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数据库的特色

1、数据库为医护人员最大限度地节省时间

- ▶ ClinicalAccess能够以最快的速度为一线的医护人员提供有针对性的、权威的治疗方案，帮助医生等医护人员以最快的速度、最高的效率，为患者提供更好的治疗和护理。

2、数据库的内容得益于医学界的领袖级专家

- ▶ 麦格劳-希尔教育集团拥有在全球享有盛誉的医学专家组成的编辑、顾问团队，这个团队研发出了ClinicalAccess这个数据库，它可以帮助读者在对患者进行诊断和治疗的过程中进行决策。
- ▶ 这个数据库涉及25个医学分支学科、包含超过12万个问题和相应的解决方案。
- ▶ 在问题的解决方案中包含图像、图表、视频等各种资源类型，以帮助读者更好的理解主题内容。
- ▶ 我们的编辑团队在不断的审视和更新这些内容，以确保我们所提供的信息是最新的、最准确的。

3、数据库链接权威参考信息

- ▶ ClinicalAccess引导一系列在线临床参考资源，如：AccessMedicine、AccessSurgery、AccessPediatrics、AccessEmergency Medicine等，传递给读者准确的、值得信赖的患者治疗和护理方面的信息。
- ▶ 我们提供权威的、经过大量实践检验的、来源于经典医学著作的解决方案，这些经典医学著作例如：
 - Schwartz's Principles of Surgery
 - Tintinalli's Emergency Medicine
 - Principles and Practice of Hospital Medicine
 - Harrison's Principles of Internal Medicine
 - CURRENT Medical Diagnosis & Treatment
- ▶ ClinicalAccess的内容是由专业领域的领袖级专家撰写，所以这个数据库能够有效缩短用于评估患者相关信息的时间，并且快速决定这一信息是否能够通过其它医护人员所采纳和应用。ClinicalAccess提供高效的、不断提高的、专业的检索，以便适应当前所有医护人员的需求。

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1. 共有超过12万个临床问题和解决方案，且在逐步增加。从常见问题到罕见问题，ClinicalAccess为您提供值得信赖的解决方案。
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3. 如需获得相关主题的更多、更深入的知识，可以链接到麦格劳-希尔教育集团的其它医学电子资源，例如：AccessMedicine、AccessSurgery、AccessPharmacy、AccessPediatrics等。
4. 数据库中包含2万多张高质量图片、视频、运算程序，并且这些多媒体资源会自动整合到问题的解决方案中去，以便增强读者对某一主题和解决方案的理解。
5. 系统会自动辨认重点叙述的问题，提供更多阅读资源的快速访问方式。
6. 把相关问题进行分类，快速缩小检索范围。
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例1: appendicitis

The screenshot shows a web browser window with the URL `clinicalaccess.mhmedical.com/searchresults.aspx?q=appendicitis`. The search bar contains the text 'appendicitis' and a 'Search' button. Below the search bar, there is a sidebar on the left with the heading 'Click to Narrow:' and a list of categories: 'All Results', 'Description', 'Diagnosis', 'Elderly', 'Epidemiology', 'Etiology', 'Pediatrics', 'Pregnancy', 'Prognosis', and 'Treatment'. The main content area is titled 'All results for 'appendicitis'' and contains a list of 15 questions, each preceded by a red plus sign in a square. The questions are: 'What is appendicitis?', 'What are treatments for acute appendicitis?', 'How is acute appendicitis diagnosed?', 'What is the prognosis of patients with acute appendicitis?', 'What are complications of appendicitis?', 'What causes appendicitis?', 'What findings on CT are associated with appendicitis?', 'How does gender impact the incidence of appendicitis?', 'How does age impact the incidence of appendicitis?', 'What gastrointestinal symptoms are associated with appendicitis?', 'What hemodynamic changes are associated with appendicitis?', 'What is the gold standard treatment for appendicitis?', and 'What mortality rate is associated with simple, acute appendicitis?'. To the right of the search results, there is a vertical list of red text: '最佳检索方式: 提出一个问题', 'How...?', 'What...?', 'Which...?', 'Where...?', and '等'.

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All results for 'appendicitis'

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- + What are treatments for acute appendicitis?
- + How is acute appendicitis diagnosed?
- + What is the prognosis of patients with acute appendicitis?
- + What are complications of appendicitis?
- + What causes appendicitis?
- + What findings on CT are associated with appendicitis?
- + How does gender impact the incidence of appendicitis?
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最佳检索方式: 提出一个问题
How...?
What...?
Which...?
Where...?
等

What are treatments for acute appendicitis?



