

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



Guérin A¹, Tisseyre M², Bussières JF^{1,3}

¹Pharmacy Department and Pharmacy Practice Research Unit (URPP), CHU Sainte-Justine, Montreal, Canada; ³Université of Grenoble, CHU de Grenoble, France;
³ Faculty of pharmacy, University of Montreal, Canada

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.

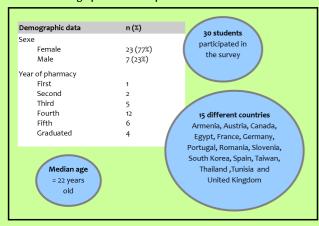
METHOD

➤ 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.

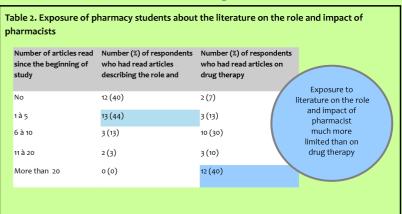
- ▶ The website Impact-Pharmacie served as support for the presentation.
- We have developed and pre-tested a questionnaire of 29 questions designed to explore students' exposure and perceptions about the literature on the role and impact of pharmacists.
- We administered the questionnaire on a voluntary basis and descriptive statistics were performed.

PSF World Congress 2014 - August 5th - IMPAC	T PHARMACIE23 - Pharmacy a good option!
on the impact of pharmacists in health care. If	
Country of study	
Demographics	()Man ()Weman
Age	
In which year of pharmacy you are?	years
In which area of pharmacy you study? (i.g. community pharmacy, hospital pharmacy, industry)	
During your studies in pharmacy, how many scientific articles related to pharmacotherapy (jg all sources) have you read?	() Ascun () 1-5 () 6-10 () 10-29 () 70-30 () 70-30
Have you ever read articles demonstrating the positive impact of pharmacist?	() Non () Oui
During your studies in pharmacy, how many scientific articles related to the impact of the pharmacist (jg all sources) have you read?	()Ascun ()1-5 ()6-10 ()19-20

Tableau 1. Demographic data of respondents



Literature exposure



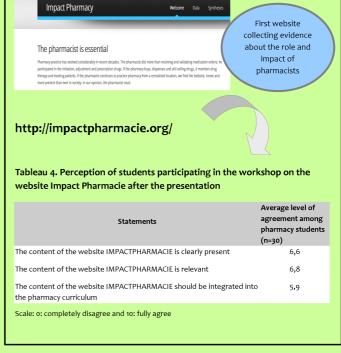
Perception on evidence pharmacy practice

Tableau 3. Perception of students participating in the workshop on evidence pharmacy

Statements	Average level of agreement among pharmacy students (n=30)
I think the exposure of a patient to scientific evidence (eg rate of lung cancer associated with smoking) causes changes in attitude .	6,3
I think the exposure of a pharmacist to scientific evidence on the drug (eg, 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 (eg 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
am able to find relevant scientific evidence to meet my practical issues.	6,8
I am able to achieve critical readings of articles (eg 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

- ► 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.