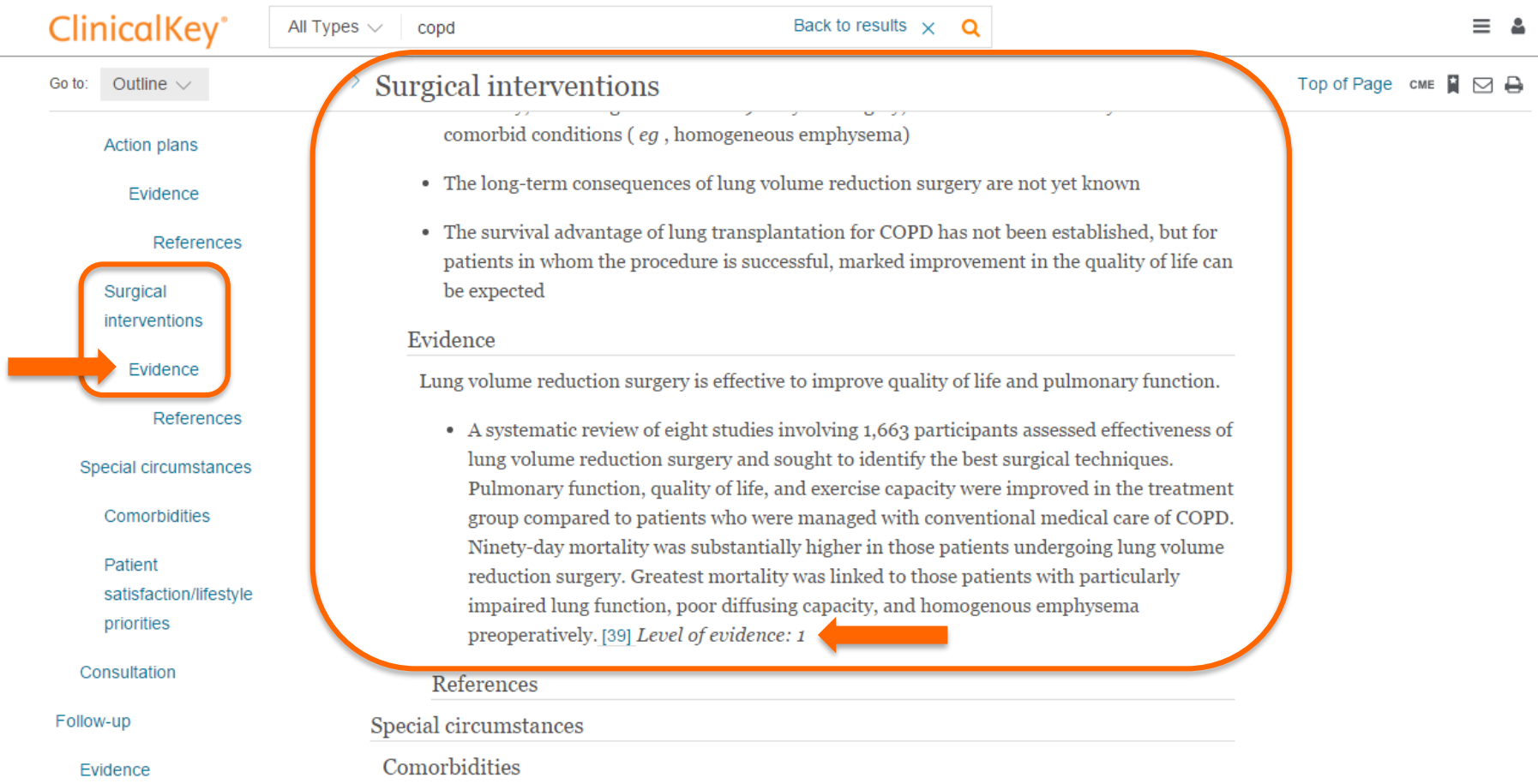
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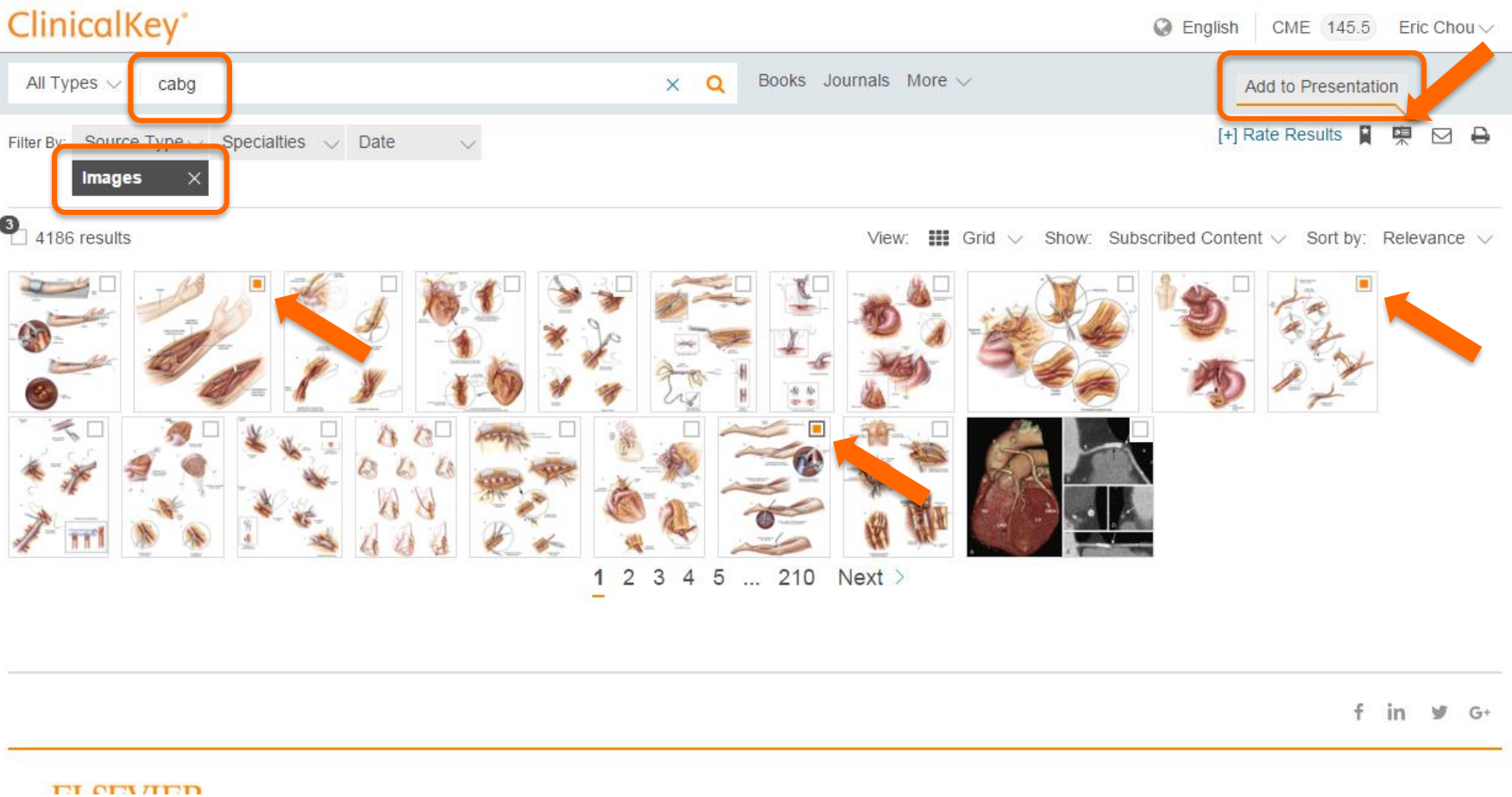
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