



EUROPEAN ACADEMY OF PAEDIATRICS

U.E.M.S. Section of Paediatrics
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Académie Européenne de Pédiatrie
Section de Pédiatrie de l' U.E.M.S.

ARE EUROPEAN PHYSICIANS ADEQUATELY TRAINED TO DELIVER QUALITY HEALTH CARE TO ADOLESCENTS?

A MOCHA-EAP SURVEY PERFORMED IN 36 EUROPEAN COUNTRIES

EAP WINTER MEETING, BRUSSELS, DECEMBER 7TH 2018



Context

- ✓ Increase in chronic conditions among adolescents, including NCDs
- ✓ The field of adolescent medicine and health lags behind in Europe



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Context

European Journal of Pediatrics (2018) 177:479–487

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EAP STATEMENT



Paediatric departments need to improve residents' training in adolescent medicine and health: a position paper of the European Academy of Paediatrics

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Objectives

Evaluates the state of training curricula in adolescent medicine and health in Europe

- ✓ Medical students
- ✓ Residents in paediatrics
- ✓ Residents in family medicine/gynaecology/psychiatry
- ✓ (nurses)



Methods

EAP & Y-EAP

European Academy of
paediatrics

MOCHA

Models of child health
care appraised

- 36 countries
- Survey adapted from WHO
- 11 closed questions with comments
- Covering under-post grade training
- Mandatory ?
- Stand-alone ?
- Content ?



Participating countries

Armenia*

Austria***

Belgium**

Bosnia and
Herzegovina*

Bulgaria**

Croatia***

Cyprus**

Czech Republic**

Denmark*

Estonia**

Finland**

France***

Germany**

Greece**

Hungary***

Iceland**

Ireland**

Israel*

Italy***

Latvia**

Lithuania***

Malta**

Moldova*

Netherlands***

Norway***

Poland**

Portugal*

Romania*

Serbia*

Slovenia*

Spain*

Sweden***

Switzerland**

Turkey*

Ukraine*

United Kingdom**

Number of stars indicate number of responses received from 1, 2 or 3 countries



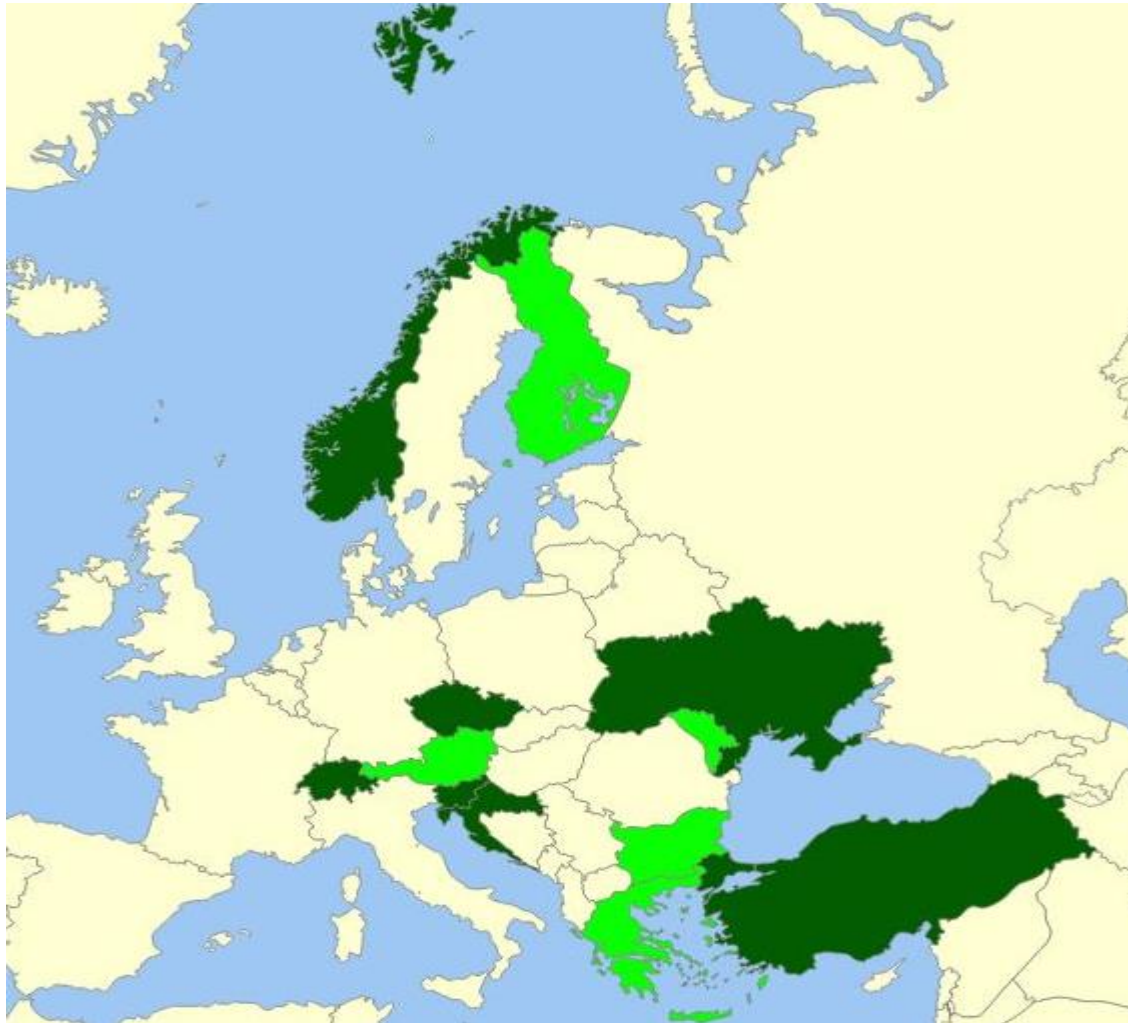
Mismatches..

