

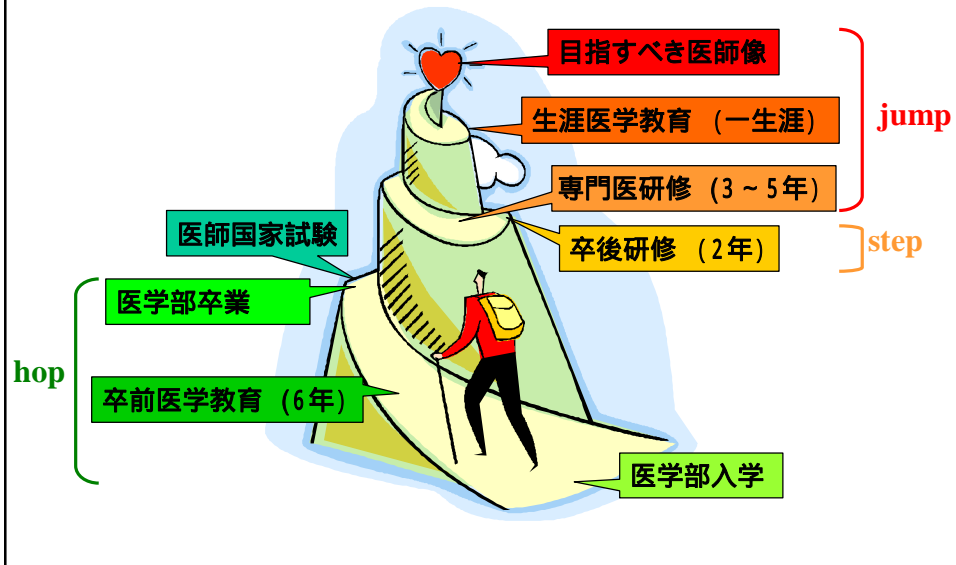
生涯教育と医学情報

千葉大学医学部附属病院
総合医療教育研修センター
(Health Professional Development Center, HPDC)
センター長 田辺政裕

生涯教育と医学情報

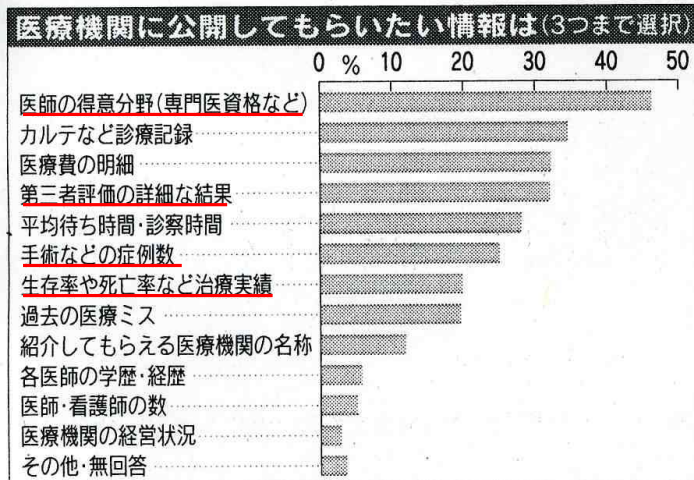
1. 医師の生涯教育の必要性
2. 生涯医学教育の現状
3. 求められる医学情報
4. まとめ