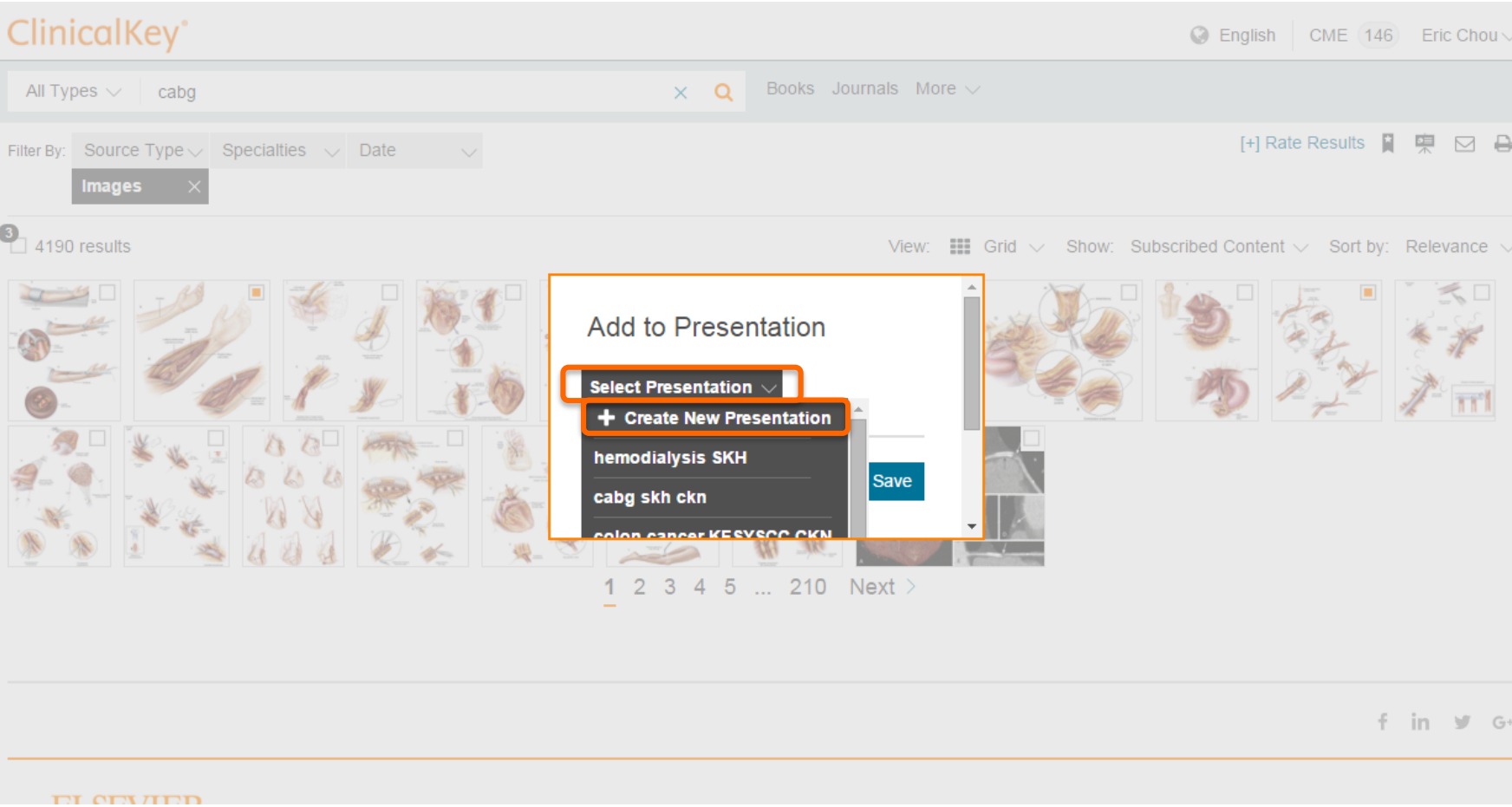
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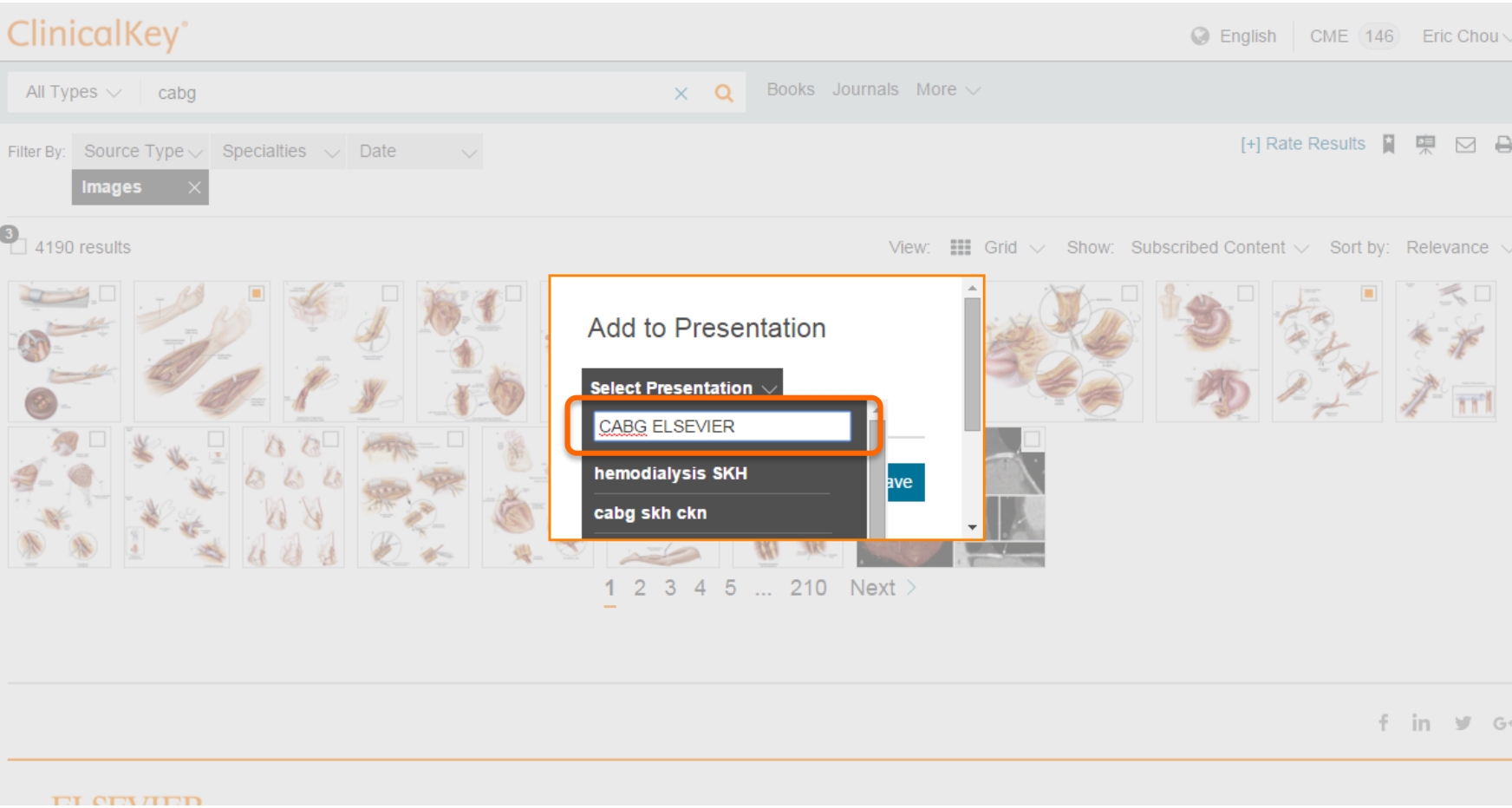
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