- ✓ Hungary: topics taught to paed. residents
 - Not any (EAP)
 - Mental health (MOCHA)
 - Ethics (Y-EAP)

- ✓ Norway stand-alone sessions for med students
 - 100% (EAP)
 - 75% (Y-EAP)
 - No such sessions (MOCHA)



Stand-alone sessions for medical students

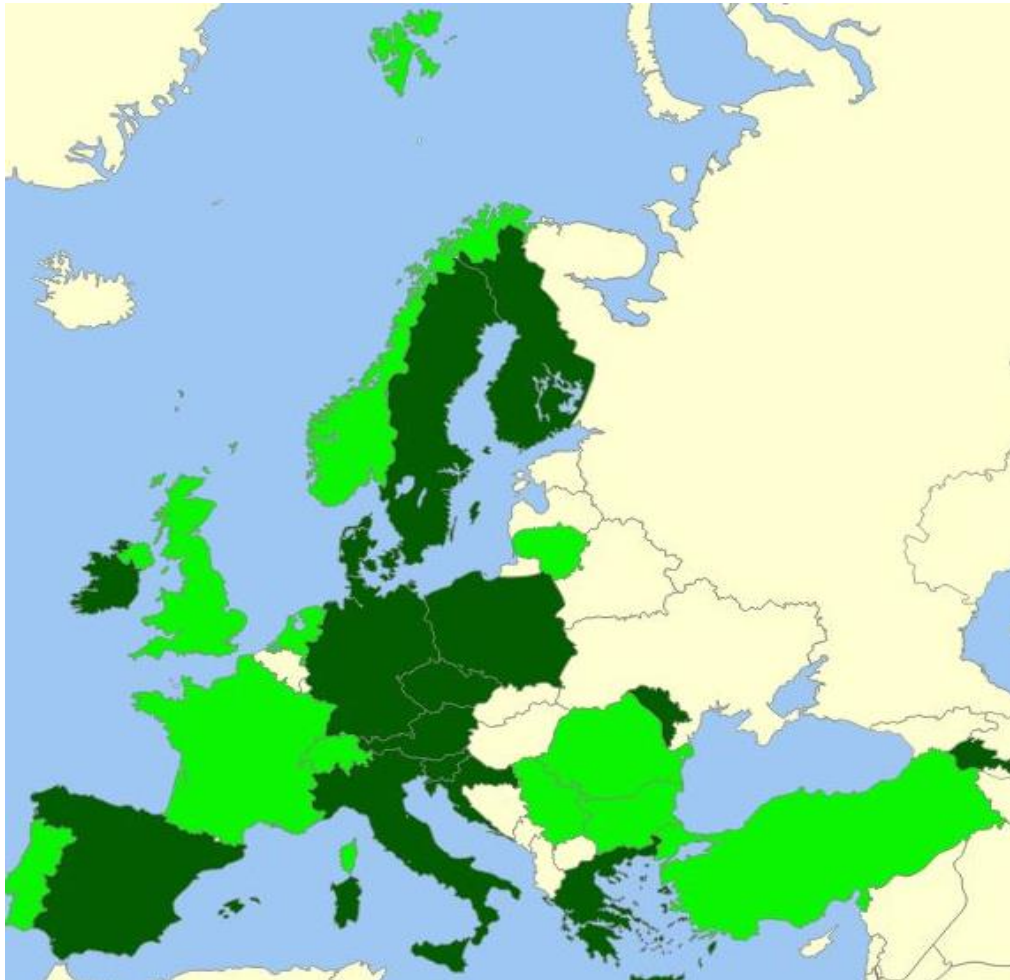


Five countries report mandatory stand-alone sessions

Eight countries report optional stand-alone sessions



Stand-alone sessions for paediatric residents (primary/secondary care)

