

UpToDate

What is UpToDate?

UpToDate is an electronic evidence-based clinical decision support tool written by physicians to help clinicians:

- ✓ Answer clinical questions
- ✓ Update clinical knowledge
- ✓ Improve patient care

Quick Facts about UpToDate

- Founded by Dr. Burton Rose, leading nephrologists
- Established in 1992
- Since 2008 part of Wolters Kluwer Health
- Only focusing on UpToDate, no traditional publishing company
- Strong editorial values: no commercial bias
- Internal editorial staff (practicing MD's)
- External network of world-renowned authors

Quick Facts about UpToDate

- ✓ 4,800+ world-renowned authors, editors and peer reviewers.
- ✓ 97,000+ pages text, graphics and abstracts are included in UpToDate.
- ✓ 9,000+ clinical topics in 19 specialties (not including drug information).
- ✓ 700+ Patient information topics included written specifically for patients.
- ✓ Drug database and drug interactions database (in partnership with Lexi-Comp®)
- ✓ Medline abstracts provide access to over 328,000 references with optional link to full text
- ✓ 125 medical calculators, eliminating the need to remember formulas or use separate devices
- ✓ Email tool allows you to send topics to your colleagues or patients.
- ✓ Feedback button allows you to submit questions and comments to our editors.
- ✓ 450,000+ users worldwide
- ✓ Present in 149 countries
- ✓ Clinicians read over **120 million** UpToDate topics last year (2010)

UpToDate – Depth and Breadth

UpToDate offers comprehensive information in the following specialties, which are all included with every subscription:

- Adult and Pediatric Emergency Medicine
- Adult Primary Care and Internal Medicine
- Allergy and Immunology
- Cardiovascular Medicine
- Endocrinology and Diabetes
- Family Medicine
- Gastroenterology and Hepatology
- Geriatrics
- Hematology
- Hospital Medicine
- Infectious Diseases
- Nephrology and Hypertension
- Neurology
- Obstetrics, Gynecology and Women's Health
- Oncology
- Pediatrics
- Pulmonary, Critical Care and Sleep Medicine
- Rheumatology
- General Surgery (**NEW**)

And:

- covering several other specialties (e.g. pathology, anesthesia)
- drug database
- drug - interaction
- information for nurses and other medical staff
- patient information (basic & advance)

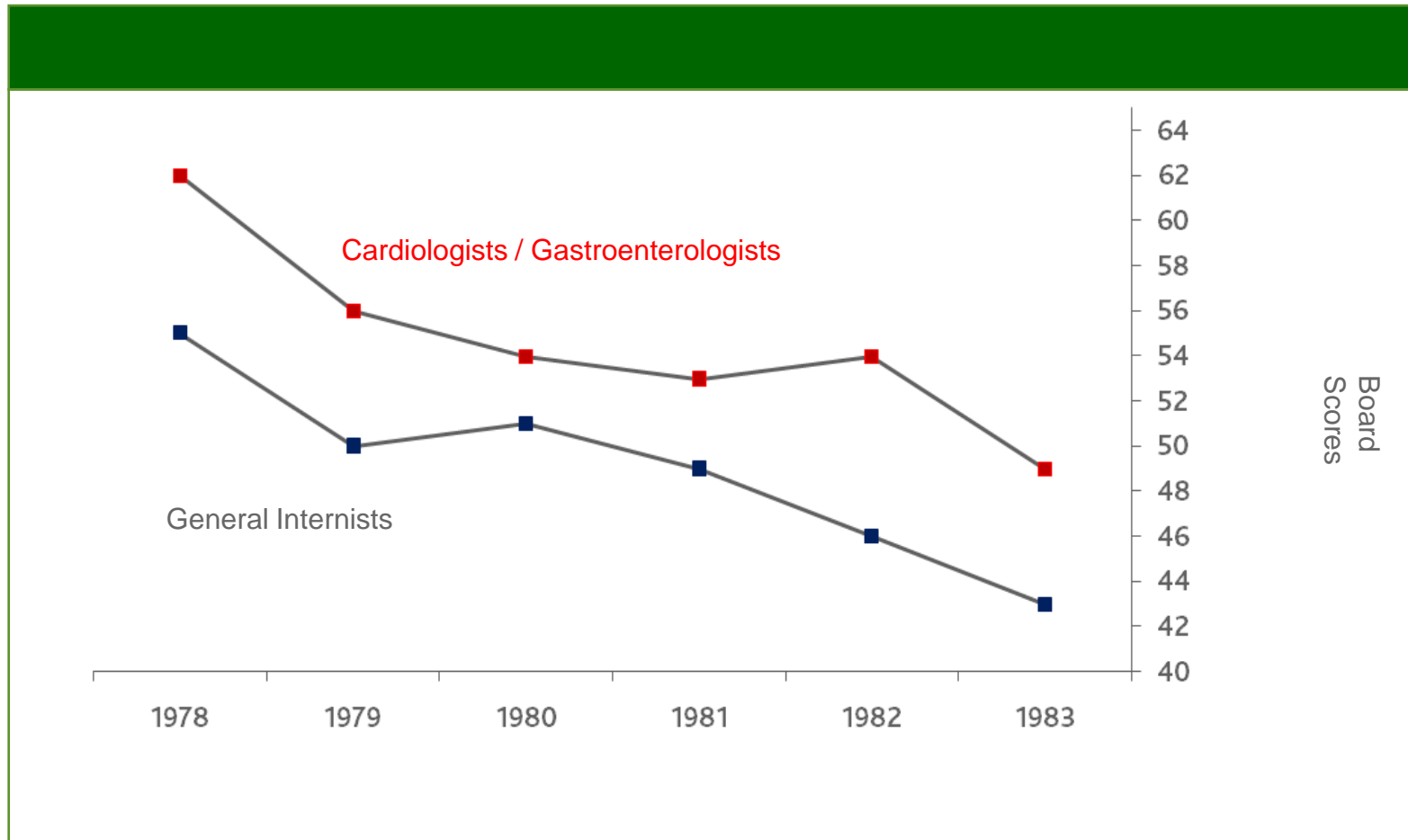
Specialties in development:

