



European Network of Physiotherapy in Higher Education

ENSINO SUPERIOR NA EUROPA

- TENDÊNCIAS
- FISIOTERAPIA

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Docente da Escola Superior de Saúde do Alcoitão

Presidente da ENPHE

Junho 2019



31
Countries

150
Members

Higher education in the EU

Approaches, issues and trends

IN-DEPTH ANALYSIS

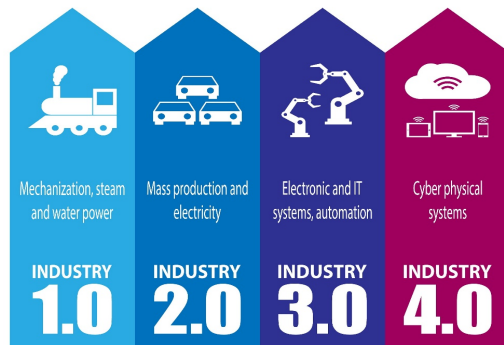
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Author: Ivana Katsarova
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March 2015 — PE 554.169

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CONTEXTUALIZAÇÃO DAS TENDÊNCIAS ATUAIS

↑ Capacidade da Europa

- Necessidade do Ensino Superior (ES) – qualidade de serviços especializados
- Países mais inovadores



CONTEXTUALIZAÇÃO DAS TENDÊNCIAS ATUAIS

RECOMENDAÇÕES PARA O ENSINO SUPERIOR

- Processo de Bolonha - nivelação
- Políticas de Investimento no ES
 - Digitalização de serviços e ensino
 - Competências interculturais
 - Interdisciplinariedade
 - Desenvolvimento pessoal e profissional
 - Agilidade e empreendedorismo
 - “Learnability” – capacidade de aprender, desaprender, ajustar em situações novas

TENDÊNCIAS ATUAIS



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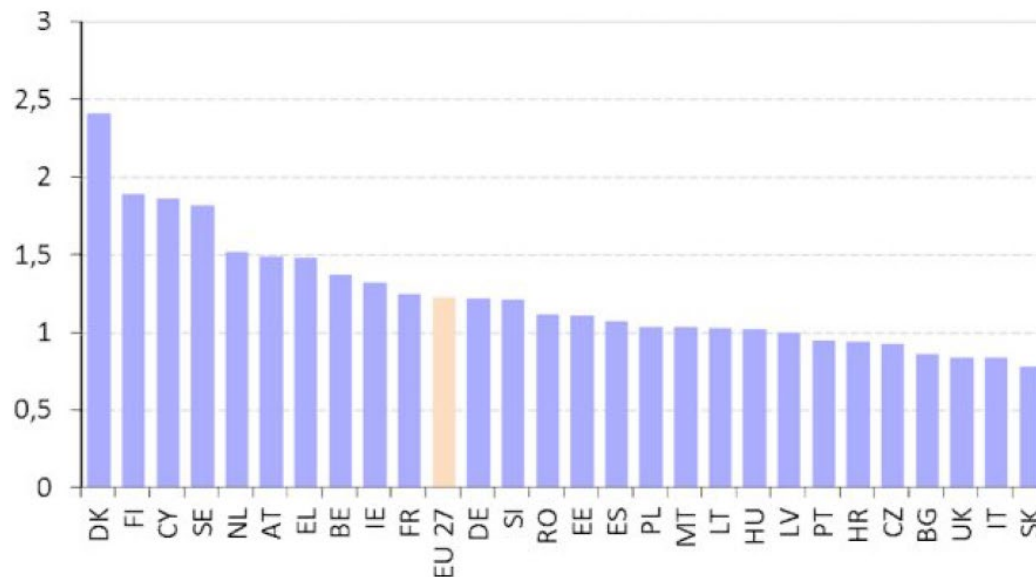
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The shape of things to come:
higher education global trends and emerging opportunities to 2020



Figure 5 – Annual public expenditure on tertiary education as a % of GDP,



Data source: EURYDICE, [Bologna process implementation report](#), 2012.



