

Unit 1- Medical Education

▪ Ready?

Key terms

- Education of (future) practitioners and/or healthcare providers
- Entry: as undergraduate (e.g. France) or graduate (e.g. USA, after 4 years in University)
- Initial training: at medical school, dental school, pharmacy school etc
- Curriculum: preclinical studies → clinical studies → postgraduate education
- Continuing Medical Education (CME): lifelong education, education throughout life

Current key issues

- A changing profession
- Role of medical education in supporting good medical practice
- Recruiting adequate medical students

Conceptual framework: Brushing up on your knowledge of the field

– General Medical Council (GMC)

<http://www.gmc-uk.org/education/index.asp>

http://www.gmc-uk.org/TomorrowsDoctors_2009.pdf_39260971.pdf

http://www.gmc-uk.org/Education_Strategy_2011_2013.pdf_36672939.pdf

– Association of American Medical Colleges

<https://www.aamc.org/initiatives/meded/>

<https://www.aamc.org/students/>

– University of Virginia School of Medicine

<http://www.medicine.virginia.edu/education/medical-students/UMEd/curriculum/competencies-page>

– Canadian Medical Association Journal (CMAJ)

<http://www.cmaj.ca/content/178/1/17.2.full?etoc>

– Association for Medical Education in Europe (AMEE)

<http://www.amee.org/index.asp?tm=22>

▪ **Steady: Key vocabulary kit, pronunciation on <http://www.editions-ellipses.fr/>**

medical student, medical school U1-0	étudiant en médecine, faculté de médecine
application, applicant U1-0	candidature, candidat
interview U1-0	entretien
pre-clinical studies, clinical studies U1-0	études précliniques, études cliniques
intercalated year U1-0	année pour stages à l'étranger, entre études précliniques et études cliniques
curriculum U1-0	cursus
syllabus U1-0	programme
integrated learning U1-0	enseignement intégré
system-based curriculum U1-0	enseignement linéaire, par systèmes
basic sciences U1-0	sciences fondamentales
anatomy, physiology, biochemistry U1-0	anatomie, physiologie, biochimie
pharmacology U1-0	pharmacologie
obstetrics & gynecology (OBGY) U1-0	gynécologie et obstétrique
internal medicine, pediatrics, psychiatry U1-0	médecine interne, pédiatrie, psychiatrie
surgery U1-0	chirurgie
pathology, pathophysiology U1-0	pathologie, physiopathologie
UK: foundation years (FY1; FY2) U1-0	Royaume-Uni : interne (2 premières années)
senior house officer U1-0	interne (après la 2 ^e année d'internat)
specialty registrar U1-0 hospital specialty: 6 yrs; GP: 3 yrs U1-0	clinical ; spécialité hospitalière* : 6 ans, médecine générale : 3 ans
USA: intern (1st year resident) U1-0	USA : interne de 1 ^e année
junior resident / senior resident (final year) U1-0	interne au-delà de la 1 ^e année
fellow U1-0	≈ assistant
consultant (UK), attending physician (USA) U1-0	spécialiste/chef de service

* Au Royaume-Uni, il n'y a de spécialistes qu'à l'hôpital.

▪ **Go! Here are 5 videos on Medical Education**

- If you feel confident enough, just take notes as you listen (level 2)
- If you don't, use the questions (level 1) and write down note-like answers
- Check the answers, do the language & follow-up work

1- “From Marcus Welby to Grey’s Anatomy” (2:35)

<http://www.medscape.com/viewarticle/563897>



1. What is going to happen by 2027?

➤ -----

2. What question does it pose?

➤ -----

3. What factor makes this question even more special?

➤ -----

4. What was done to try & have an idea?

➤ -----

5. The answers:

➤ -----
➤ -----
➤ -----
➤ -----
➤ -----

6. Impact on the healthcare system:

➤ -----
➤ -----
➤ -----

7. Dr Darrel Kirch’s opinion:

➤ -----

Word list, pronunciation on <http://www.editions-ellipses.fr/>

Marcus Welby U1-1	série à la télévision américaine (années 1970)
Grey's anatomy U1-1	série télévisée actuelle (référence au manuel "Gray's anatomy of the human body" 1858)
be , was/were, been likely to + verb U1-1	être susceptible de
one in three/ two out of three U1-1	un sur deux/ deux sur trois
footsteps U1-1	traces
survey U1-1	étude
gender U1-1	sexe
be willing to + verb U1-1	être disposé à
clue U1-1	idée
poll U1-1	interroger, sonder
work longer hours U1-1	travailler davantage
currently U1-1	actuellement
job sharing U1-1	le partage du travail
schedule U1-1	horaire
commonplace U1-1	courant, répandu
electronic medical record U1-1	dossier médical informatisé
care U1-1	soins de santé
focus U1-1	se centrer sur, se concentrer sur
team-based approach U1-1	travail en équipe
lead by example U1-1	donner l'exemple
balance U1-1	équilibre
provide someone with something U1-1	fournir quelque chose à quelqu'un
opportunity U1-1	occasion
medicine U1-1	médecine