- Psychiatry
- Dermatology

And even more important!

- Doctors do not have enough time to search for all answers
- Doctors are overloaded by the huge volume of (new) information (every day 800 - 1000 new publications in Medline)

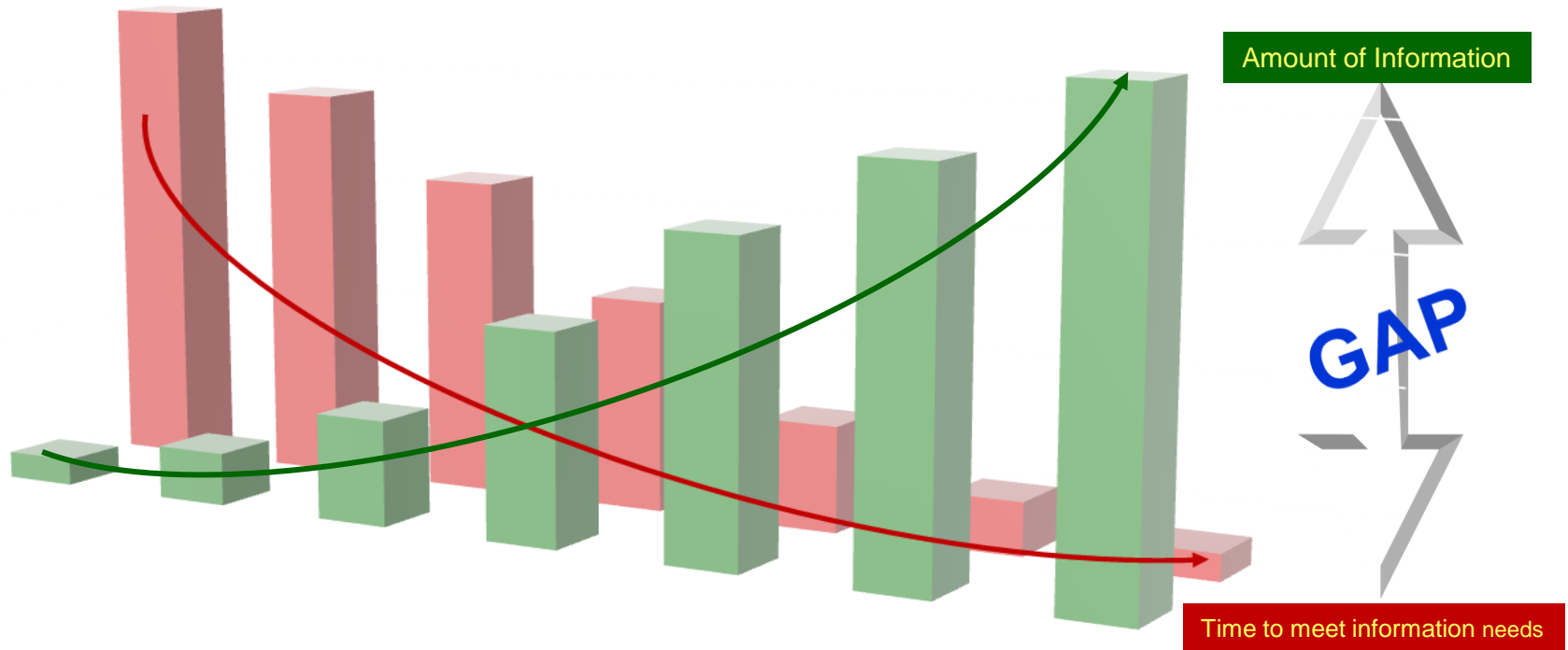
The knowledge base of practicing physicians deteriorates over time