International Trends
in Higher Education
2015

TENDÊNCIAS ATUAIS



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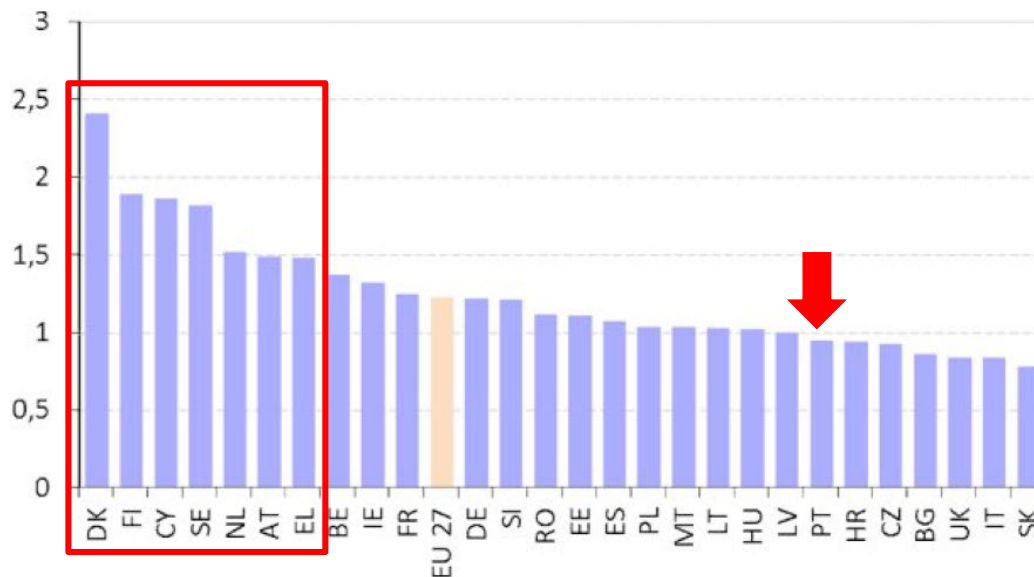
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Figure 5 – Annual public expenditure on tertiary education as a % of GDP,



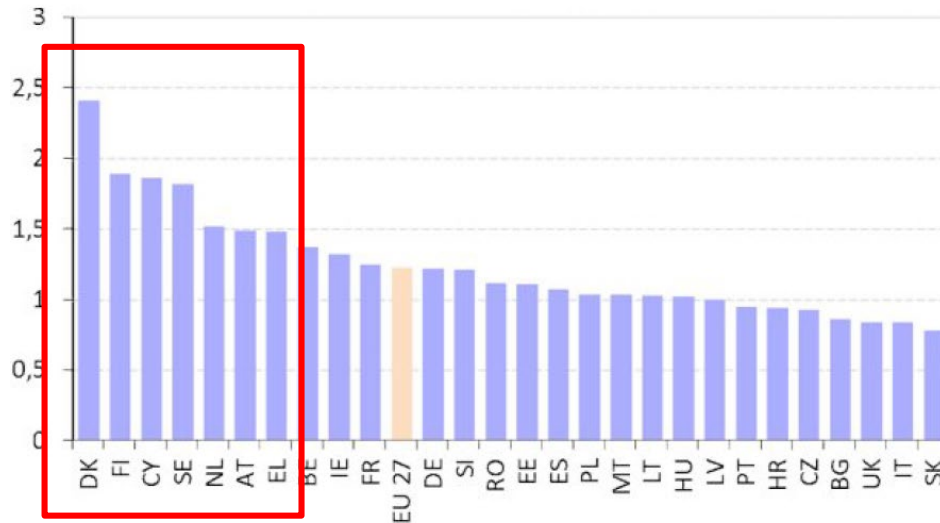
Data source: EURYDICE, [Bologna process implementation report](#), 2012.



International Trends
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2015

TENDÊNCIAS ATUAIS

Figure 5 – Annual public expenditure on tertiary education as a % of GDP,



Data source: EURYDICE, [Bologna process implementation report](#), 2012.



2017 EUROPEAN INNOVATION SCOREBOARD

EU MEMBER STATES' INNOVATION PERFORMANCE

- Innovation Leaders
- Strong Innovators
- Moderate Innovators
- Modest Innovators



Since 2010, the innovation performance improved in 15 EU countries.