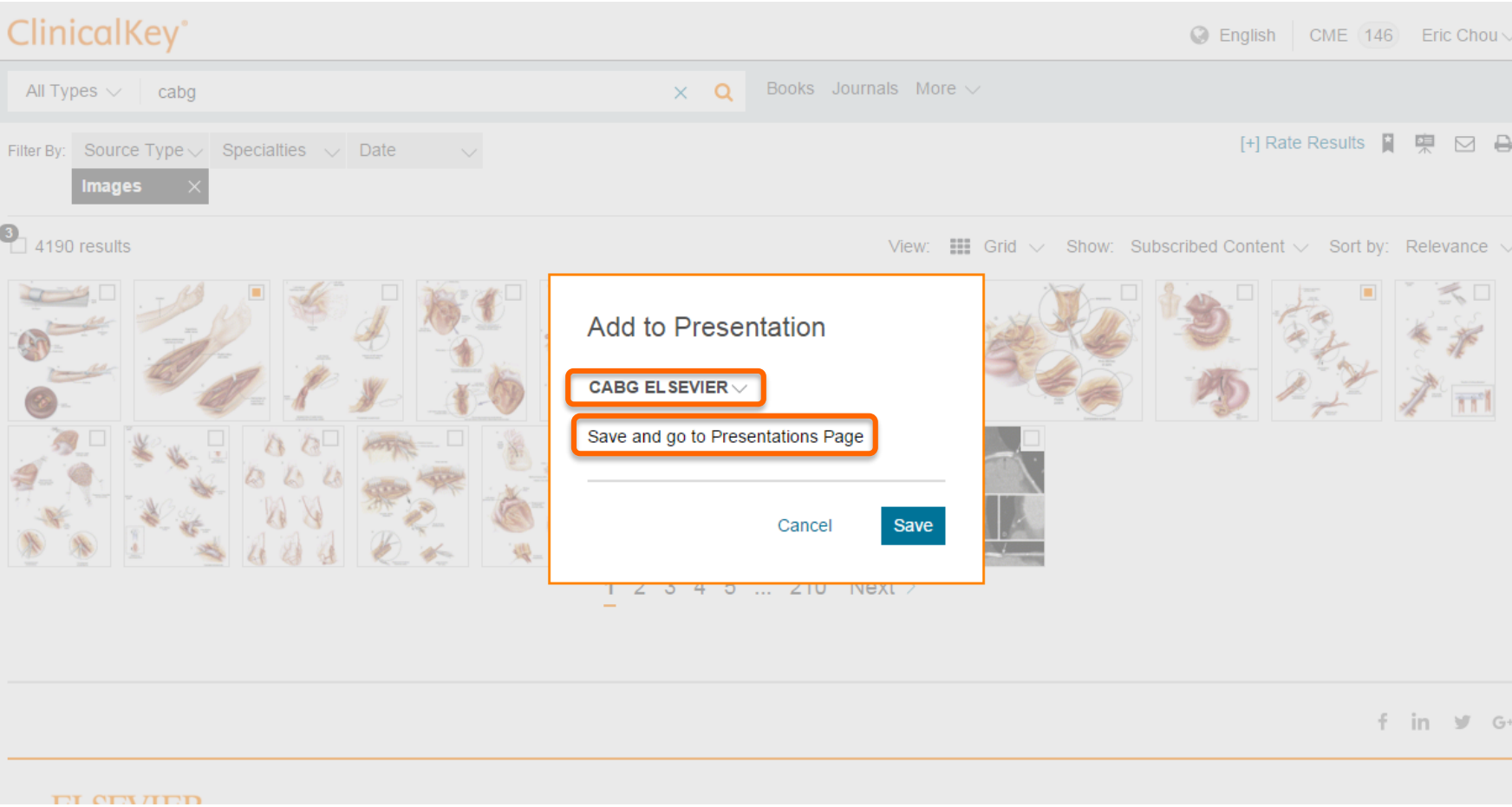
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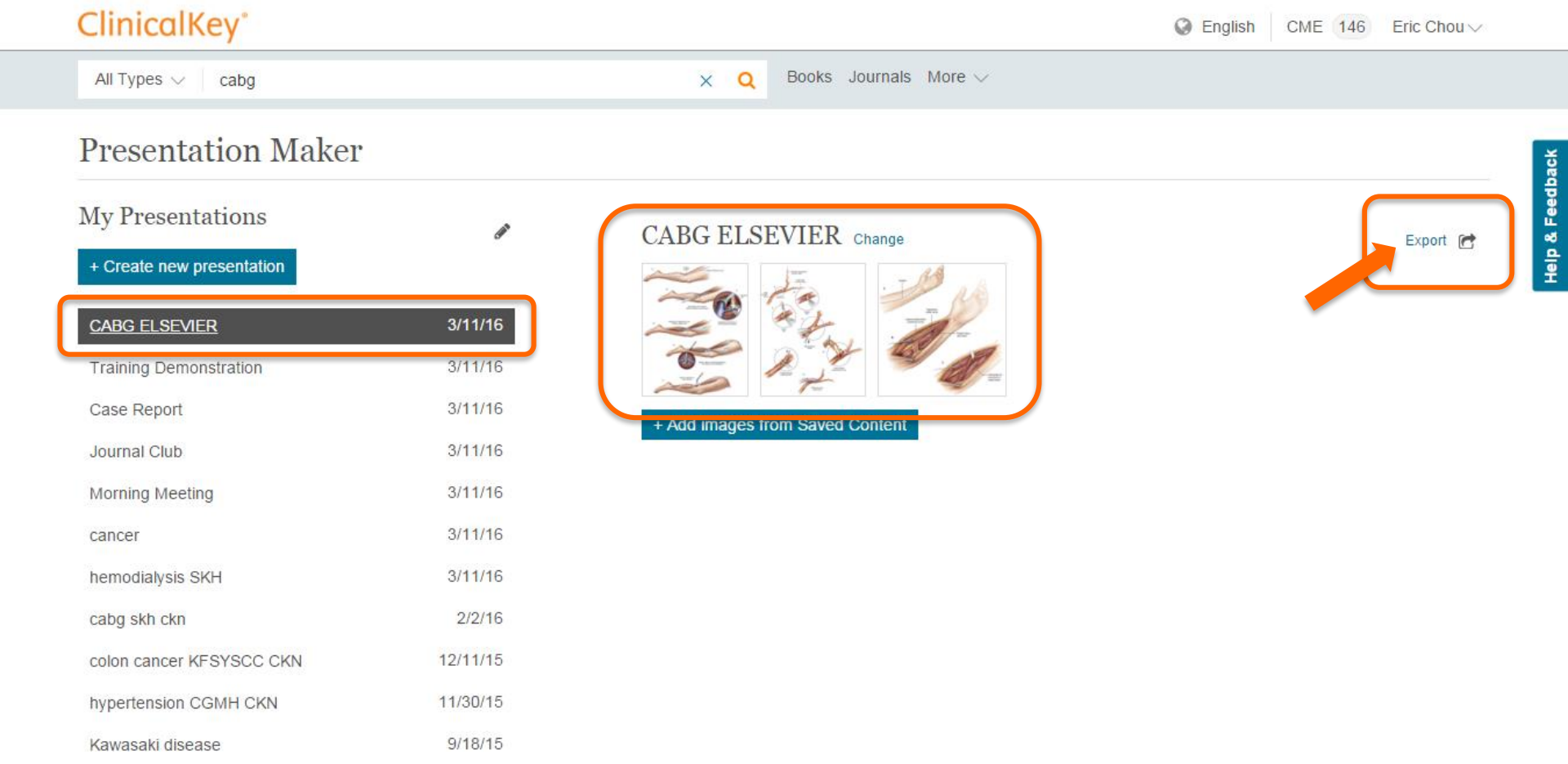
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