Treatment: Acute Appendicitis

If the diagnosis is in question, 4–6 h of observation with serial abdominal exams is always more beneficial than harmful. Antibiotics should not be administered when the diagnosis is in question, since they will only mask the perforation. The treatment of presumed acute appendicitis is early operation and appendectomy as soon as the patient can be prepared. Appendectomy is frequently accomplished laparoscopically and is associated with less postoperative narcotic use and earlier discharge. It is acceptable to have a 15–20% incidence of a normal appendix at the time of appendectomy to avoid perforation. The use of early laparoscopy instead of close clinical observation has not shown a clinical benefit in the management of patients with nonspecific abdominal pain.

A different approach is indicated if a palpable mass is found 3–5 days after the onset of symptoms. This finding usually represents the presence of a phlegmon or abscess, and complications from attempted surgical excision are frequent. Such patients treated with broad-spectrum antibiotics, drainage of abscesses >3 cm, parenteral fluids, and bowel rest usually show resolution of symptoms within 1 week. *Interval appendectomy* can be performed safely 6–12 weeks later. A randomized clinical trial has demonstrated that antibiotics alone can effectively treat acute, nonperforated appendicitis in 86% of male patients. However, antibiotics alone were associated with a higher recurrence rate than when followed by surgical intervention. If the mass enlarges or the patient becomes more toxic, the abscess should be drained. Free perforation is associated with generalized peritonitis and its complications, including subphrenic, pelvic, or other abscesses, and can be avoided by early diagnosis. The mortality rate for nonperforated appendicitis is 0.1%, little more than the risk of general anesthesia; for perforated appendicitis, mortality is 3% (and can reach 15% in the elderly).

[Answer Source »](#)

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Answer Source »

Harrison's Online
Chapter 300. Acute Appendicitis and Peritonitis
William Silen
View at accessmedicine.mhmedical.com

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- + How do postoperative pain rates differ between open and laparoscopic appendectomy?
- + How do wound infection rates differ between open and laparoscopic appendectomy?
- + Which type of appendectomy incision is associated with increased rates of incisional hernias?
- + Where is the incision made for an open appendectomy?
- + Where is the appendectomy incision made in cases of suspected appendiceal abscess?
- + What surgical techniques are indicated for appendectomy during pregnancy?



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Chapter 300. Acute Appendicitis and Peritonitis

William Silen

Acute Appendicitis

Incidence and Epidemiology

With more than 250,000 appendectomies performed annually, appendicitis is the most common abdominal surgical emergency in the United States. The peak incidence of acute appendicitis is in the second and third decades of life; it is relatively rare at the extremes of age. However, perforation is more common in infancy and in the elderly, during which periods mortality rates are highest. Males and females are equally affected, except between puberty and age 25, when males predominate in a 3:2 ratio. The incidence of appendicitis has remained stable in the United States over the last 30 years, while the incidence of appendicitis is much lower in underdeveloped countries, especially parts of Africa, and in lower socioeconomic groups. The mortality rate in the United States decreased eightfold between 1941 and 1970 but has remained at <1 per 100,000 since then.

Pathogenesis

Appendicitis is believed to occur as a result of appendiceal luminal obstruction. Obstruction is most commonly caused by a fecalith, which results from accumulation and

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- + Where is the appendectomy incision made in cases of suspected appendiceal abscess?
- + What surgical techniques are indicated for appendectomy during pregnancy?
- + How does the rate of postoperative intra-abdominal abscess differ between laparoscopic and open appendectomy?
- + How is a laparoscopic appendectomy performed?
- + How is an open appendectomy performed?
- + How is the appendiceal stump surgically ligated?
- + How is the appendix identified during surgery?
- + What antibiotics are indicated for treatment of children with appendicitis?
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operation and appendectomy as soon as the patient can be prepared. Appendectomy is frequently accomplished laparoscopically and is associated with less postoperative narcotic use and earlier discharge. It is acceptable to have a 15–20% incidence of a normal appendix at the time of close clinical observation has not shown a clinical benefit in the

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Answer S

Latest Evidence from McMaster

- Prospective evaluation of a clinical pathway for suspected appendicitis.
- A prospective, randomized controlled trial of single-incision laparoscopic vs conventional 3-port laparoscopic appendectomy for treatment of acute appendicitis.
- Systemic review and meta-analysis of randomized clinical trials comparing primary vs delayed primary skin closure in contaminated and dirty abdominal incisions.
- Laparoscopic surgical box model training for surgical trainees with limited prior laparoscopic experience.
- Early oral feeding versus traditional postoperative care after abdominal emergency surgery: a randomized controlled trial.