Ramsey P.G., Carline J.D., Inui T.S., Larson E.B., LoGerfo J.P., Norcini J.J., Wenrich M.D., "Changes over time in the knowledge base of practicing internists", JAMA 266-8 (1991) 1103:1107

Doctors' Challenge

Too much information and not enough time

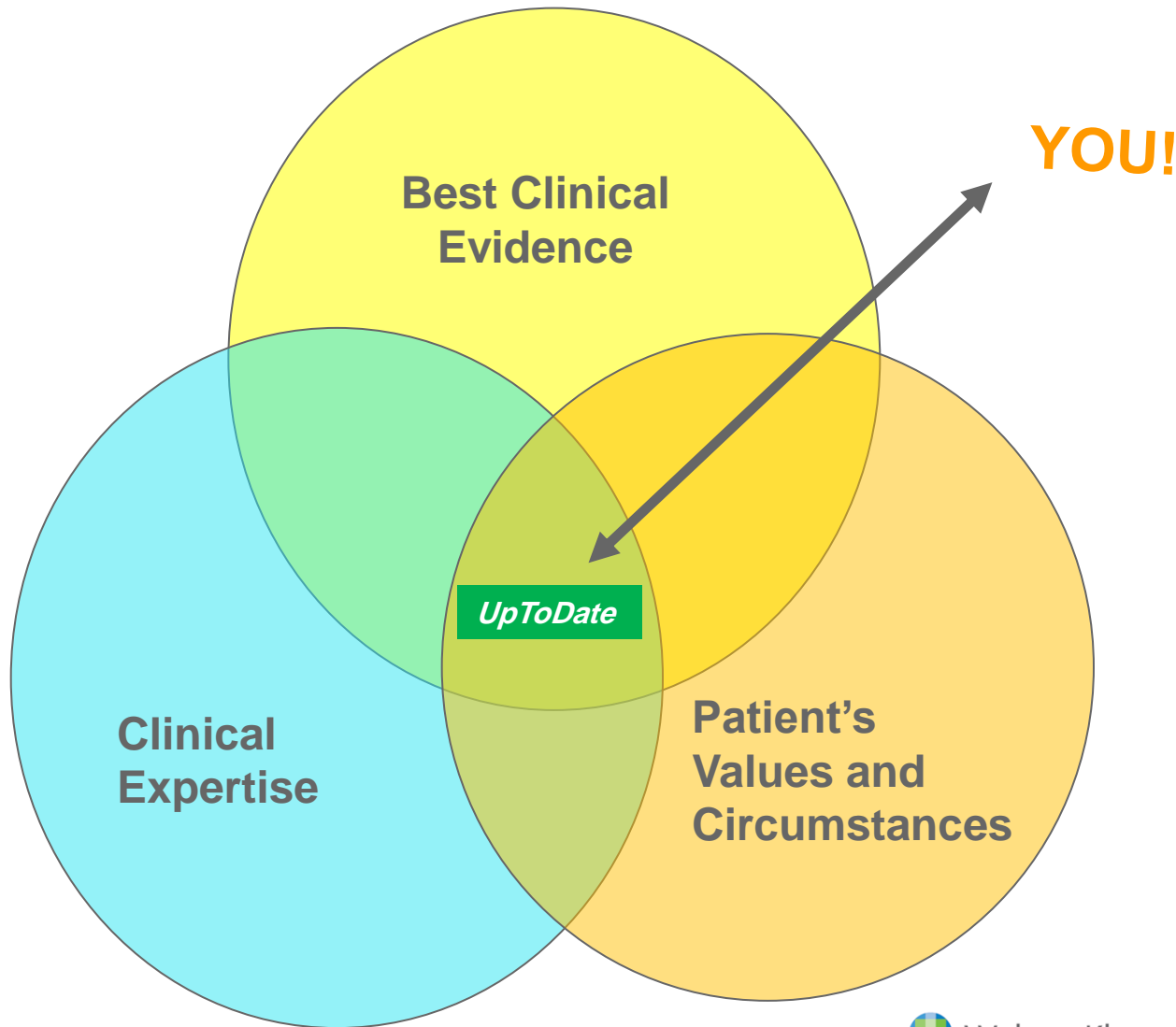


Doctors' Statement

We do not need more information, but the right information, directly on the spot that is:

- objective / unbiased
- Valid
- evidence based
- graded recommendations

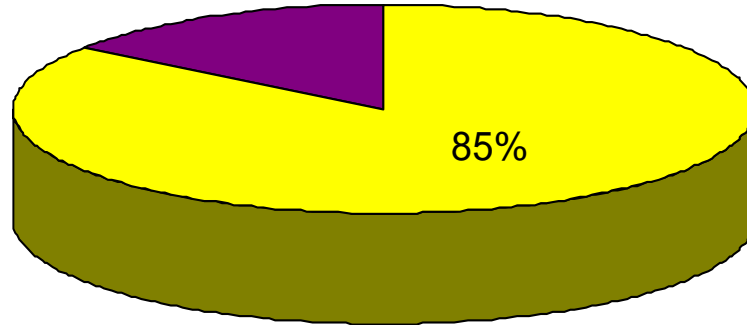
Good Clinical Practice



Several Independent studies show that UpToDate ...

- is used more than other resources
- is efficient (saves time for clinicians)
- has impact on patient care (better decisions)
- improves doctor's performance
- brings savings for hospitals (Solucient study):
 - hospital length of stay
 - decreased complication rates
 - reduce adverse events
 - less referrals
 - save money (ROI)

Users rely on UpToDate



85% German Doctors agree that *UpToDate* is integral to their practice.

UK Study 2008

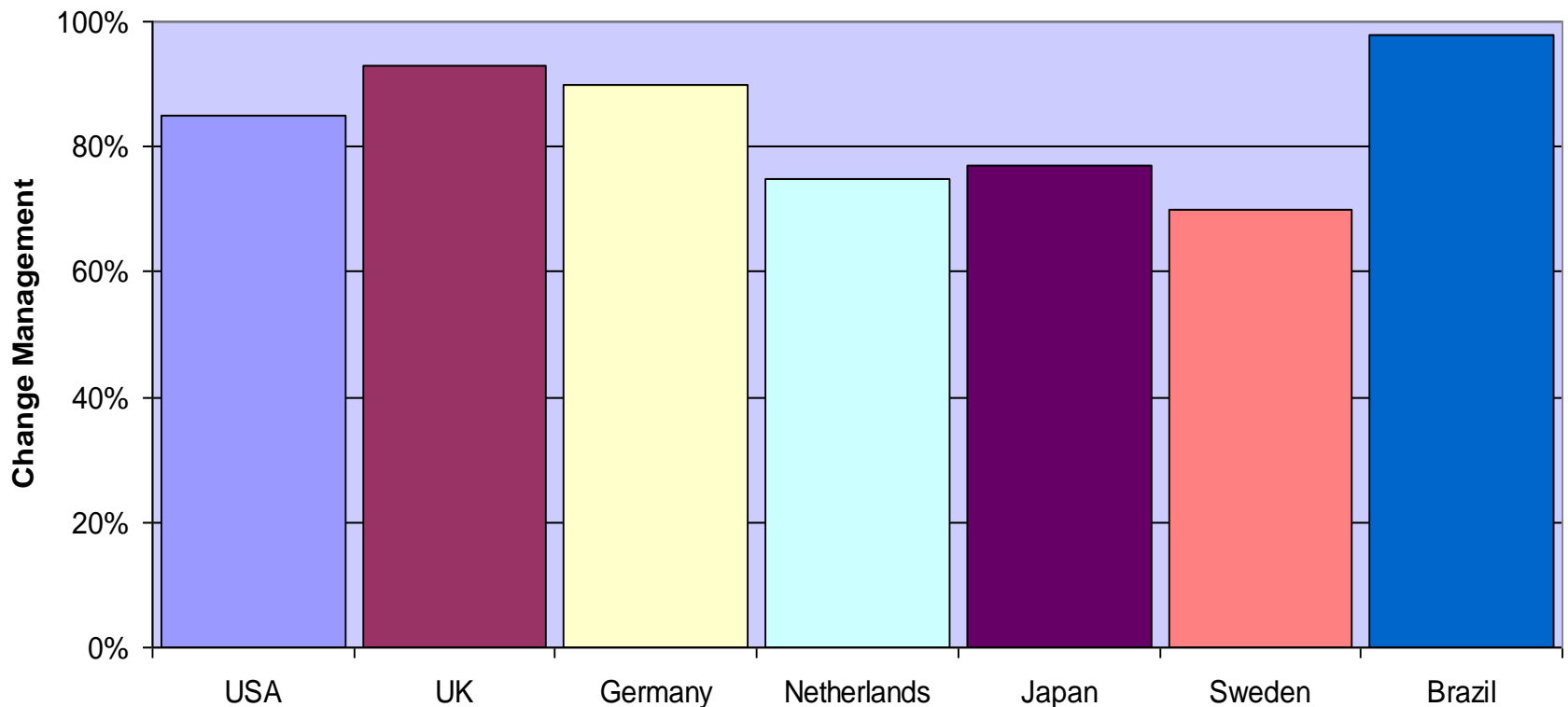
UK doctors report high levels of satisfaction with UpToDate¹