Language corner

A- Reminder

- *71 million baby boomers*
→ Nombres invariables *hundred, thousand, million* etc. sont invariables lorsqu'ils sont précédés d'un numéral, de *several* ou de *a few*. Dans le cas contraire, ils prennent la marque du pluriel et sont suivis de *of*. Exemple : *thousands of students*
- *Fewer hours, more commonplace*
→ Comparatif de supériorité :
 - adjectifs courts (1 syllabe ou 2 si terminé par un son voyelle) → adjectif + er. (*old* → *older*, *pretty* → *prettier*)
 - adjectifs longs (2 syllabes ou plus) → more + adjectif (*more pleasant, more common*)
 - adjectifs irréguliers (*good* → *better*, *bad* → *worse*, *much/many* → *more*, *little* → *less*)
- *as well as*
→ Comparatif d'égalité :
as + adjectif ou adverbe + *as* (*as nice as, as reliable as, as good as, as well as*)

B- Exercise: Turn into English

- 1- Plusieurs milliers de médecins partiront à la retraite d'ici quelques années.
- 2- Des millions d'américains devront cependant continuer à recevoir des soins !
- 3- Les dossiers médicaux informatisés sont employés par tous les hôpitaux.
- 4- De plus en plus de médecins souhaitent équilibrer leur vie professionnelle et leur vie personnelle.
- 5- Les jeunes ne veulent pas travailler davantage et sont disposés à partager la charge en travaillant en équipe.

Follow-up

1. **Prepare a brief summary of the video** (150 words. Top-down approach.)
2. **Transfer the information to a colleague in 2 minutes**
3. **Read the transcript & check with your teacher**
4. **Read the following article** "Does Applicant Personality Influence Multiple Mini-Interview Performance and Medical School Acceptance Offers?"
<http://www.medscape.com/viewarticle/770391>
5. **Be ready to discuss the article with a colleague**

1- "From Marcus Welby to Grey's Anatomy: The next Generation" Answers

<http://www.medscape.com/viewarticle/563897>

1- What is going to happen by 2027?

- one in 3 US doctors is going to retire
- doctors will have to treat 71 million baby boomers

2- What question does it pose?

- how will the new generation of doctors view the practice of medicine?

3- What factor makes this question even more special?

- more & more women are studying to become doctors

4- What was done to try & have an idea?

- a recent survey of US physicians under age 50, conducted by the Association of American Medical Colleges (AAMC) and the American Medical Association

5- The answers:

- young doctors of both genders view "quality of life" as essential, and are willing to risk career advancement to get it
- seventy-one percent of those polled identify family and personal time as a very important factor in a desirable practice
- two out of 3 young physicians say they are not interested in working longer hours for more money
- an additional 32% would prefer part-time hours

6- Impact on the healthcare system:

- job sharing, part-time work, and flexible schedules must become more commonplace for doctors in the years to come
- information technology, particularly electronic medical records and emails between physicians and patients, will need to be expanded in order to maintain continuity of care
- medical education will need to focus on interdisciplinary training with nurses, pharmacists, and other health professions, as well as a more team-based approach to patient care

7- Dr Darrel Kirch's opinion:

- this generation of physicians shows that a work-life balance is possible for doctors. They provide an excellent opportunity for constructive change in how medicine is practiced

2- “Who Says Medical Education Hasn’t Changed?” (3:00)

<http://www.medscape.com/viewarticle/562605>



1- What was the occasion for this interview?

➤

2- What is the speaker’s point of view?

➤

3- What is new in the way medical students learn?

➤

➤

➤

➤

4- What is the aim of the reforms residencies have undergone?

➤

5- What must today’s residents do?

➤

➤

➤

➤

➤

6- What areas are being explored?

➤

➤

➤

7- Why must medical education be a dynamic, evolving process?

➤

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Word list, pronunciation on <http://www.editions-ellipses.fr/>

Flexner report U1-2	Rapport Flexner “Formation médicale aux États-Unis et au Canada”, 1910
lecture hall U1-2	amphithéâtre
clinical clerkship U1-2	stage hospitalier
ambulatory care settings U1-2	établissements de soins ambulatoires
clinic U1-2	cabinet médical, dispensaire
nursing home U1-2	foyer de soins infirmiers
standardized patient U1-2	patient standardisé
computerized mannequin U1-2	mannequin informatisé
bioterrorism preparedness U1-2	préparation au risque bioterroriste
align U1-2	faire converger
training U1-2	formation
prevalent U1-2	répandu
participate in something U1-2	participer à quelque chose
delivery of care U1-2	prestation des soins
ensure U1-2	(s’) assurer, garantir
area U1-2	(ici) domaine
tightly U1-2	étroitement
skill U1-2	compétence
safe U1-2	sûr
compassionate U1-2	plein de compassion, compatissant
improve U1-2	améliorer
ever-changing U1-2	en constante évolution
at large U1-2	au sens large, en général