

Literature about the role and the impact of pharmacists: perceptions of pharmacy students



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INTRODUCTION

► Limited exposure of pharmacy students to evidence about the role and impact of pharmacists do not contribute to stimulate prospective evaluation and participation of pharmacy students to such research.

OBJECTIVE

- ► Assess the exposure of pharmacy students about the literature on the role and impact of pharmacists.
- ► Assess the perception of students on evidence pharmacy practice.
- ➤ Assess opinion of students about the website Impact-Pharmacie, an international platform about such evidence developed by our research team.

METHOD

- ➤ We exposed a cohort of pharmacy students during a workshop at the Annual Congress of the International Pharmaceutical Students' Federation, held in Portugal 5th August 2014, to the literature on the role and impact of pharmacists.
- ➤ The website Impact-Pharmacie was used as support for the presentation. (http://impactpharmacie.org)
- ➤ We developed and pre-tested a questionnaire of 29 questions designed to explore students' exposure and perceptions about the literature on the role and impact of pharmacists.
- ➤ We administered the questionnaire on a voluntary basis and descriptive statistics were performed.

| IPSF World Congress 2014 - August 5th - IMPACT PHARMACIE23 - Pharmacy a good option!

Under the 60th IPSF world congress, we take advantage of your presence to better understand your perception about the data on the impact of pharmacists in health care. If you agree to participate in our survey, please answer the following questions IMMEDIATELY. Your answers will help us better understand your perception on the evidence in the field of health. A scientific article will be drafted from your anonymous data. Thank you for your participation.

Aurélie Guérin, Mylène Tisseyre, Jean-François Bussières - 5 August 2014

Country of study
| Demographics | () Man () Woman |
Age | In which year of pharmacy you are? | years |
In which area of pharmacy you study? (i.e. community pharmacy, hospital pharmacy, industry)

During your studies in pharmacy, how many scientific articles related to pharmacist? | () Aucun () 110-20 () Plus de 20

Have you ever read articles demonstrating the positive impact of pharmacy, how many scientific articles related to the impact of the pharmacy; have you read? | () 1-5 () 6-10 () 10-20 () Plus de 20 |

Louing your studies in pharmacy, how many scientific articles related to the impact of the pharmacist (ig all sources) have you read? | () 1-5 () 6-10 () 10-20 () Plus de 20 |