Impact across the world

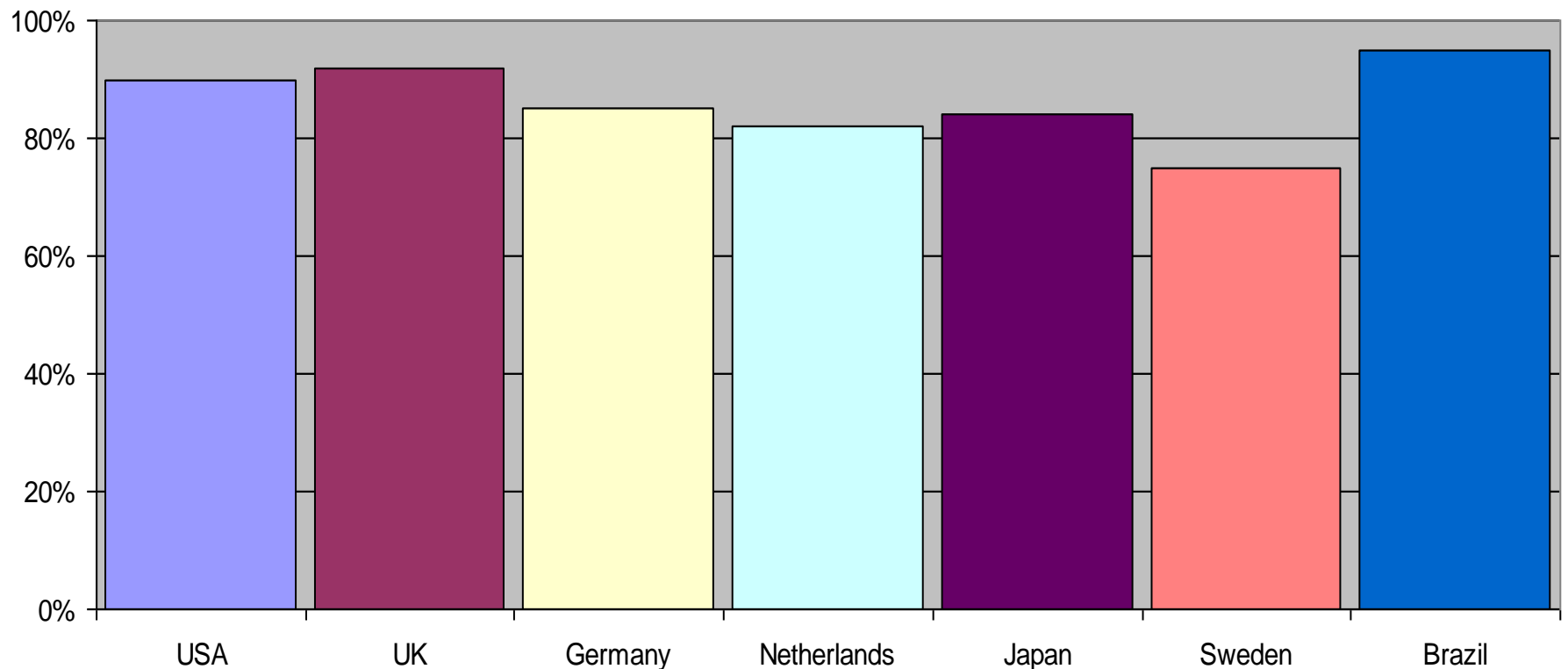
Influence of UpToDate in Major Medical Centers