医師育成のプロセス

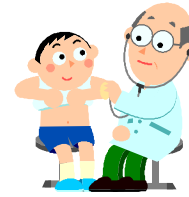


医師に求められる専門性

日経 2005.7



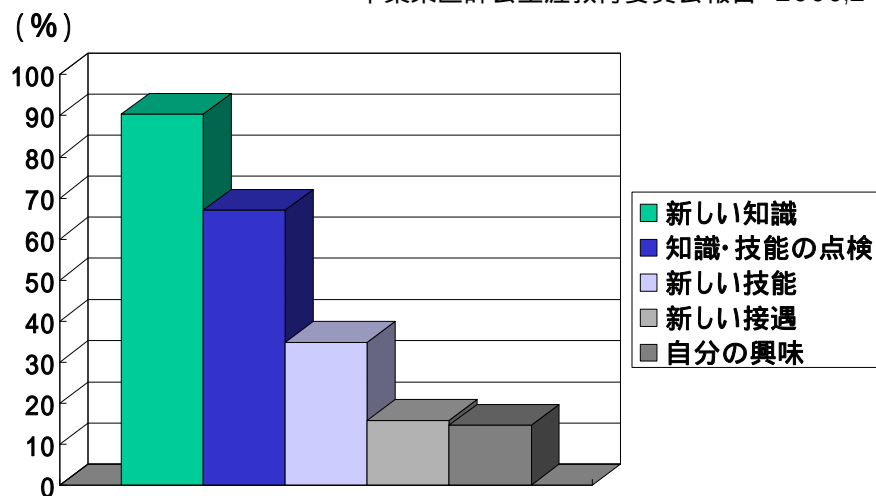
医師に求められる生涯教育



1. CME(continuing medical education) → CPD(continuing professional development)
2. Self-directed learning
(学習ニーズ、モチベーション、選択、振り返り、変容)
3. Knowledge → Knowledge, Skill, Attitude

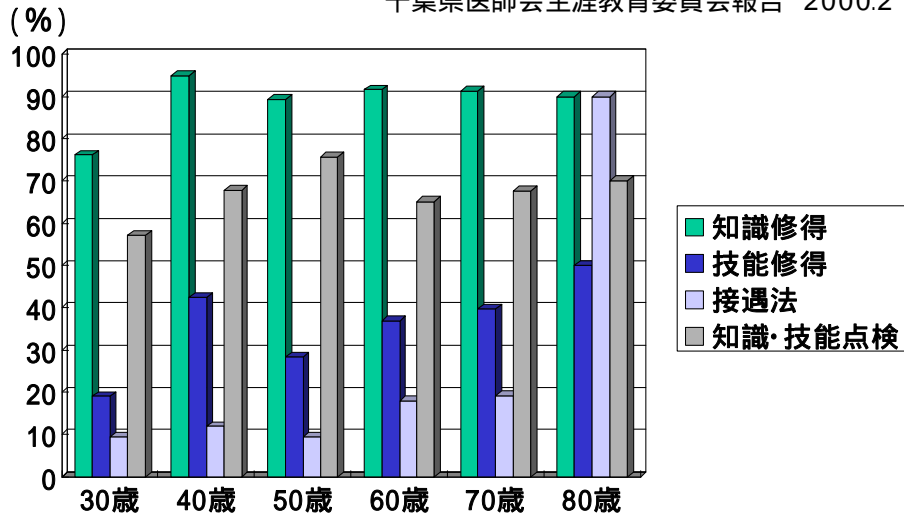
生涯教育の目的

千葉県医師会生涯教育委員会報告 2000,2



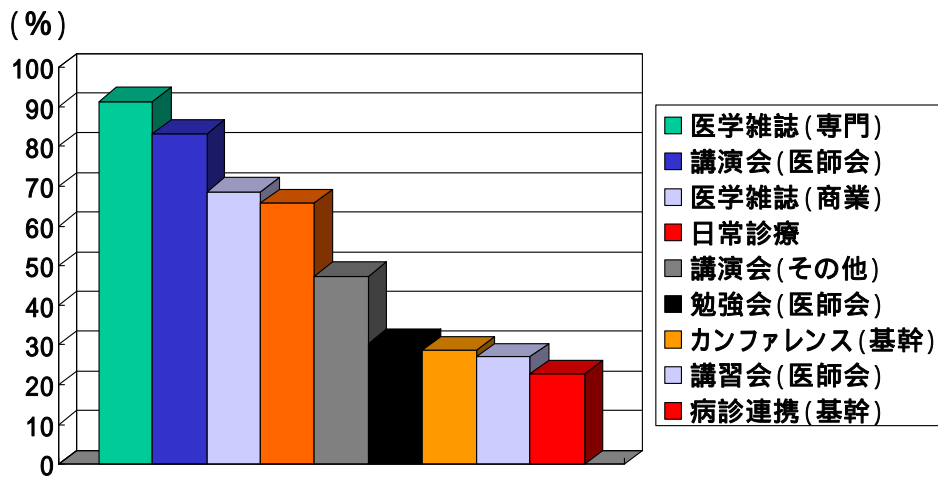
生涯教育の目的(年齢による推移)