TENDÊNCIAS ATUAIS

Internacionalização da oferta

- Nivelação europeia
- Desenvolvimento transatlântico
- ↑ financeiro
 - Contrariar redução orçamental pela redução de alunos nacionais

Bsc
MSc
Summer schools
Minors

Digitalização do ensino

- ↑ agilidade e learnability
- ↑ competências e conhecimento
- ↑ expertíse dos professores
- ↓ custos de ensino

MOOCs
Blended
Learning
E-learning



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2015

TENDÊNCIAS ATUAIS

Investigação aplicada

- ↑ relação com a prática e centros de investigação
- Inovar a prática
- Adequar programas de acordo com as necessidades reais

Parcerias de
interesse e
influência
mutuos

Conteúdos programáticos

- Competências gerais
- Especialidades e especificidades em formato de minors, summer schools, e CPD

Majors
Minors
Opcionais



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The shape of
things to come:
higher education global
trends and emerging
opportunities to 2020



International Trends
in Higher Education
2015



Education Strategies in European Context

A Survey of Teaching-Learning approaches, Tools and Assessment among Physiotherapy Teachers

Lopes, A. A.¹; Gonzalez-Caminal, G.²; Brodin, N.³; Vollen-Rafn, A.⁴; Kangasperko, M.⁵; Van-Wijchen, J.⁶;

¹Alcoitão School of Health Sciences, Estoril, Portugal, ²University of Vic - University of Central Catalonia, Manresa, Spain, ³Karolinska Institutet, Stockholm, Sweden, ⁴University College Absalon, Denmark, ⁵Faculty of Health Welfare / Satakunta University of Applied Sciences, ⁶Hogeschool van Arnhem en Nijmegen

World Confederation for Physical Therapy
CONGRESS 2019
Geneva

Background

The context of education in the health professions has been influenced by the same tendencies of development of knowledge and technology as the society faces. It is therefore important that educational institutions are capable of promoting an evolutionary profile of professionals, who's knowledge is adapted to the needs of the future society.

Purpose

One of the aims of the European Network of Physiotherapy in Higher Education (ENPHE) is to bring together and enhance collaboration between European institutes and physiotherapy educational institutions in the European region, in order to encourage and support standards of high quality education in physiotherapy in accordance with the recommendations of the World Confederation for Physical Therapy (WCPT) and ER-WCPT. Thus, in order to fulfill this role, the network must understand the reality of its members in relation to the educational practices in Physiotherapy Education.

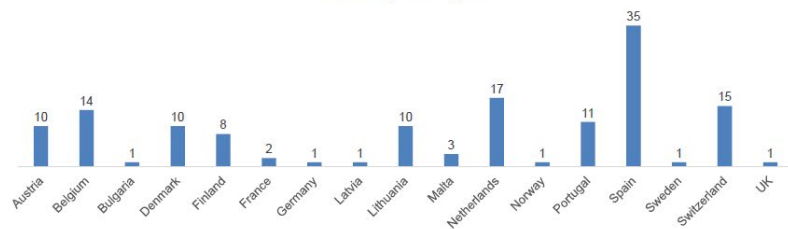
Methods

In the context of the ENPHE group "Facilitation of Learning" and based on previous literature, an online questionnaire was constructed regarding teaching approaches. After a pilot study within 5 institutions, the final version of the survey was disseminated during the ENPHE 2018 seminar.

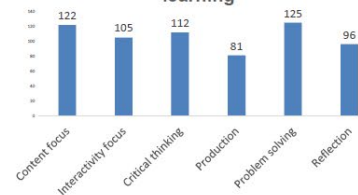
Results

There were 143 survey responses from 17 countries. Most of the respondents were fulltime lecturers (54%) at Bachelor's level (129). The responses indicated that the most commonly used learning approaches included problem solving (125), and content focused activities (122), using mainly lectures (114) and practical training in class (121). The most popular tools used aimed at facilitation of retrieving, recalling or recognising knowledge (142), using written (126) and/or practical examination (113) as assessment strategies.