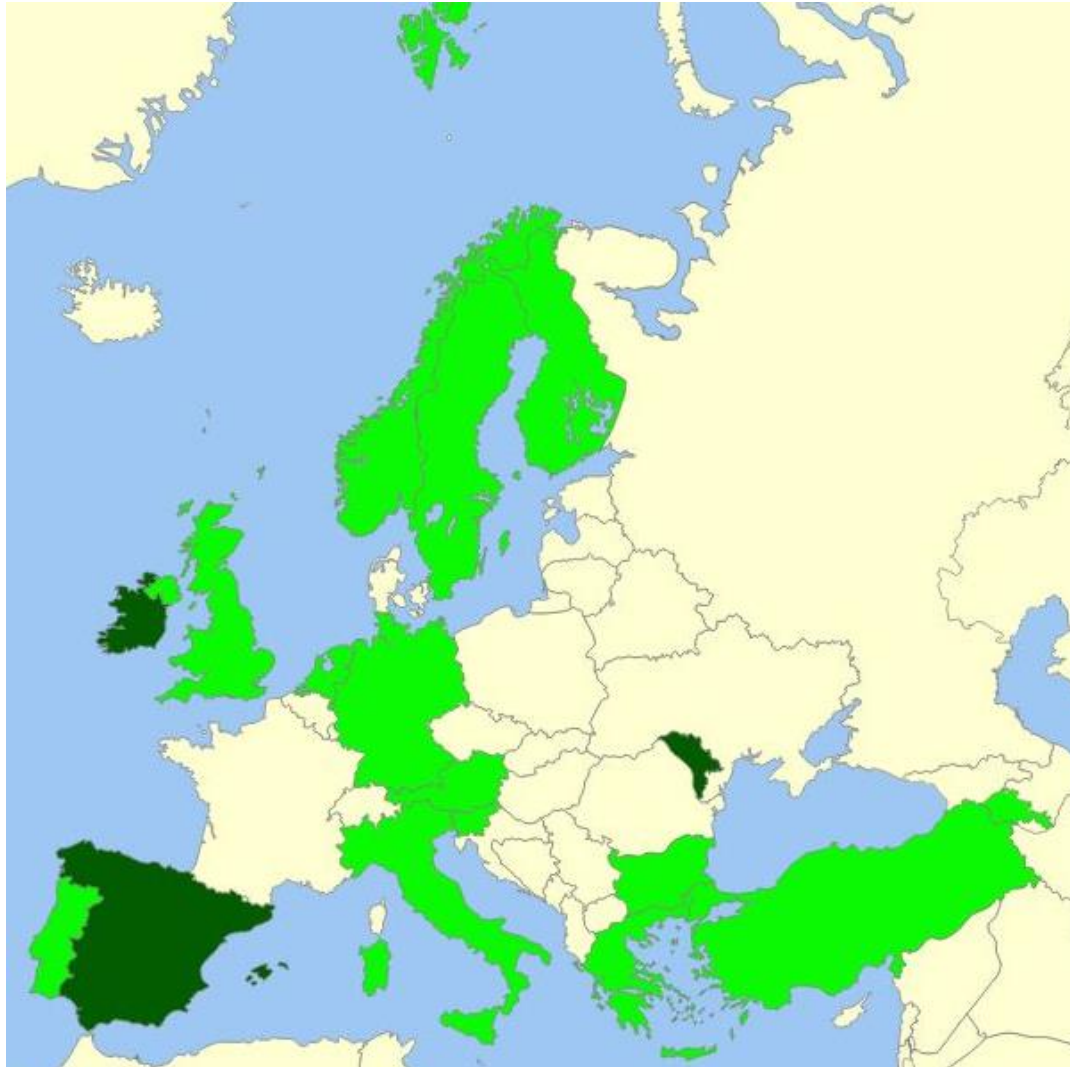


Fifteen countries report mandatory stand-alone sessions

Eight countries report optional stand-alone sessions



Stand-alone sessions for GP/IM residents

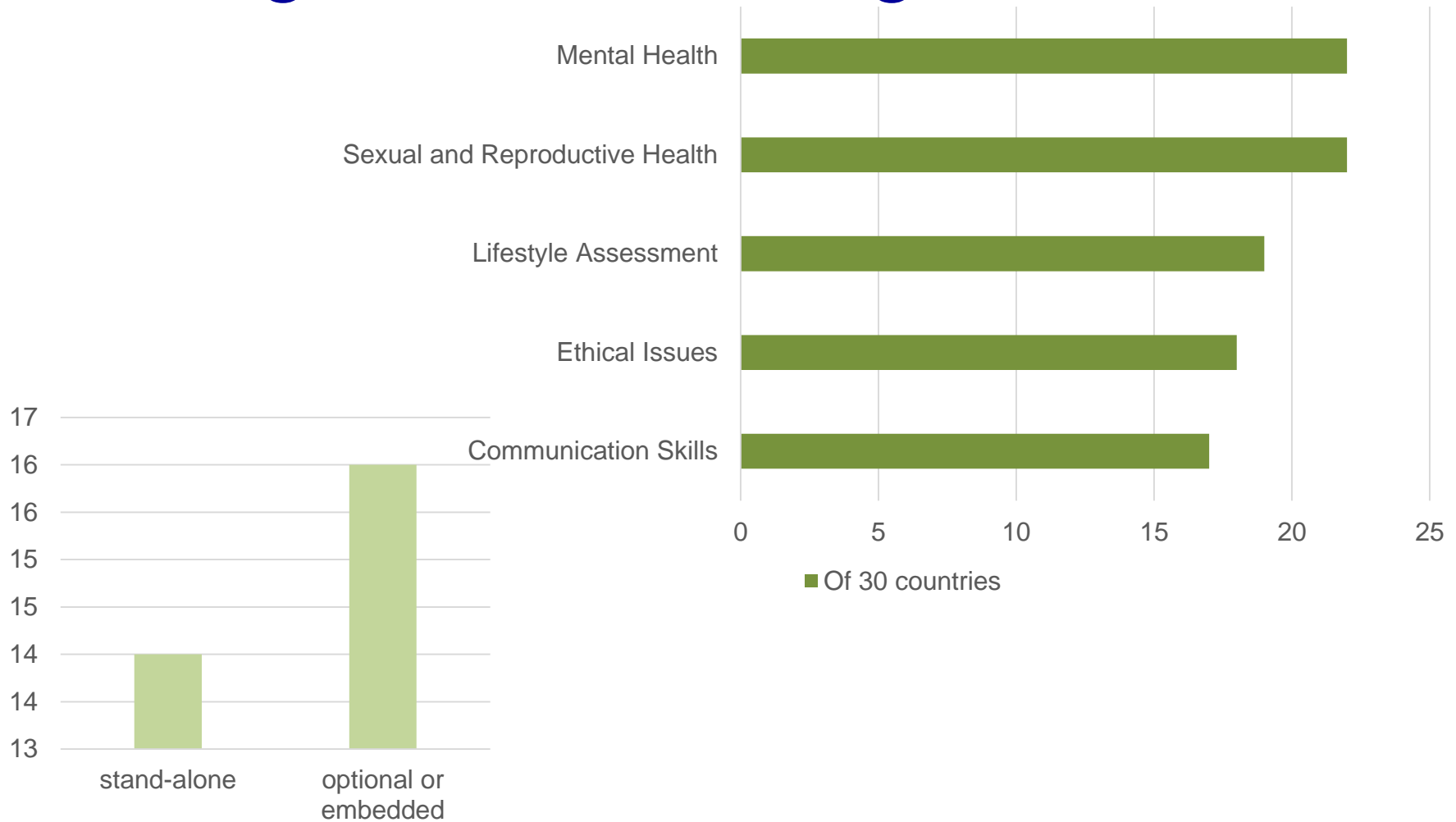


Three countries report mandatory stand-alone sessions

Fourteen countries report optional stand-alone sessions