千葉県医師会生涯教育委員会報告 2000.2



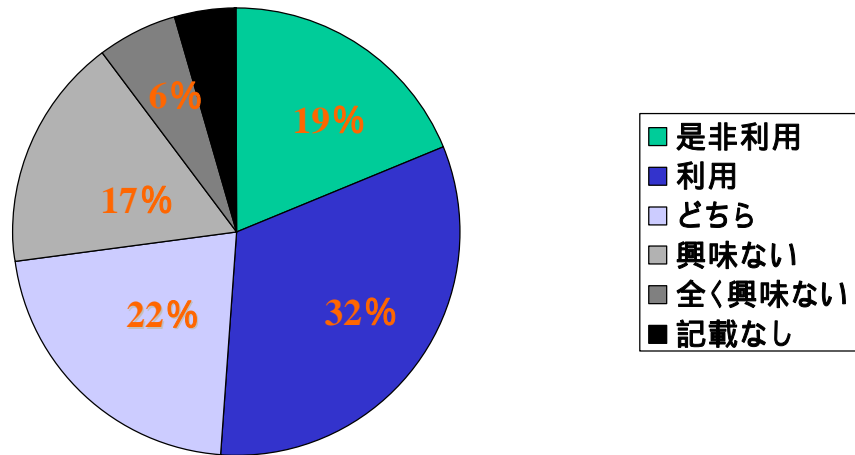
生涯教育の手段

千葉県医師会生涯教育委員会報告 2000.2



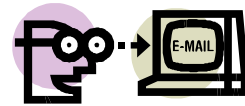
ITを利用した生涯教育

千葉県医師会生涯教育委員会報告 2000,2



医師が必要とする医学知識・情報

1. Clinical problem solving
2. Up - to - date
3. EBM(Evidence - based medicine)



必要な医学情報を得るためのリソース

1. 教科書(textbook)
2. 医学雑誌(medical journal)
3. 文献データベース(bibliographic database)
(医学中央雑誌、MEDLINE、E M B A S Eなど)
4. 二次出版物(secondary publication)
(Evidence-based physical diagnosis, Best Evidence, UpToDate, E-medicineなど)

Evidence-based physical diagnosis

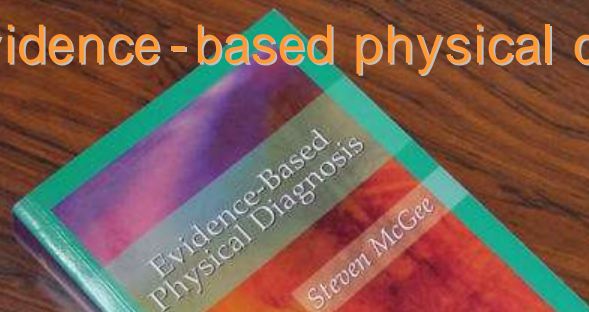


TABLE 46-1 Acute abdominal pain, signs detecting peritonitis*

FINDING (REF)†	SENSITIVITY (%)	SPECIFICITY (%)	POSITIVE LR	NEGATIVE LR
Abdominal Examination				
Guarding ^{2,26-32}	13-69	56-97	2.6	0.6
Rigidity ^{2,30-32}	6-31	96-100	5.1	NS
Rebound tenderness ^{2,26-36}	40-95	20-89	2.1	0.5
Abnormal bowel sounds ^{2,32}	25-61	44-95	NS	0.8
Rectal Examination				
Rectal tenderness ^{7,5,29,30,32-34}	20-53	41-96	NS	NS
Other Tests				
Positive abdominal wall tenderness test ^{16,37}	1-5	32-72	0.1	NS
Positive cough test ^{14,26}	77-82	50-79	2.4	0.3

NS, Not significant.