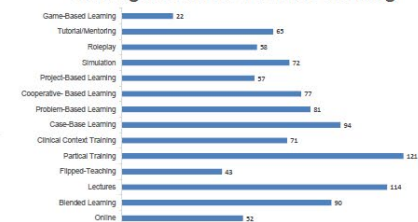
Country of Origin



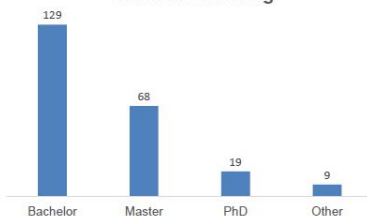
Approaches used to facilitate learning



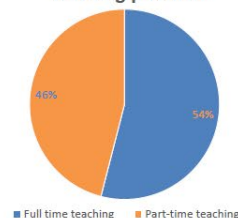
Strategies used to facilitate learning



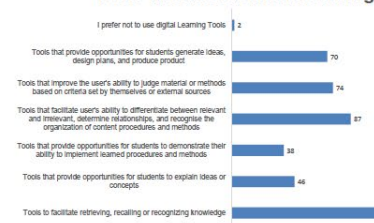
Levels of teaching



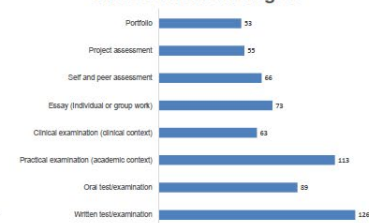
Teaching position



Tools used to facilitate learning



Assessment strategies



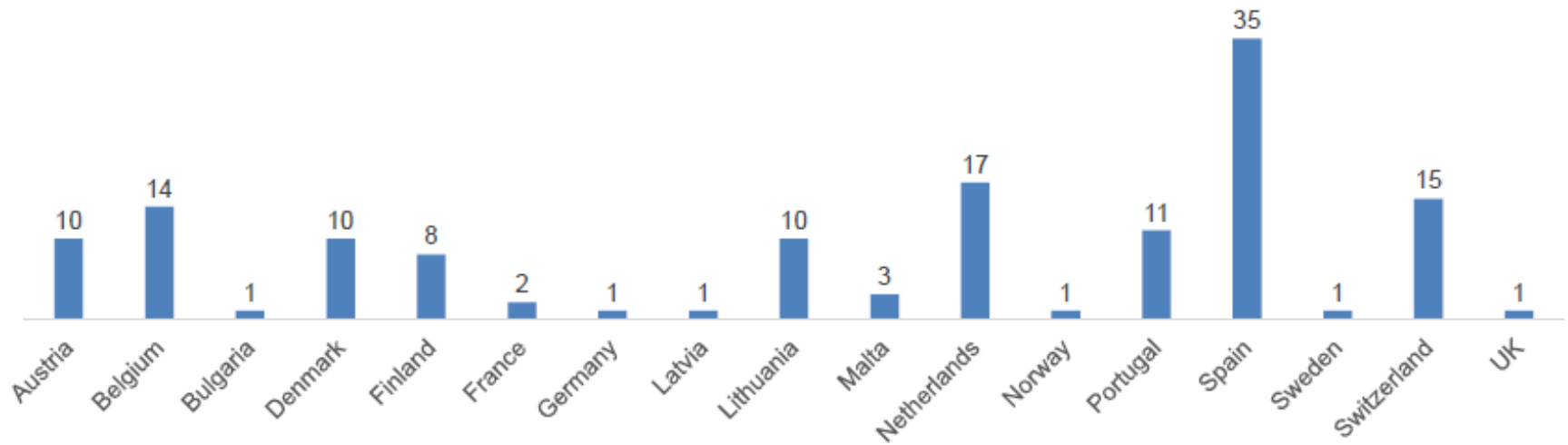
Conclusions

The results still reflect a classic approach to teaching and learning as shown by the selection of approaches, tools and assessment strategies.