% reporting sometimes or even leads to change of management

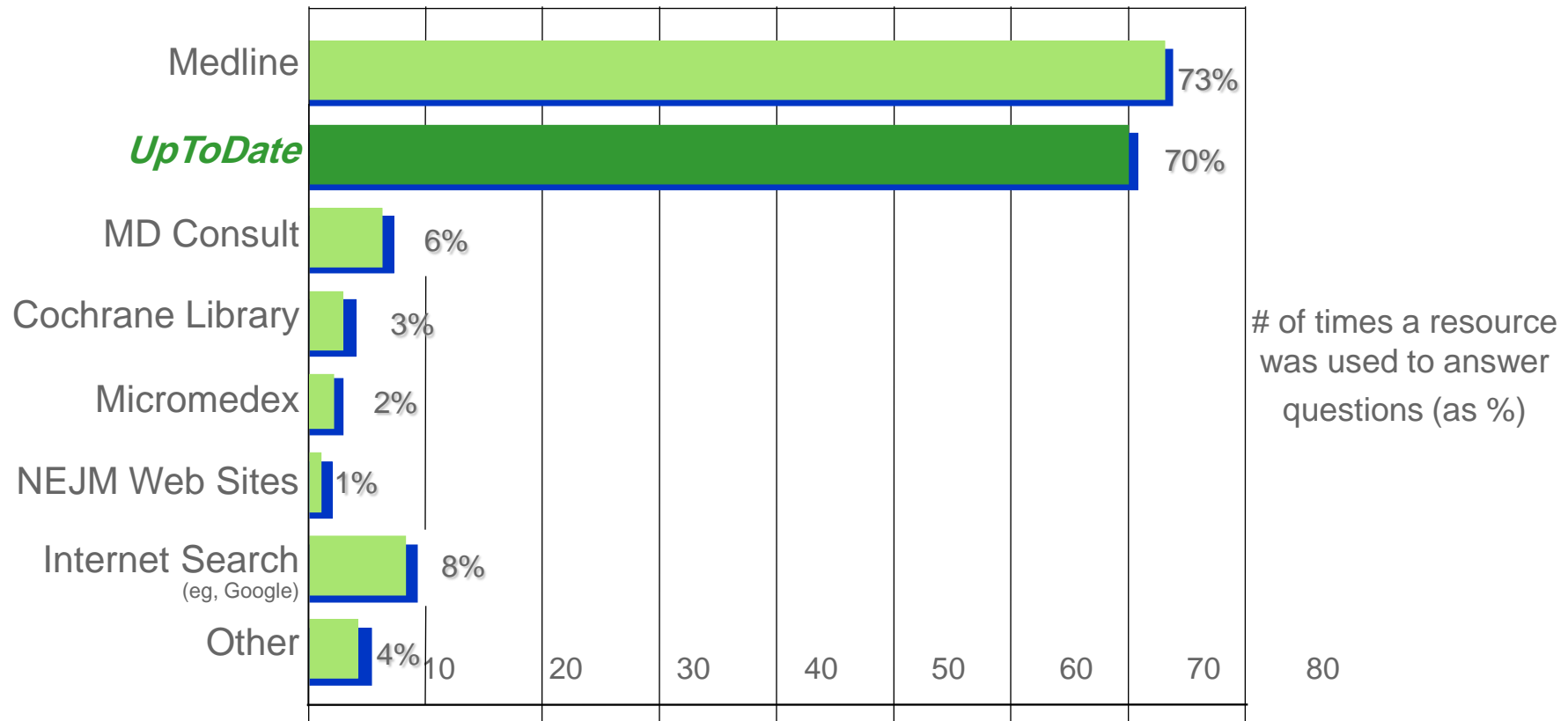


UpToDate saves time

Proportion reporting that UpToDate save time or faster than other means of obtaining information