*Diagnostic standard: For peritonitis, surgical exploration and follow-up of patients not operated on; causes of peritonitis included appendicitis (most common), cholecystitis, and perforated ulcer. One study also included patients with pancreatitis.³²

†Definition of findings: For abnormal bowel sounds, absent, diminished, or hyperactive; for abdominal wall tenderness test, see text; for positive cough test, the patient is asked to cough, and during the cough shows signs of pain or clearly reduces the intensity of the cough to avoid pain.²⁶

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- 専門分野の医師3,000名が16万件以上の文献情報から7,000件のトピックをレビューして執筆
- 年3回更新して内容の1/3が最新情報に更新される

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Enter search term

appendicitis

"**appendicitis**" matches 3 search terms

- [Appendicitis epiploica \(Epiploic appendagitis\)](#)
- [Appendicitis, Acute](#)
- [Appendicitis, Chronic](#)

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- [Appendicitis in adults](#)

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- [Approach to the patient with elevated serum amylase or lipase](#)
- [Ascariasis](#)
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Appendicitis in adults

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- *LABORATORY TESTS
- *RADIOGRAPHIC TESTS
 - Standard CT scan
 - Appendiceal CT scan
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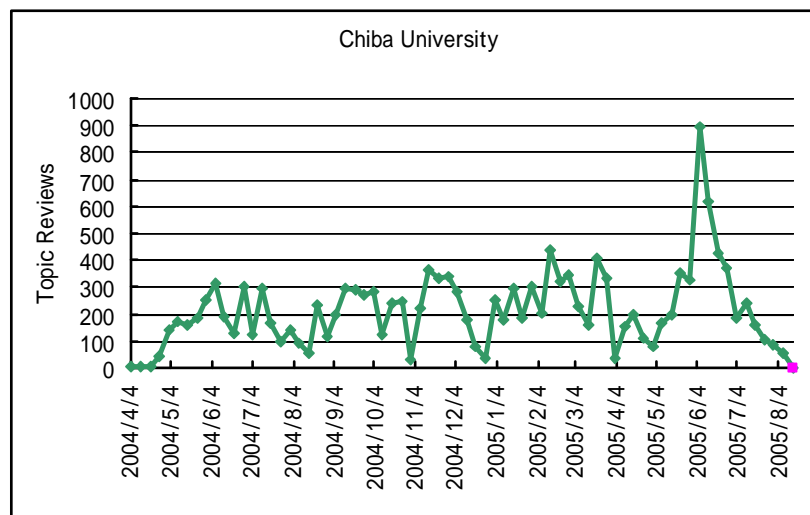
Appendicitis in adults

Joel Goldberg, MD, USAF, MC
Richard A Hodin, MD

UpToDate performs a continuous review of over 330 journals and other resources. Updates are added as important new information is published. The literature review for version 13.2 is current through April 2005; this topic was last changed on November 6, 2004. The next version of UpToDate (13.3) will be released in October 2005.

INTRODUCTION — Since Reginald Fitz first described acute appendicitis in 1896, it has been

千葉大学病院におけるUpToDateの利用頻度



まとめ



- 医師の生涯教育へのニーズは高まっている
- エビデンスに裏付けられた有用性・信頼性の高い情報が求められている
- ITなどを利用し、レビューされたアクセスしやすい情報の発信が求められている