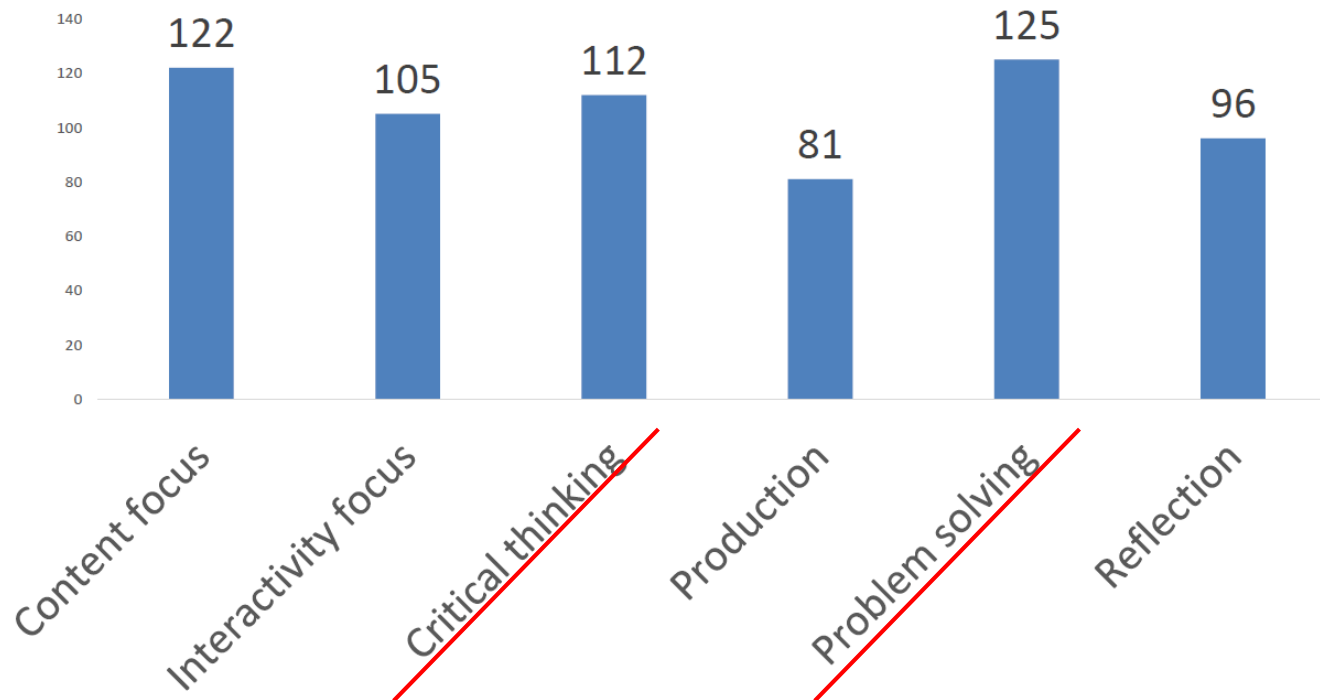
Educational relevance

The results have provided some insight and can also guide ENPHE in devising strategies to facilitate and promote in Physiotherapy education the use of more student inclusive and active learning strategies and in tune with assessment process.