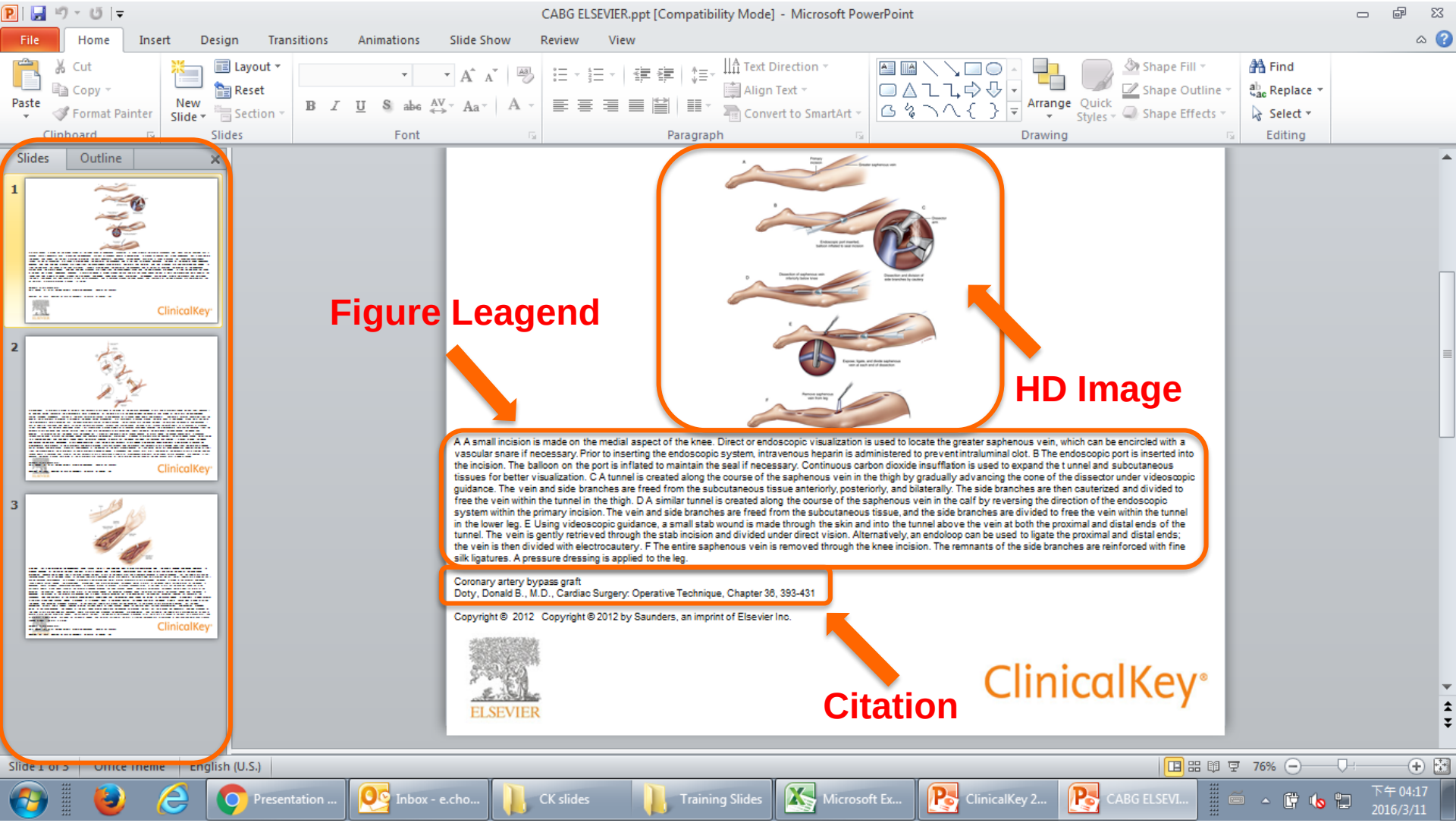
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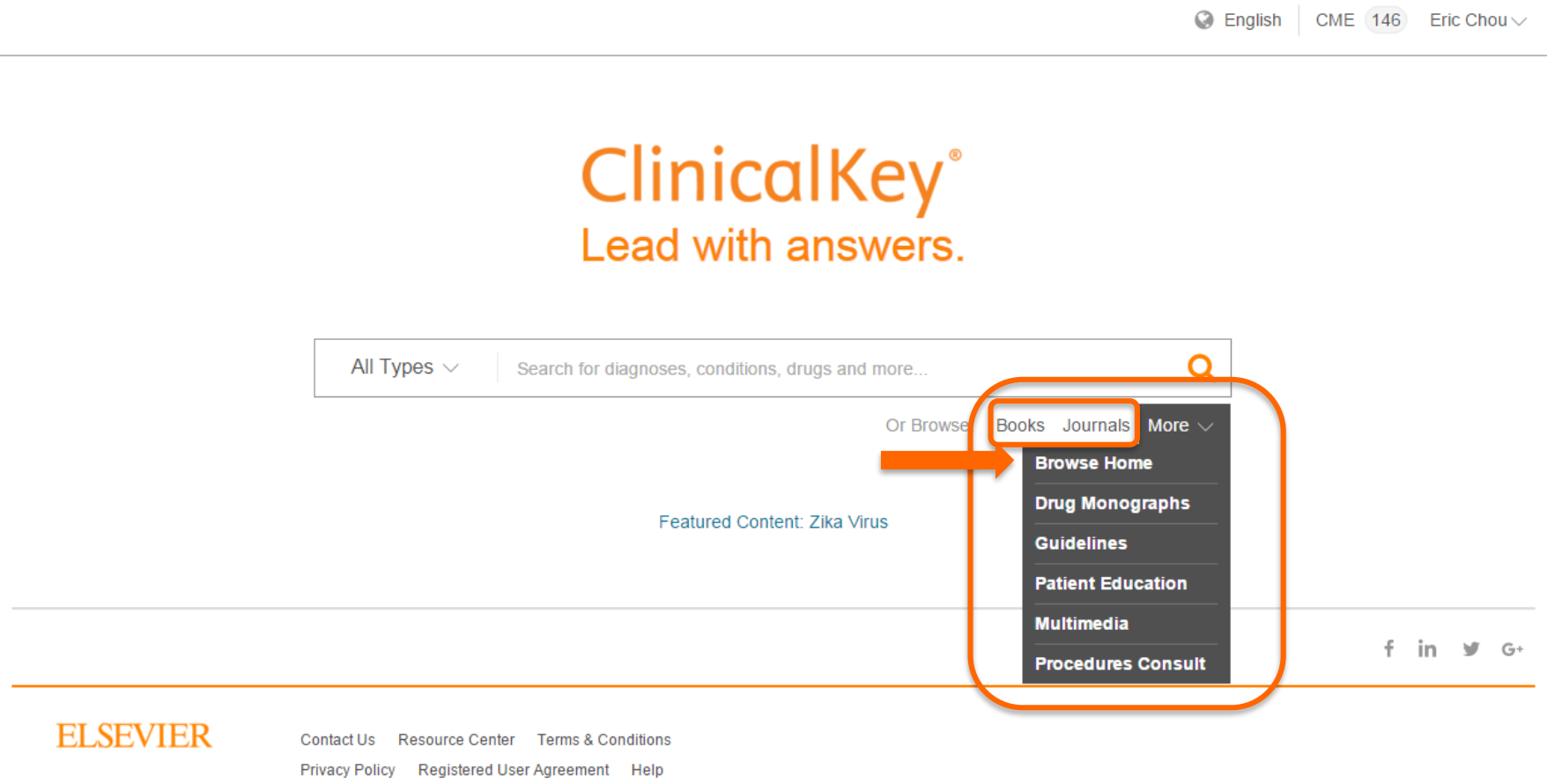
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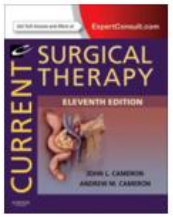
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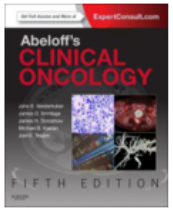
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Preface