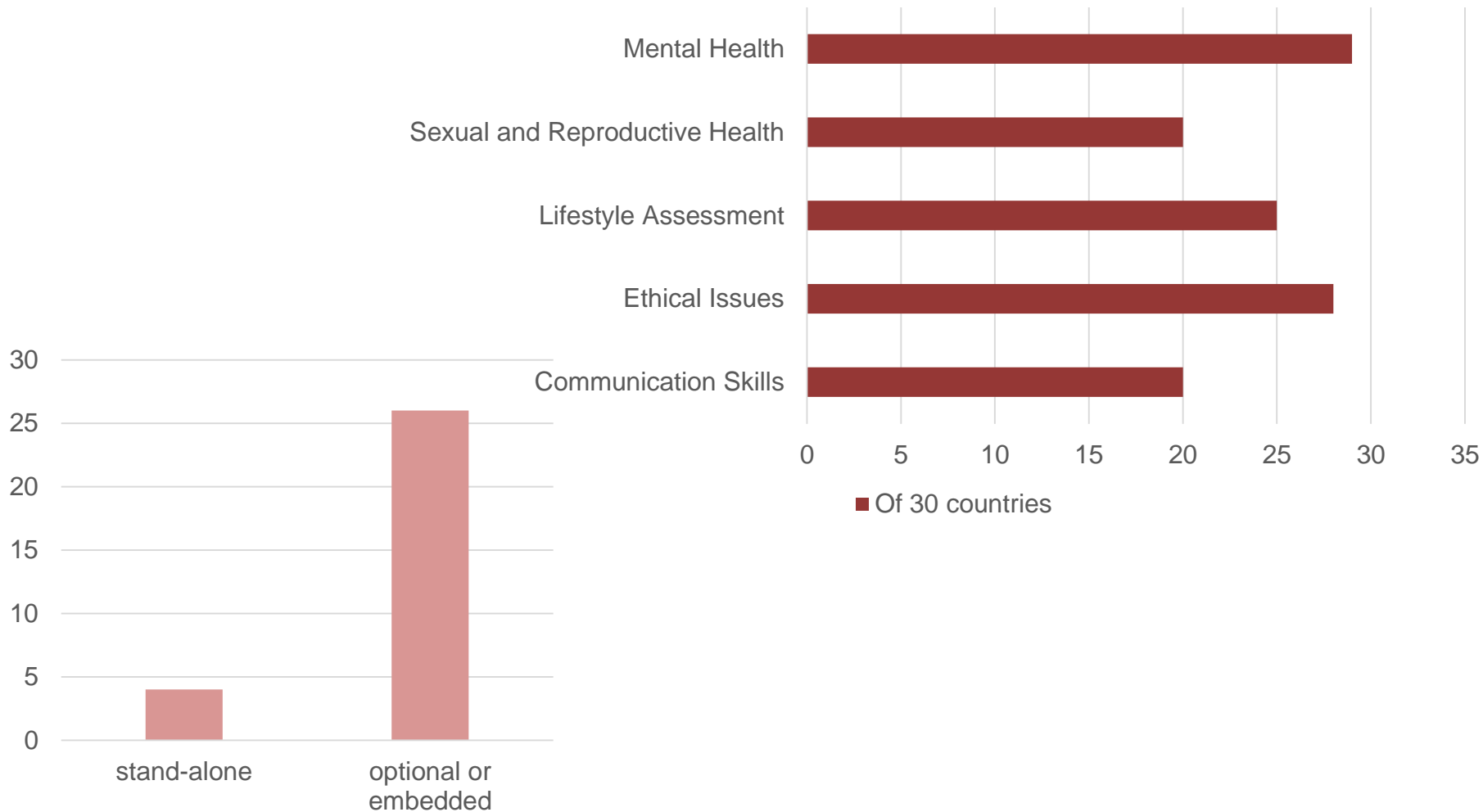


Tackling adolescent health issues: Undergraduate training





Tackling adolescent health issues: Postgraduate training





Conclusion

1. The structure and content of training curricula in adolescent medicine and health varies greatly across European countries
2. Most do not meet published standards (WHO/EJP)
3. Paediatric associations and institutions should advocate for a better coverage of adolescent medicine and health in training curricula
4. Curricula targeting general practitioners should as well address adolescent health & medicine



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So what ?