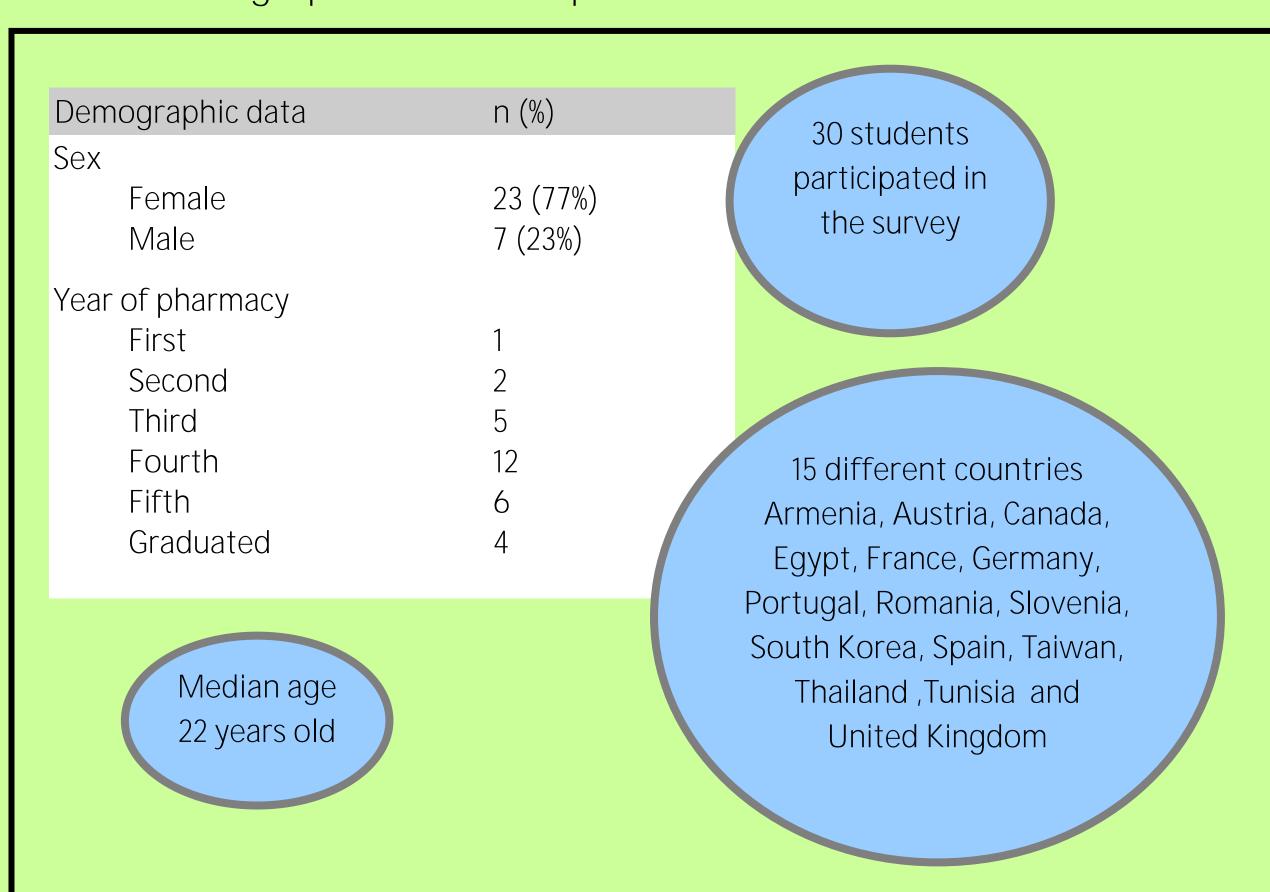
Louing your studies in pharmacy, how many scientific articles related to the impact of the pharmacist (ig all sources) have you read? | () 1-5 () 6-10 () 10-20 () Plus de 20 |