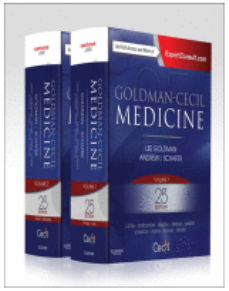
Contributors

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305. Infections Due to Other Members of the Enterobacteriaceae,



Goldman, Lee, MD

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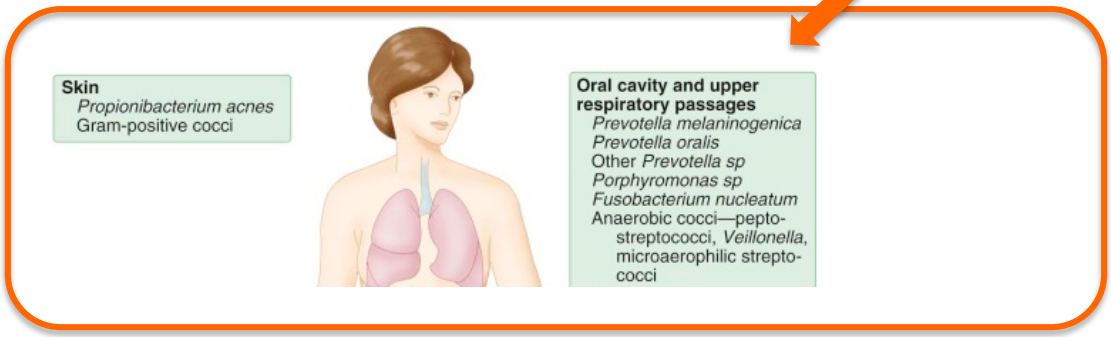
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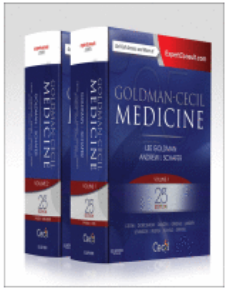
Itzhak Brook

Goldman-Cecil Medicine, 297, 1931-1934.e2

Definition

Anaerobic bacteria are the predominant members of the indigenous, normal human flora, including the skin and the oral, gastrointestinal, and vaginal mucosa (Fig. 297-1 ; Table 297-1). However, the types of predominant anaerobes are different at each location.





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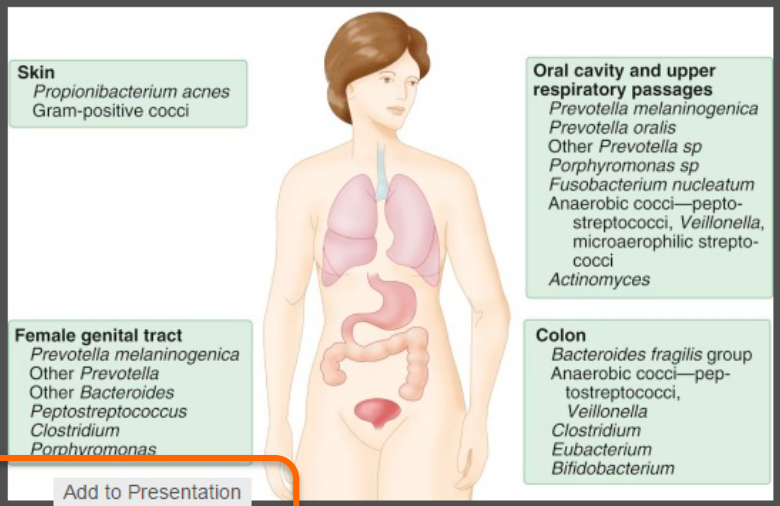
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IMAGE