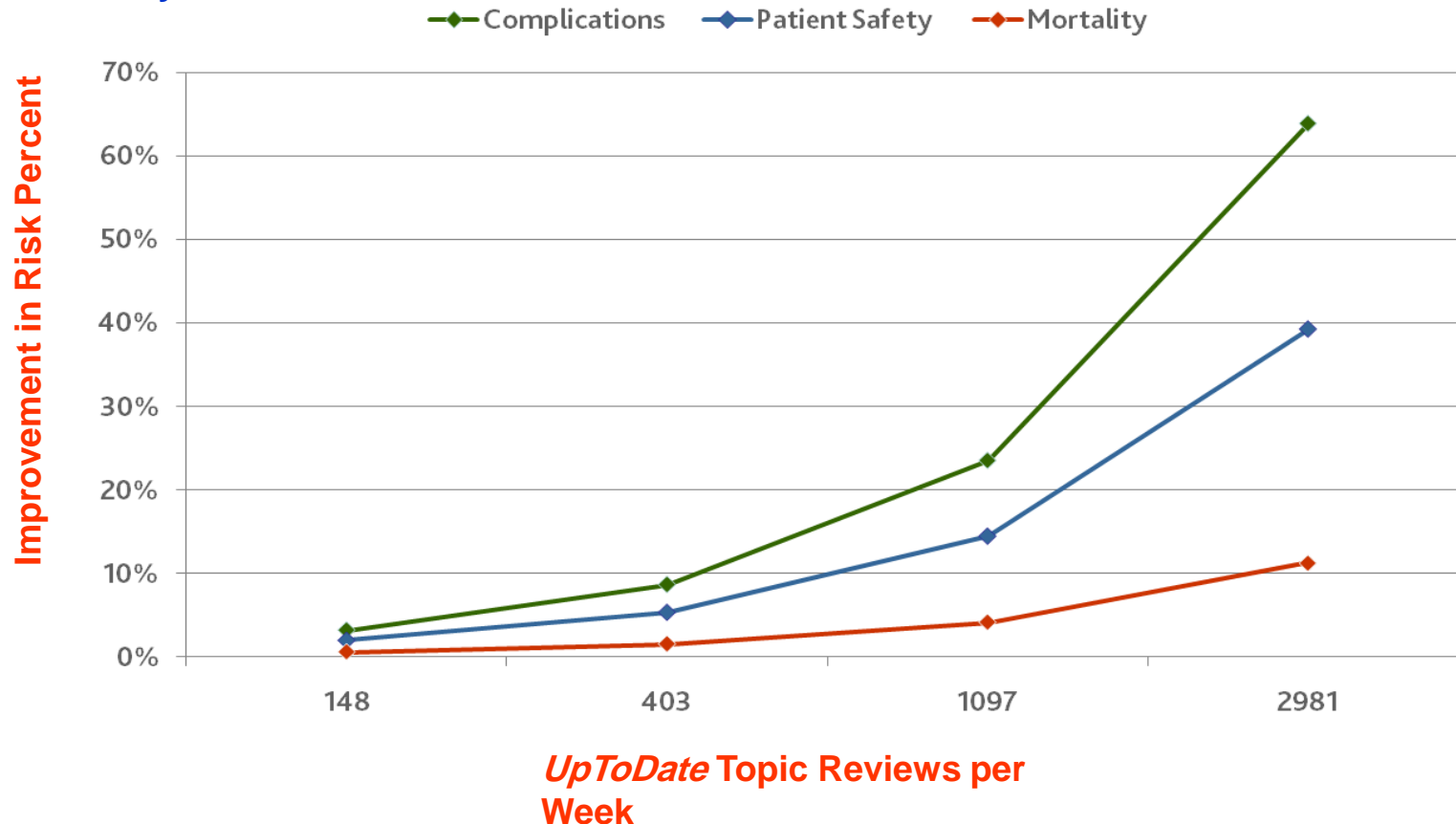


Clinicians choose UpToDate



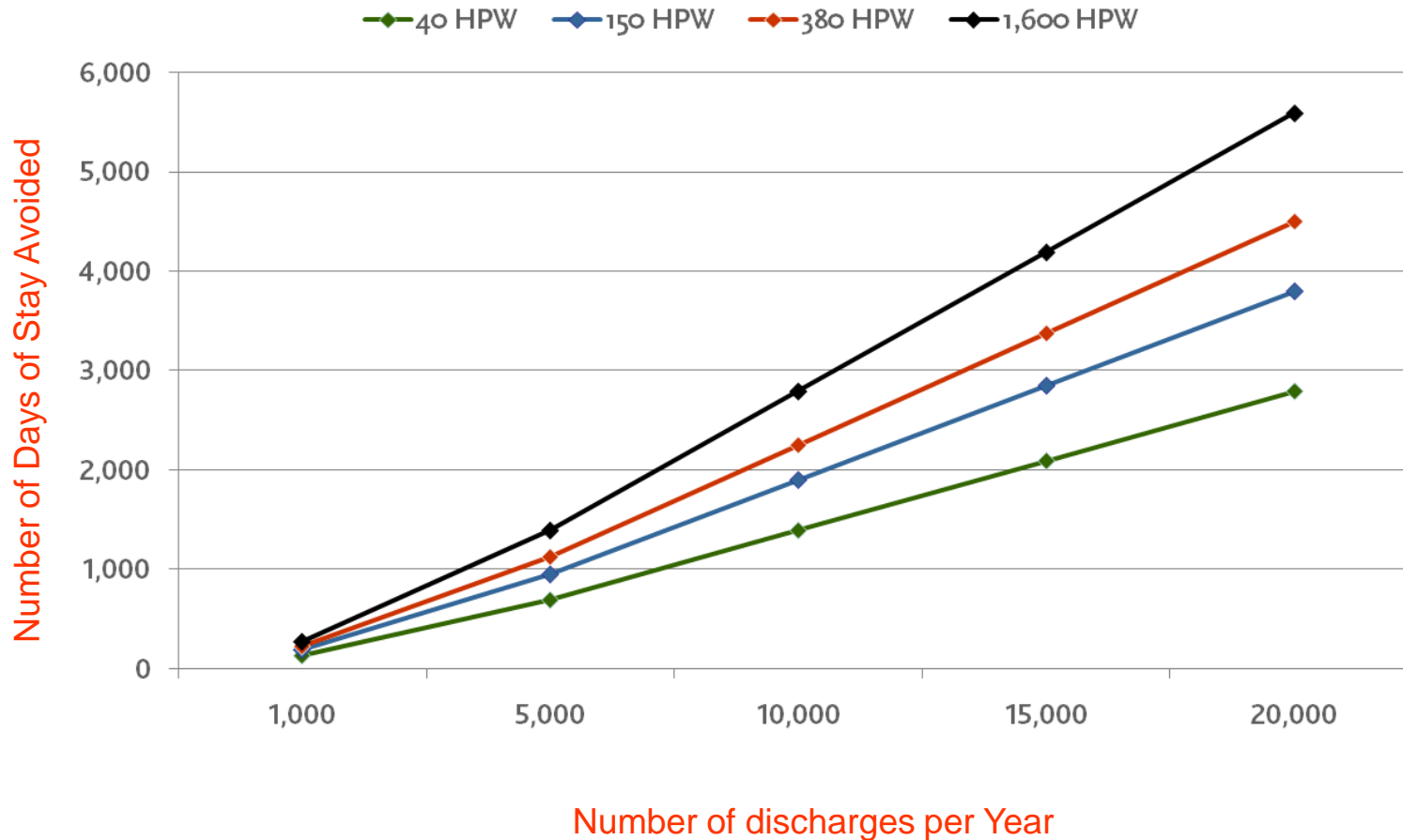
Increased UpToDate use results in better hospital performance

Estimated Impact of UpToDate usage levels on complications, patient safety and mortality



Effect on length of stay

Days of stay avoided given differing numbers of hits per week
(Hit per Week (HPW) for varying numbers of inpatient discharges)



Top Hospitals & Universities Have UpToDate

UpToDate is also currently part of the clinical practice at many prominent hospitals in the Gulf including:

Bahrain: Bahrain Defense Forces Hospital - RCSI –Medical University of Bahrain

Iran: Ministry Of Health for all University hospitals in Iran (49)

Kuwait: Kuwait Medical Collage & hospital – Kuwait University

Oman: Oman Medical Specialist Board (OMSB) - Sultan Qaboos University Hospital
- Sohar Medical College - The Royal Hospital

Qatar: Hamad Hospital & Medical Collage - ASPETAR -Qatar Ortho & Medicine Hospital

Saudi Arabia:

- King Abdul Aziz Medical City (NGH)
- King Fahad Medical City
- Aramco Medical Services
- King Khalid Hospital (Riyadh)
- Riyadh Military Hospital
- King Fahad Specialist Hospital
- University of Dammam
- King Faisal Specialist Hospital
- International Medical Hospital
- Saad Specialist Hospital
- King Abdulaziz University Hospital (Jeddah)
- Security Forces Hospital
- Al Hammadi Hospital
- Northern Area Armed Forces Hospital

UAE:

- SEHA for all Government Hospitals & Clinics in Abu Dhabi
- American Hospital in Dubai
- The City & Welcare Hospitals & Clinics
- Al Noor Hospital (Abu Dhabi)
- Iranian Hospital in Dubai
- Al Zahra Hospital (Sharjah)
- Sharjah University - Medical College

Summing up

- ✓ UpToDate is a resource available at your fingertips... just a few key-strokes away.
- ✓ UpToDate (based on many studies):
- ✓ Is efficient (saves time for physicians)
- ✓ Has impact on patient care (better decisions)
- ✓ Brings savings (length of stay, less referrals,..)
- ✓ Increases satisfaction rates (physicians & patient)
- ✓ UpToDate has no pop-ups, advertising or sponsors.
- ✓ Written by physicians for physicians.
- ✓ Certified by groups of specialties societies.
- ✓ 18 Covered Specialties and growing (more in progress)

Thank You