Training in adolescent health and medicine in Lausanne:

Two options:

- ✓ A two-days mandatory module
- ✓ Various stand-alone mandatory & optional sessions spread along the curriculum
- ✓ Inclusion of questions & situations within MCWs and OSCEs



	Semestre d'automne 2018			Semestre de printemps 2019		
Bachelor 3 ^{ème} année	B3.1 Cœur, poumons 5 sem, 8 ECTS	B3.2 Douleurs abdominales 4 sem, 7 ECTS	B3.3 Inflammation 5 sem, 8 ECTS	B3.4 Fonctions sup. du système neuro. 5 sem, 8 ECTS	B3.5 Croissance et développement 5 sem, 8 ECTS	B3.6 Transition 5 sem, 8 ECTS
	B3.7 MSC* – Epidémiologie, prévention et médecine communautaire 5 ECTS					
	B3.8 Compétences cliniques – 6 ECTS					
	B3.9 Cours à option – 3 ECTS					
Bachelor 2 ^{ème} année	B2.1 Cellules, organe 5 sem, 7 ECTS	B2.2 Immunité, communauté, 5 sem, 7 ECTS	B2.3 Chronic conditions 5 sem, 7 ECTS	B2.4 SRH 5 sem, 7 ECTS	B2.5 Digestion, métabolisme 4 sem, 7 ECTS	B2.6 Système urogénital et homéostasie 5 sem, 10 ECTS
	B2.7 MSC* – Médecine dans la communauté					
	B2.8 Compétences cliniques – 5 ECTS					
	B2.9 Cours à option – 1 ECTS					
Bachelor 1 ^{ère} année	B1.1 Matière 9 sem, 16 ECTS		B1.2 Cellule 5 sem, 11 ECTS	B1.3 Développement 4 sem, 11 ECTS	B1.4 Système locomoteur 5 sem, 11 ECTS	B1.5 MSC* – Santé publique et sciences humaines et sociales en médecine 5 sem, 11 ECTS

* MSC = Médecine et santé communautaires



Master
3^{ème} année

Master
2^{ème} année

Master
1^{ère} année

Semestre d'automne 2018

Semestre de printemps 2019

One year student internship: elective one-month stay at the DISA

Travail de Master – 10 ECTS

Répétitoires
Exa. Fédéral
7 sem.

M2.1
Travail de
maîtrise

3 sem.
5 ECTS

M2.2
Maladies
chroniques-
complexes

4 sem.
11 ECTS

M2.3
Maladies
infectieuses,
hématologie,
immunologie

4 sem.
11 ECTS

M2.4
Médecine
vasculaire,
méd. légale,
pharmaco.,
addictions

3 sem.
9 ECTS

M2.5
Oncologie
inter-
disciplinaire,
éthique, méd.
aiguë

3 sem.
9 ECTS

M2.6
Généralisme II

3 sem.
10 ECTS

M2.8 Compétences cliniques : radiologie, pathologie, entretien motivationnel, Cours-blocs 4 sem. - 5 ECTS

M1.1
Douleurs articulaires

4 sem.
7 ECTS

M1.2
Mère-enfant

5 sem.
8 ECTS

Adolescent development
and SRH

M1.7 MSC - Cours
intégré sexualité

M1.4
Intro.
travail
Master

2 se
5 E

M1.5
Généralisme I

Functionnal
disorders

Docteur, j'ai mal

M1.5 Généralisme -
Docteur, j'ai de la
peine à respirer

M1.6 Cours-blocs
18 semaines
20 ECTS
Tournus complet des Cours-blocs sur
MMed1 et MMed2

scine interne
rgie
trie
iatrie
reil locomoteur
trie

Gynécologie-obstétrique
Neurologie
ORL
Policlinique médicale
Radiologie
Urgences
Dermatologie
Soins palliatifs
Innovations interprofessionnelles - EIP

M1.7 MSC* – Economie, éthique, système de santé, droit et santé
au travail – 4 ECTS

M1.8 Compétences cliniques

M1.9 Cours à option – 3 ECTS

Puberty

M1.9 Cours à option -
Croissance et
développement

* MSC = Médecine et santé communautaires



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- ✓ MOCHA head (M. Blair, M Rigby, D. Alexander)



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Thank you



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Training sessions in other disciplines

Gynaecologists	mandatory	3
	optional	18
	not as a stand-alone	15
Psychiatrists <i>(not applicable in a some countries)</i>	mandatory	9
	optional	16
	not as a stand-alone	11
School physicians <i>(not applicable in some countries)</i>	mandatory	10
	optional	1
	not as a stand-alone	5
	not applicable	20



Curriculum content

Paediatricians:

- Communication skills: in 21 countries
- Ethics in 29 countries
- Screening of lifestyles in 25 countries
- Sexual & reproductive health in 22 countries
- Mental health in 29 countries

General practitioners / family physicians

- Communication skills: in 16 countries
- Ethics in 18 countries
- Screening of lifestyles in 16 countries
- Sexual & reproductive health in 17 countries
- Mental health in 23 countries