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the onset of symptoms. This finding usually represents the presence of are frequent. Such patients treated with broad-spectrum antibiotics, resolution of symptoms within 1 week. *Interval appendectomy* can be ated that antibiotics alone can effectively treat acute, nonperforated ated with a higher recurrence rate than when followed by surgical success should be drained. Free perforation is associated with other abscesses, and can be avoided by early diagnosis. The mortality al anesthesia; for perforated appendicitis, mortality is 3% (and can

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Saucier A, Huang EY, Emeremni CA, et al. **Prospective evaluation of a clinical pathway for suspected appendicitis.** *Pediatrics.* 2014 Jan;133(1):e88-95. doi: 10.1542/peds.2013-2208. Epub 2013 Dec 30. (Original) PMID: 24379237

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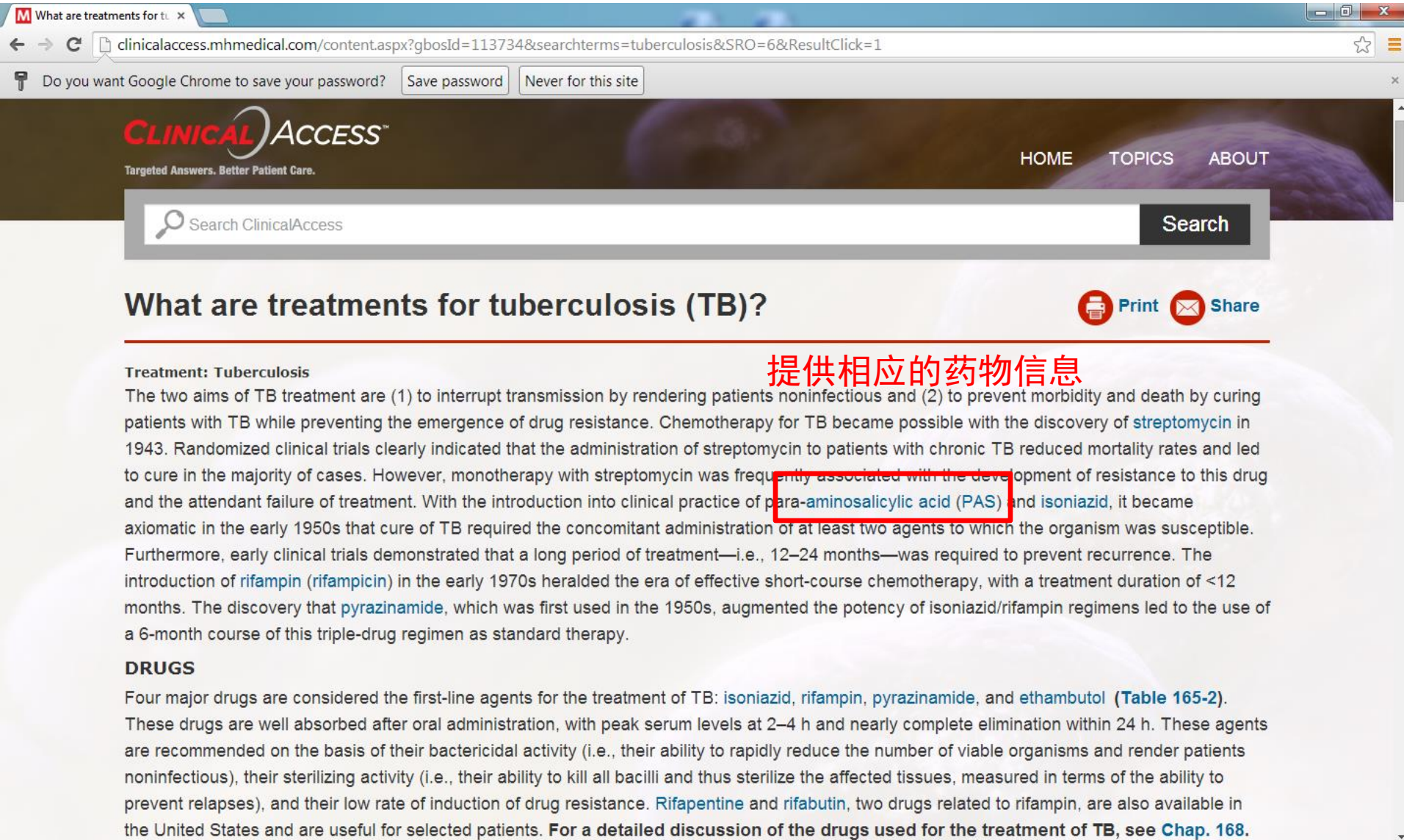
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Abstract

OBJECTIVE: To evaluate the diagnostic accuracy of a clinical pathway for suspected appendicitis combining the Samuel's pediatric appendicitis score (PAS) and selective use of ultrasonography (US) as the primary imaging modality.