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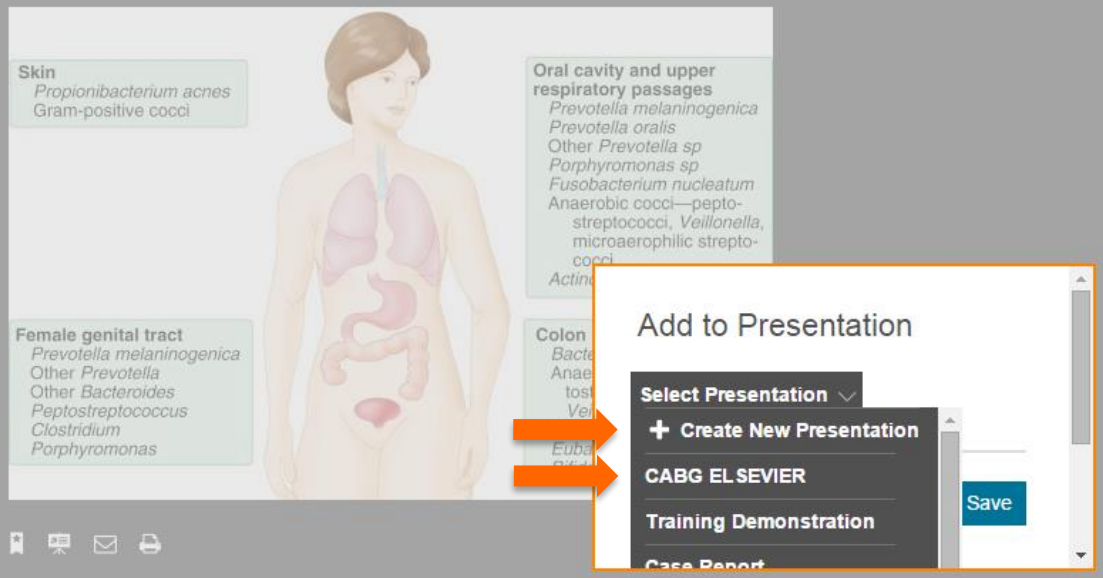
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FIGURE 297-1

Anaerobes as the predominant normal microflora of the human body by general anatomic location.

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IMAGE

Diseases Caused by Non–Spore-Forming Anaerobic Bacteria

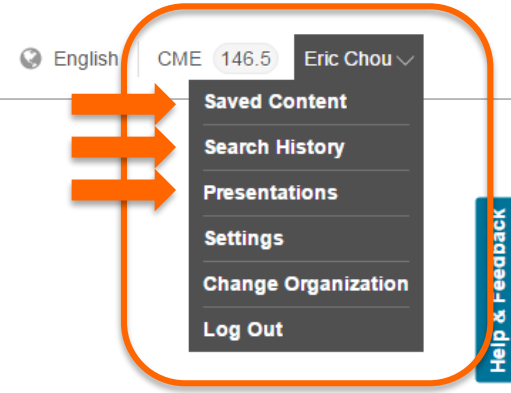
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FIGURE 297-1

Anaerobes as the predominant normal microflora of the human body by general anatomic location.