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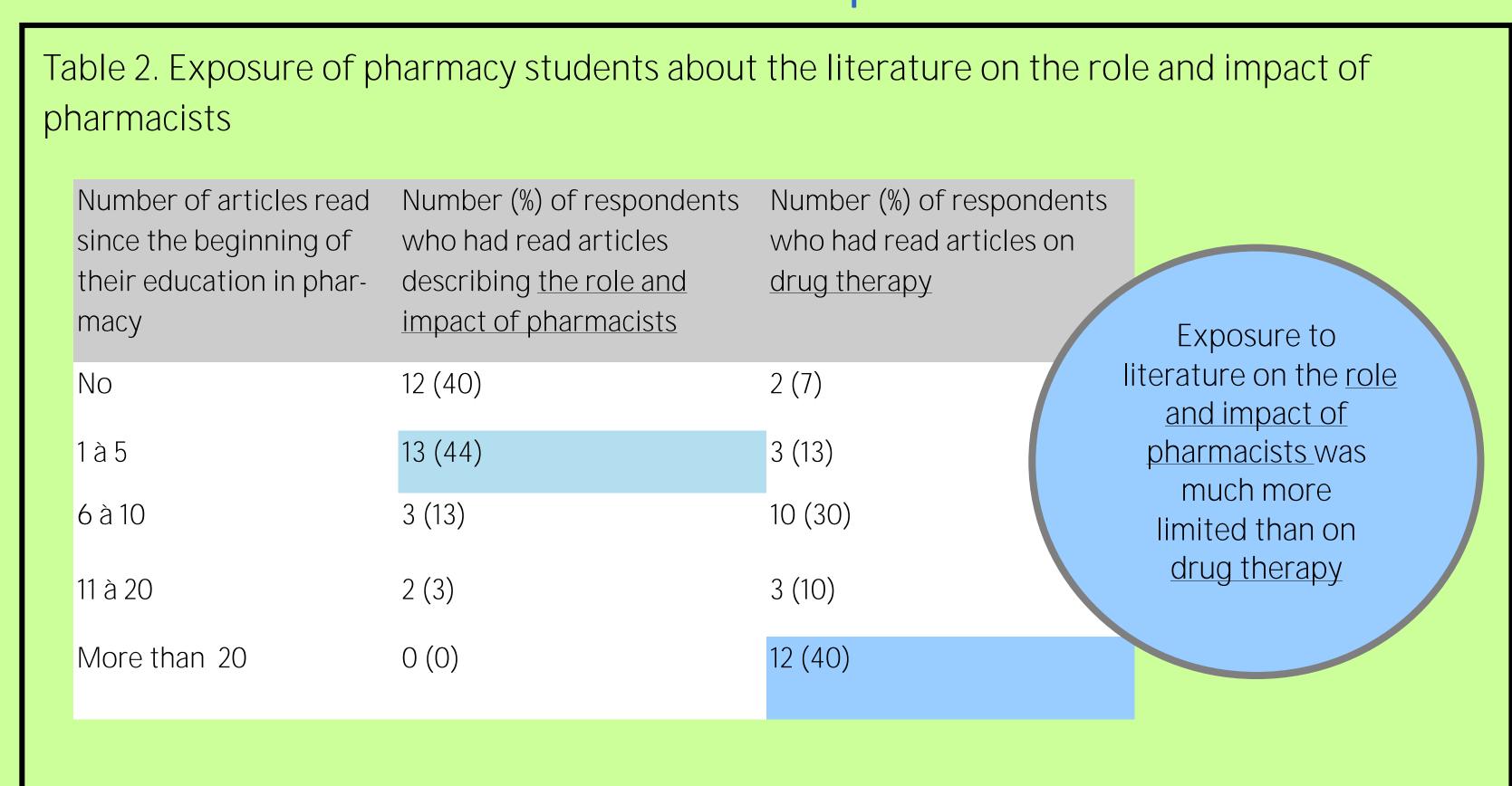
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Table 1. Demographic data of respondents