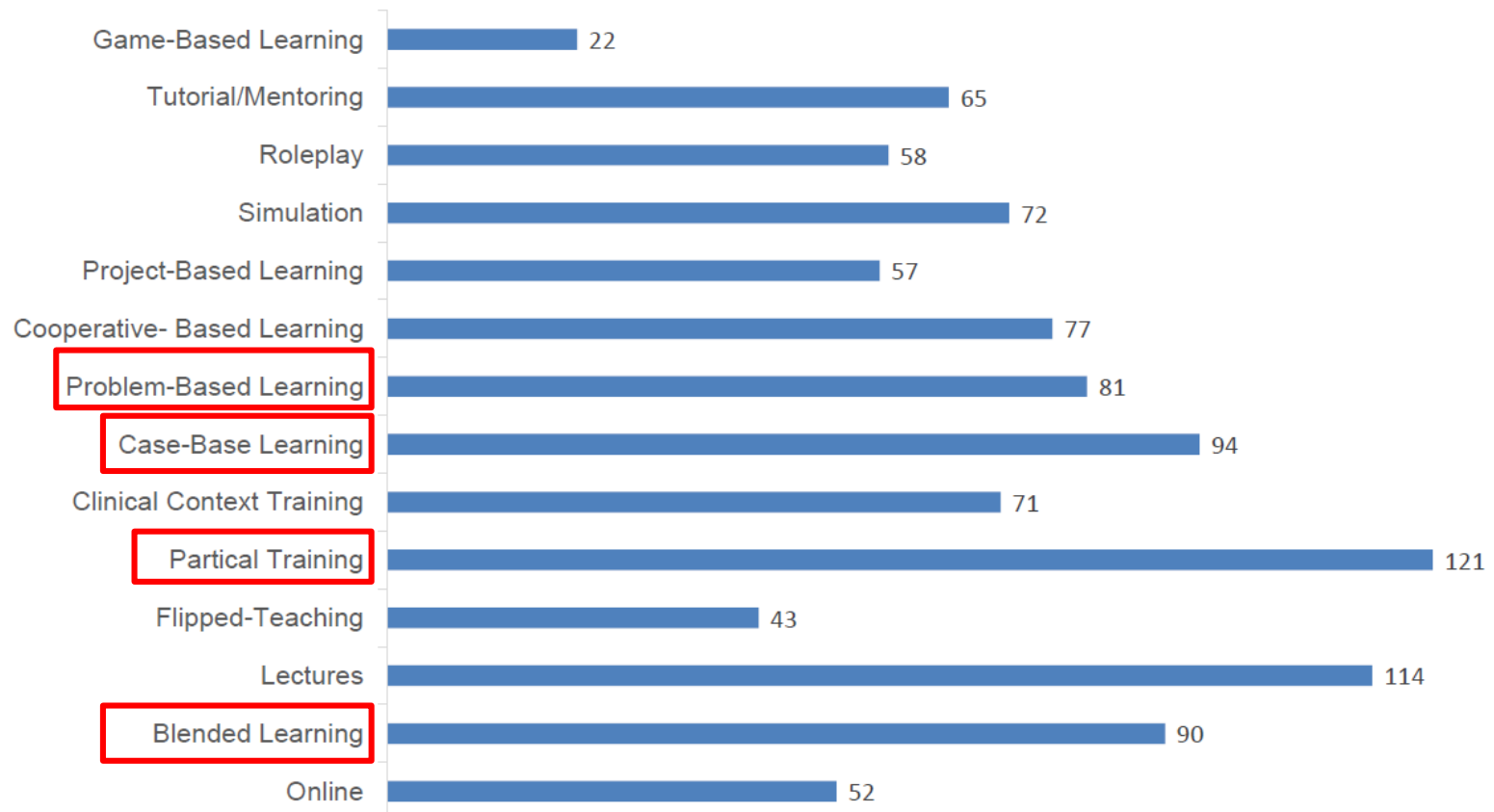
Country of Origin



Approaches used to facilitate learning



Strategies used to facilitate learning

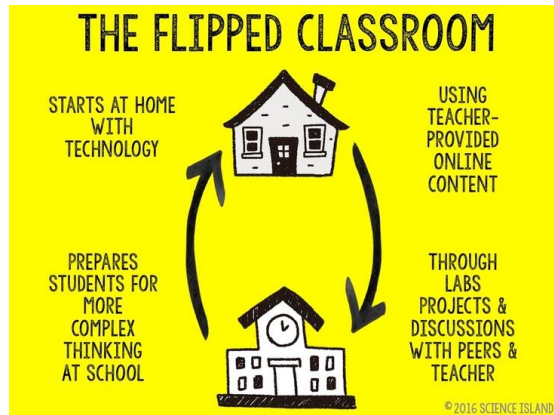
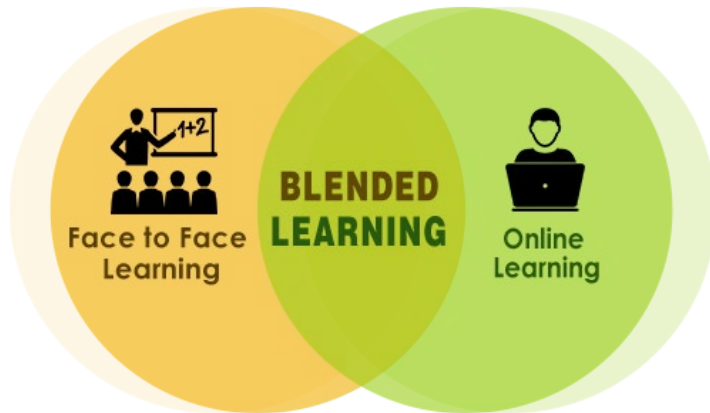


Strategies used to facilitate learning



- Innovation Leaders
- Strong Innovators
- Moderate Innovators
- Modest Innovators