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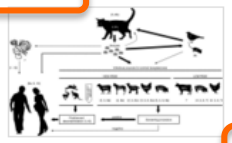
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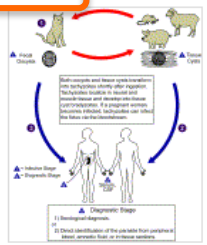
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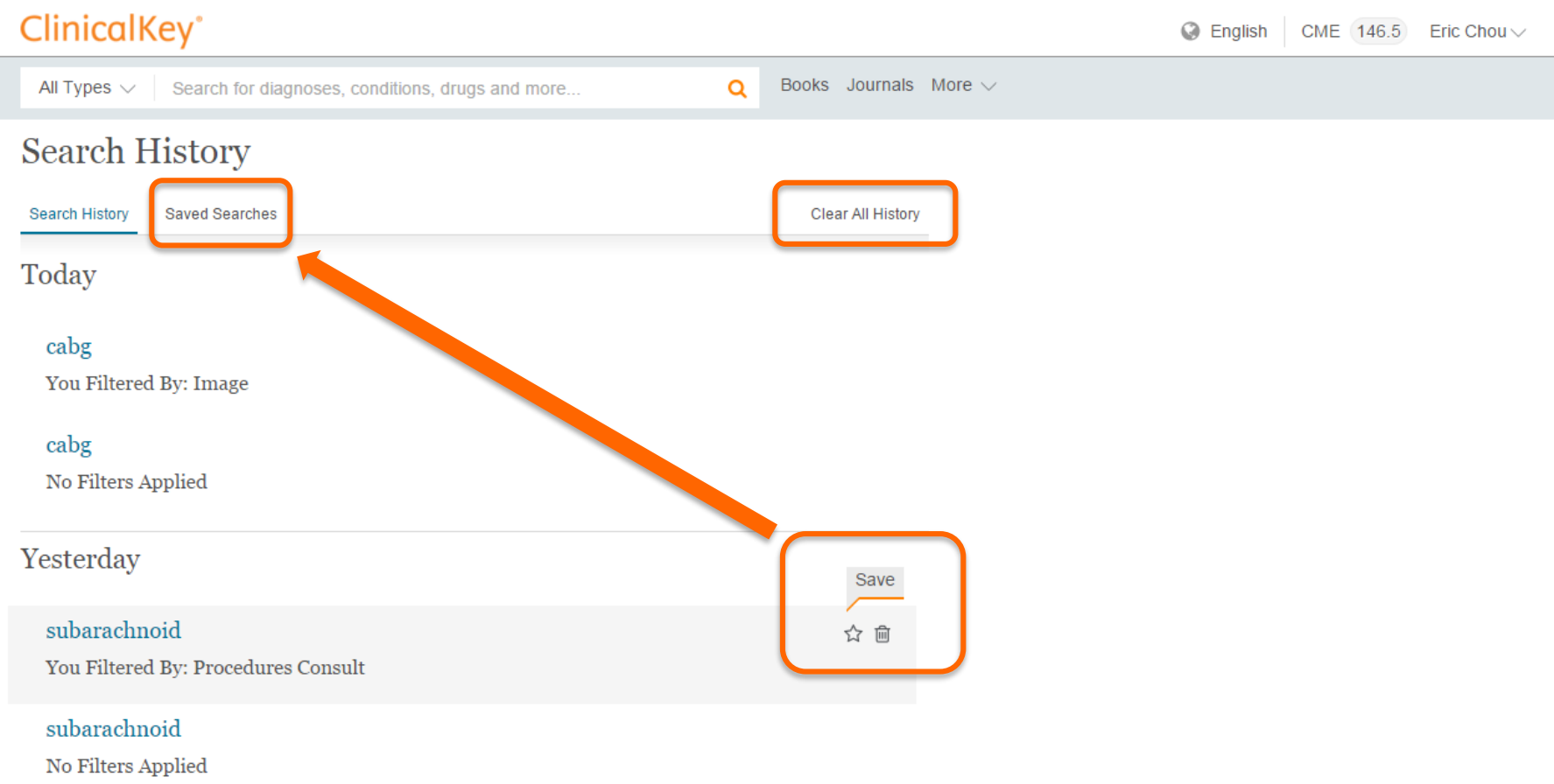
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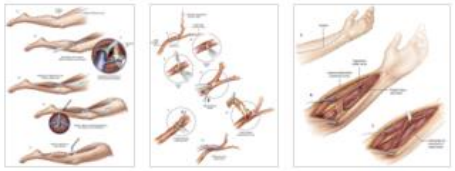
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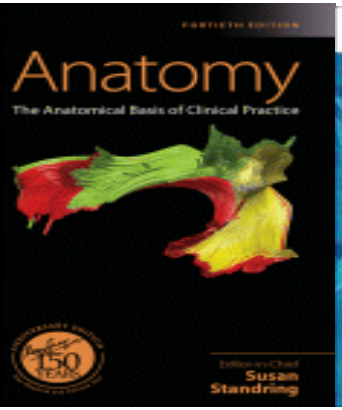
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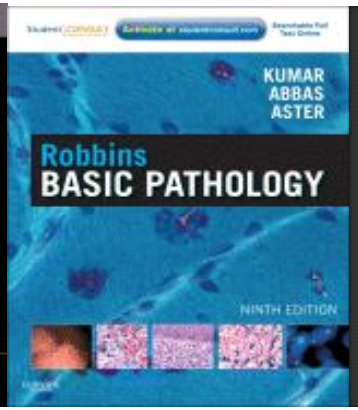
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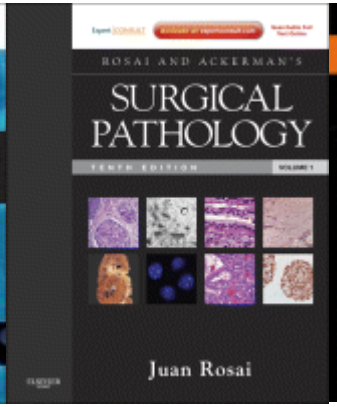
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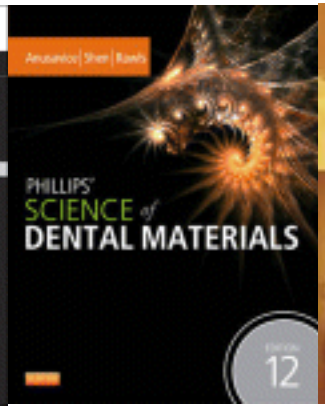
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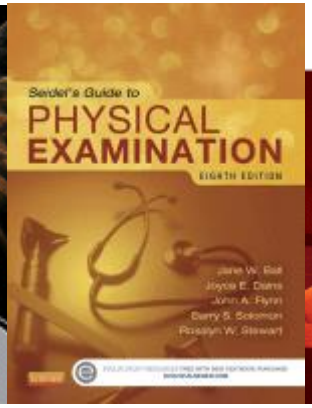
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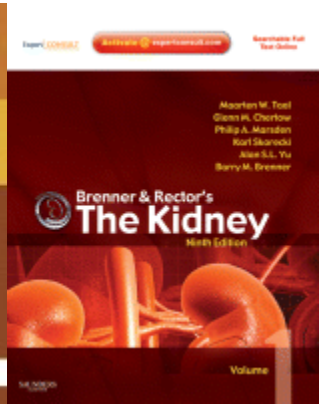
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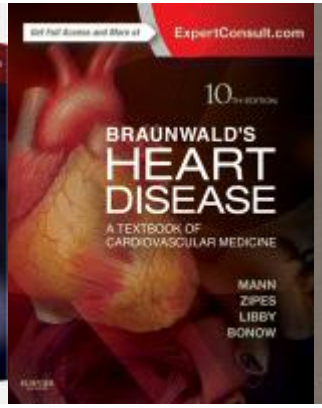
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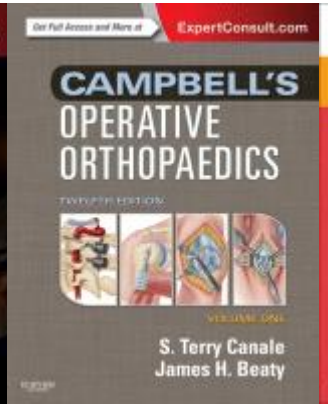
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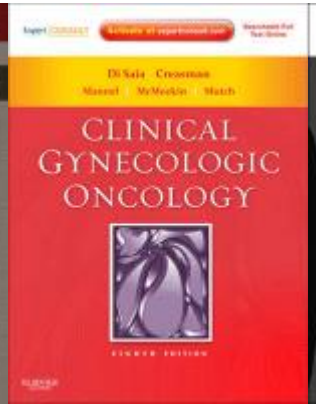
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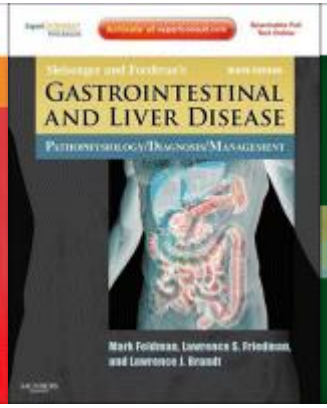
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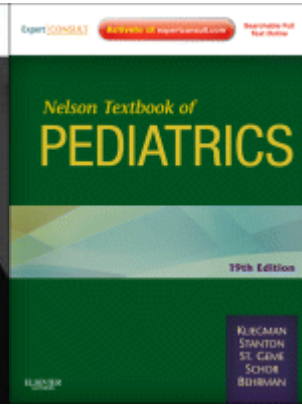
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