Literature exposure

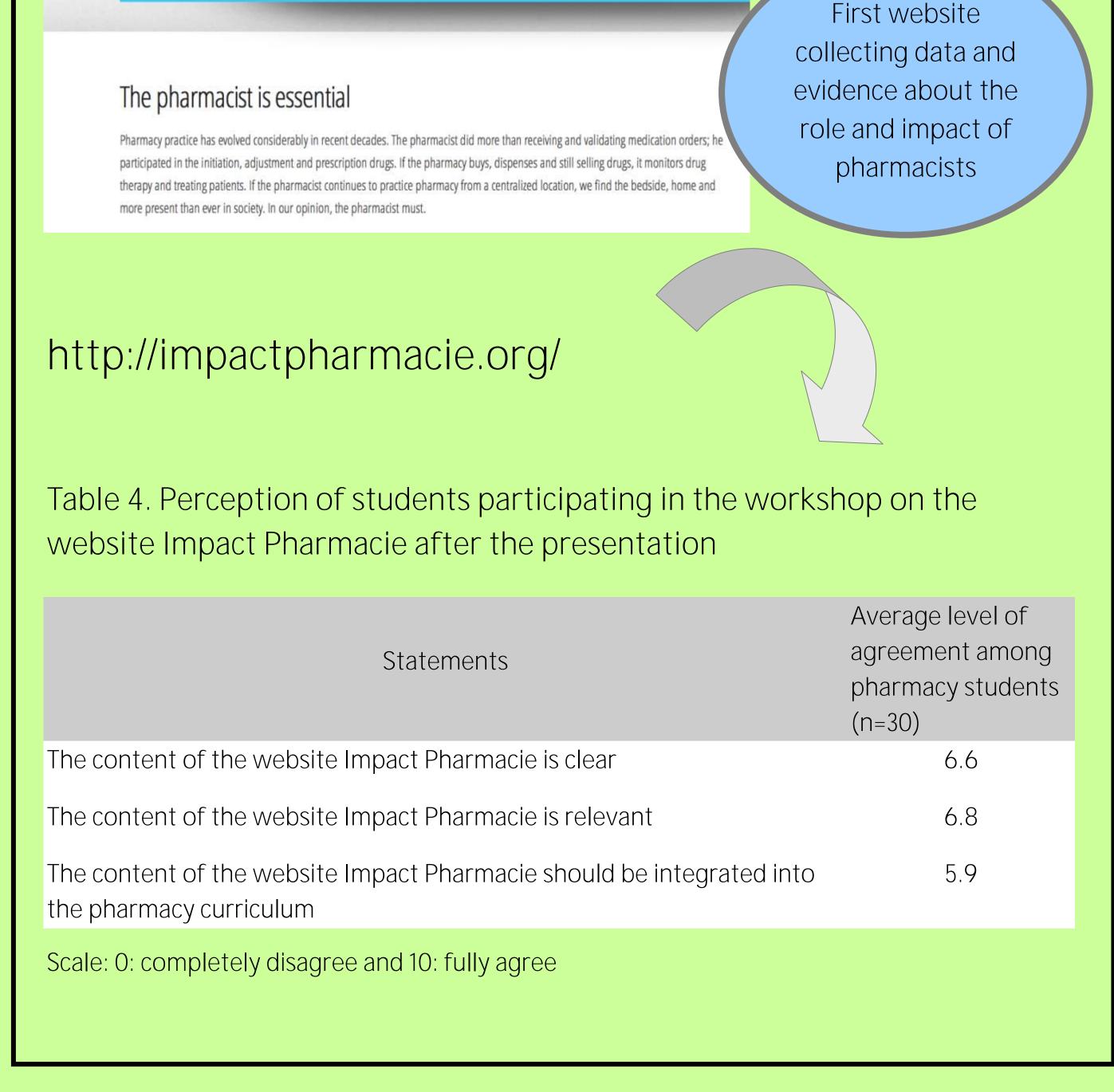


Perception on evidence pharmacy practice

Table 3. Perception of students participating in the workshop on evidence pharmacy	
practice.	Average level of
	· ·
Statoments	agreement
	among pharmacy
	students (n=30)
I think the exposure of a patient to scientific evidence (e.g. rate of lung cancer associated	` ,
with smoking) causes changes in attitude.	0.5
I think the exposure of a pharmacist to scientific evidence on the drug (e.g., a new article on the effectiveness of a statin) causes changes in practice.	7.8
I think the exposure of a pharmacist to scientific evidence on professional practice (e.g. a new article demonstrating the ability of pharmacists to significantly improve the HDL / LDL ratio) causes changes in practice.	7.3
I think the scientific evidence on the benefits of the practice of pharmacy are useful for the decision of the legislature to expand the practice of pharmacy.	7.3
I think the scientific evidence on the benefits of the practice of pharmacy are useful for managers to finance pharmaceuticals activities.	7.2
I think the scientific evidence on the benefits of the practice of pharmacy are useful for reimbursement decisions of pharmaceutical services.	7.1
I think the scientific evidence on the benefits of the practice of pharmacy are useful for reviewing the practices of pharmacists.	7.6
I think the scientific evidence on the benefits of the practice of pharmacy are useful to positively influence the perception of other professionals on pharmacists.	8.0
I think the scientific evidence on the benefits of the practice of pharmacy are useful to positively influence patients' perceptions of the role and scope of practice of pharmacy.	7.1
During my university training (including training), my teachings on pharmacotherapy systematically included evidence.	6.8
During my university training (including training), my teachings relating to the evaluation of professional practices systematically included scientific evidence.	6.4
I am able to find relevant scientific evidence to meet my practical issues.	6.8
I am able to achieve critical readings of articles (e.g. identify the objective to analyze the methodology, analyze the results, evaluate applicability) to meet my practical issues.	6.3

Scale: 0: completely disagree and 10: fully agree

Perception about the website Impact Pharmacie



CONCLUSION

Impact Pharmacy

- ➤ Pharmacy students have limited exposure to the literature on the role and impact of the pharmacist.
- ► Students' found the website Impact Pharmacie useful for the integration of this literature.