European Network of Physiotherapy in Higher Education

A.D.A.M. INTERACTIVE ANATOMY

A.D.A.M. ONDEMAND

A.D.A.M. INSIDE OUT

A.D.A.M. INTERACTIVE PHYSIOLOGY

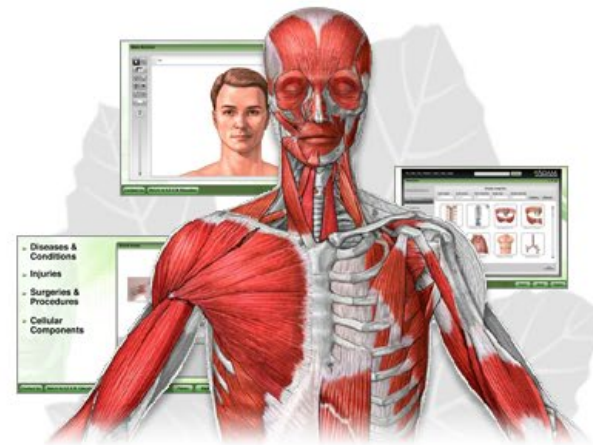
HEALTH RESOURCES FOR LIBRARIES

A.D.A.M. IMAGES

A.D.A.M. Interactive Anatomy

The most comprehensive online interactive anatomy teaching resource for your Anatomy and Physiology courses with over 3,000 illustrations, 3D images, Curriculum Builder and more.

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9



Fundamental Digital Skills for 21st Century Teachers



 Record and edit audio clips 1- Soundcloud.com 2- Audioboom.com 3- Vocaroo.com 4- Clyp.it	 Create interactive video content 1- Youtube Video Editor 2- Wevideo.com 3- Magisgto.com 4- Animoto.com	 Create infographics and posters 1- Piktochart.com 2- Canva.com 3- Drawings.google.com 4- Thinglink.com
Create PLNs, connect, discover new content, and grow professionally 1- Twitter.com 2- Facebook.com 3- Plus.google.com 4- LinkedIn.com 	Use blogs and wikis to create participatory spaces for students 1- Blogger.com 2- Wordpress.com 3- Edublogs.org 4- wikispaces.com 	 Create engaging presentations 1- Docs.google.com/presentation 2- Haikudeck.com 3- Zoho.com/docs/show.html 4- Prezi.com
Create digital portfolios 1- Web.seesaw.me 2- Silk.co 3- Sites.google.com 4- Weebly.com 	Curate, organize and share digital resources 1- Diigo.com 2- Scoop.it 3- Educlipper.net 4- Edshelf.com 	Create digital quizzes 1- Flipquiz.me 2- Riddle.com 3- Quizalize.com 4- Testmoz.com 

www.educatorstechnology.com

TENDÊNCIAS ATUAIS EM FISIOTERAPIA

- Aumento dos projetos ERASMUS+
 - Desenvolvimento de investigação
 - Desenvolvimento de programas curriculares específicos
- Colaboração inter-institucional
- Semanas internacionais
- Mobilidade de alunos e docentes

CONTEXTUALIZAÇÃO DAS TENDÊNCIAS ATUAIS NO CONTEÚDO EM FISIOTERAPIA

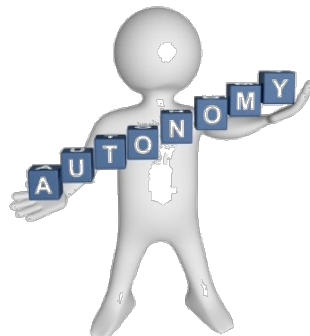
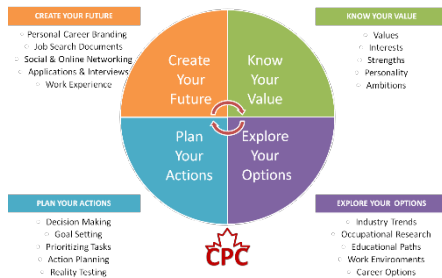
- Intervenções centradas na comunidade
- Maior valorização da ética e valores humanos
- Desenvolvimento das tecnologias em saúde
- Sociedades multiculturais
- Equipas de saúde multiculturais
- Equipas multidisciplinares e interdisciplinares
- Alinhamento de políticas e serviços
- Necessidades de saúde atuais – mudanças epidemiológicas
- Produção/desenvolvimento científica em massa



