



# UpToDate<sup>®</sup> for medical universities — Empower future clinicians

Equip your students with the latest evidence and how to apply it in clinical situations

*Medical students of today will graduate into an increasingly complex medical landscape — one that's more demanding than ever before. Part of the challenge rests with how medicine will continue to be practiced due to the rapid expansion of medical knowledge.*

In the mid 20th century, medical knowledge was on pace to double every 50 years. A generation ago, it had accelerated to every seven years, and by 2010, every five years. Now, research suggests it's doubling every few months.<sup>1</sup>

This expansion of medical knowledge will significantly challenge today and tomorrow's medical students, who will mature into clinicians that will use this information at the point of care.

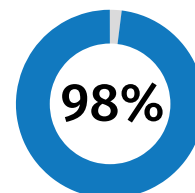
Evidence-based clinical decision support resources will play an increasingly vital role in future clinical practice. Clinicians will make diagnosis and treatment decisions with the aid of resources that synthesize a vast amount of evidence and help them apply their clinical judgement to arrive at the most appropriate care decisions.

## Our editorial rigor facilitates comprehensive learning

More than 2 million healthcare professionals around the world trust UpToDate to support them as they make patient care decisions. In fact, UpToDate is accessed more than 1,200 times every minute.

As the only clinical decision support solution of its kind proven to be associated with improved outcomes, such as fewer diagnostic errors, lower mortality rates, shorter lengths of hospital stay, and improved quality,<sup>2</sup> UpToDate provides trusted, authoritative clinical decision support that medical students can use as they prepare to make diagnosis and treatment decisions upon entering practice and throughout their career.

More than 7,400 clinicians from 50 countries, all of whom are leading experts in their fields, serve as UpToDate authors and editors. Our multidisciplinary editorial team evaluates the latest evidence presented from more than 420 peer-reviewed journals, online medical resources, and guidelines published by major international societies and continuously updates the content.



of trainee subscribers, including medical students, say they would recommend UpToDate to a colleague.<sup>3</sup>

*"I very much enjoy showing students that they have access to UpToDate as they very rapidly realize how useful this resource is to their professional development and their studying for exams."*

**Dr. Steve Jackson, Chief Medical Information Officer and Consultant in Diabetes and Endocrinology, University Hospitals of Leicester NHS Trust**



## Prepare your medical students for clinical practice with trusted, actionable clinical decision support

- Students can review synthesized evidence while still having access to references and citations to the source evidence.
- Instructors can present information in UpToDate to students and quickly and conveniently export graphics to PowerPoint presentations.

UpToDate provides both practicing clinicians and students with trusted, authoritative clinical decision support. And, with search in your own language, non-native English speakers can better align search results with queries and reduce the time spent considering translations from English.

- Comprehensive coverage of 25 specialties and over 12,300 topics
- Continuously updated by over 7,400 clinician authors, editors, and peer reviewers
- More than 9,700 graded evidence-based recommendations
- More than 9,600 drug topics
- More than 37,000 graphics, presented in easy-to-search thumbnail format
- Fully referenced topics with more than 530,600 Medline abstracts
- Available for use on mobile, tablet, and desktop

*"I use UpToDate every day. Not only for teaching purposes, but also to enhance patient diagnoses and treatments, especially with complicated cases."*

**Tomohiro Koga, MD, Associate Professor,  
Medical Education Development Center,  
Nagasaki University Hospital,  
Nagasaki Japan**

UpToDate is used in more than **44,900 organizations** worldwide and is helping over **2 million clinicians** in multiple care settings across the world deliver the right care, in the right place, at the right time.

In a study of third-year medical students, most used UpToDate to prepare for attending rounds and to admit patients (64 and 67%, respectively).<sup>4</sup>

<sup>1</sup> Peter Densen, MD, "Challenges and Opportunities Facing Medical Education," Transactions of the American Clinical Climatological Assoc. 2011; 122: 48-58. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3116346/>

<sup>2</sup> Thomas Isaac, MD, et al. "Use of UpToDate and outcomes in US hospitals," Journal of Hospital Medicine, 2012 February; 7(2):85-90. <https://www.journalofhospitalmedicine.com/jhospmed/article/128158/and-outcomes>

<sup>3</sup> UpToDate Individual Subscriber Survey, October 2020, N=14,137

<sup>4</sup> Amada Cooper, "Research utilization patterns of third-year medical students," The Clinical Teacher, 2011 March; 8(1):43-7. <https://pubmed.ncbi.nlm.nih.gov/21324072/>