METHODS: Prospective, observational cohort study conducted at an urban, academic pediatric emergency department. After initial evaluation, patients were determined to be at low (PAS 1-3), intermediate (PAS 4-7), or high (PAS 8-10) risk for appendicitis.

Example2: tuberculosis(TB)



What are treatments for tuberculosis (TB)?

Treatment: Tuberculosis

The two aims of TB treatment are (1) to interrupt transmission by rendering patients noninfectious and (2) to prevent morbidity and death by curing patients with TB while preventing the emergence of drug resistance. Chemotherapy for TB became possible with the discovery of [streptomycin](#) in 1943. Randomized clinical trials clearly indicated that the administration of streptomycin to patients with chronic TB reduced mortality rates and led to cure in the majority of cases. However, monotherapy with streptomycin was frequently associated with the development of resistance to this drug and the attendant failure of treatment. With the introduction into clinical practice of [para-aminosalicylic acid \(PAS\)](#) and [isoniazid](#), it became axiomatic in the early 1950s that cure of TB required the concomitant administration of at least two agents to which the organism was susceptible. Furthermore, early clinical trials demonstrated that a long period of treatment—i.e., 12–24 months—was required to prevent recurrence. The introduction of [rifampin \(rifampicin\)](#) in the early 1970s heralded the era of effective short-course chemotherapy, with a treatment duration of <12 months. The discovery that [pyrazinamide](#), which was first used in the 1950s, augmented the potency of isoniazid/rifampin regimens led to the use of a 6-month course of this triple-drug regimen as standard therapy.

DRUGS

Four major drugs are considered the first-line agents for the treatment of TB: [isoniazid](#), [rifampin](#), [pyrazinamide](#), and [ethambutol \(Table 165-2\)](#). These drugs are well absorbed after oral administration, with peak serum levels at 2–4 h and nearly complete elimination within 24 h. These agents are recommended on the basis of their bactericidal activity (i.e., their ability to rapidly reduce the number of viable organisms and render patients noninfectious), their sterilizing activity (i.e., their ability to kill all bacilli and thus sterilize the affected tissues, measured in terms of the ability to prevent relapses), and their low rate of induction of drug resistance. [Rifapentine](#) and [rifabutin](#), two drugs related to rifampin, are also available in the United States and are useful for selected patients. For a detailed discussion of the drugs used for the treatment of TB, see [Chap. 168](#).

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Aminosalicylic Acid

DrugPoints® from Truven Health Analytics

General

Generic Name

- Aminosalicylic Acid

US Trade Names

- Paser

Class

- Antitubercular

Reg Status

- RX

Generic Availability

- No

Last Modified

- August, 2012

Dosing & Indications

Adult Dosing

- Crohn's disease, Remission maintenance: 500 mg ORALLY 3 times daily
- Tuberculosis: 4 grams ORALLY 3 times daily

Pediatric Dosing

Medical consultation on difficult-to-manage cases is provided by the CDC Regional Training and Medical Consultation Centers (www.cdc.gov/tb/education/rtmc/).

[Answer Source »](#)

提供各种图、表等多媒体信息

	Table 165-2 Recommended Dosage for Initial Treatment of Tuberculosis in Adults		Table 165-3 Recommended Antituberculosis Treatment Regimens		Figure 165-9 Percentage of new tuberculosis cases with multidrug resistance in all countries surveyed by the WHO/Union G...
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- + What are treatments for pulmonary infections caused by *Mycobacterium abscessus*?
- + What is the utility of hospitalization in pediatric patients with acute pulmonary exacerbations of cystic fibrosis (CF)?
- + What are indications for hospital admission for patients with acute pulmonary exacerbations of cystic fibrosis (CF)?
- + What are indications of IV antibiotic therapy in patients with acute pulmonary exacerbations of cystic fibrosis (CF)?
- + How is whole lung bronchoalveolar lavage (BAL) performed in patients with pulmonary alveolar proteinosis (PAP)?
- + What pulmonary vascular complications are associated with lung transplantation?
- + When should suction be used for lung reexpansion following pulmonary surgery?

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