TENDÊNCIAS ATUAIS EM CONTEÚDO NA FISIOTERAPIA



Career Development Model



OBSERVAÇÕES FINAIS

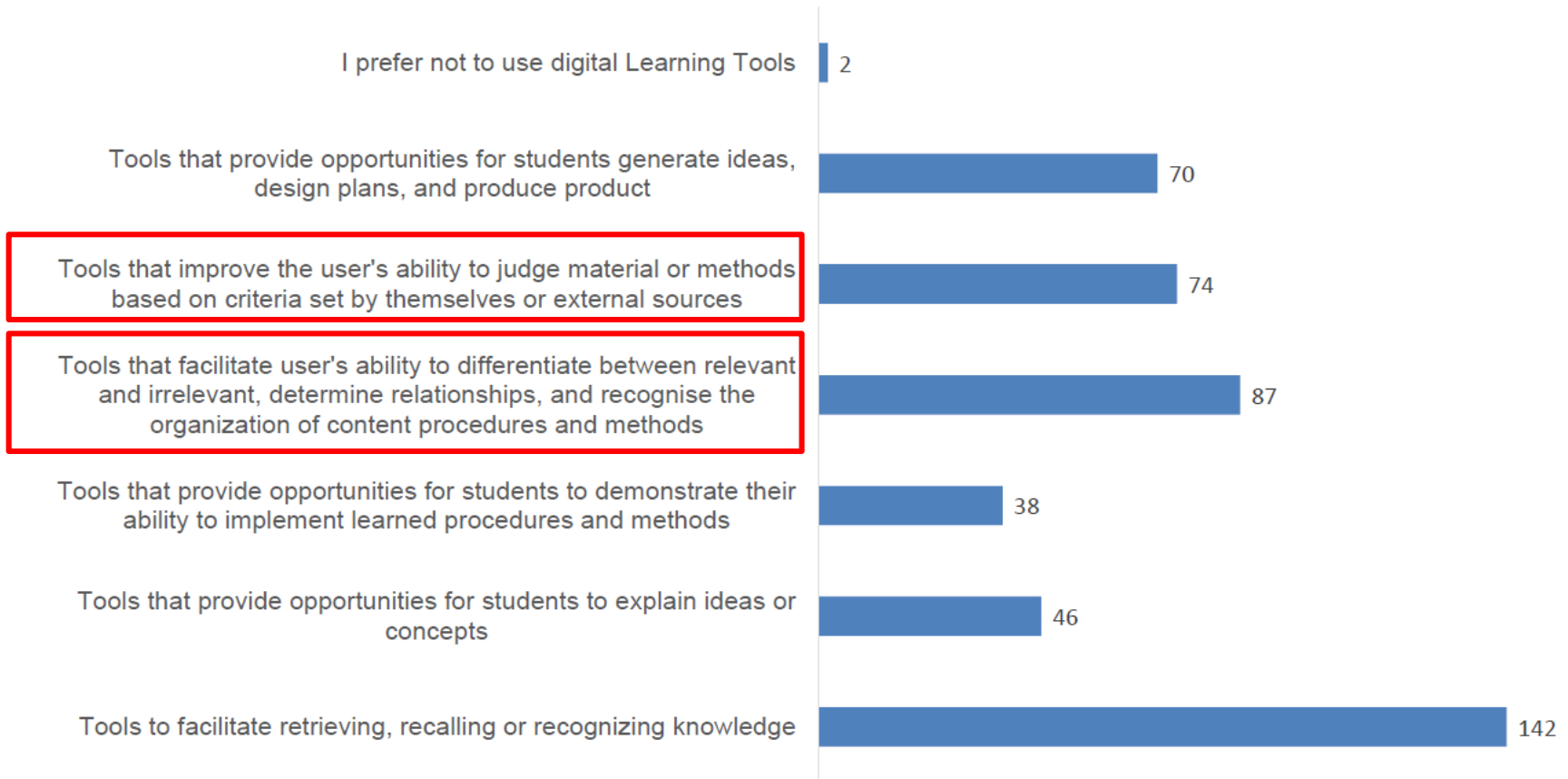


- Mais alinhados com as diretrizes CE, OMS e WCPT
- Estratégias de ensino mais inovadoras e eficazes
- Alunos/profissionais mais autónomos
- Alunos e docentes mais satisfeitos
- Serviços de Fisioterapia bem integrados no SNS
- Relação formal bilateral com a Associação de Fisioterapeutas
- Associação de Fisioterapeutas com poder regulador da profissão
- Alinhados com os outros profissionais de saúde

TIPO DE PROGRAMAS

- Bsc / Licenciaturas
 - 180, 210, 240 ECTS
 - Nacionais e internacionais
- Msc
 - 60, 90, 120 ECTS
 - Nacionais e internacionais
 - Multidisciplinares e especialidades
 - Reflexão científica
 - Áreas e não skills específicos
- Minors nacionais e internacionais
- Rígidos
- Flexíveis a partir do 3º ano

Tools used to facilitate learning



Assessment strategies

