

Scaling up shared decision making to the general public through workshops in public libraries: A proof of concept



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August, 19th 2017

<http://decision.chaire.fmed.ulaval.ca/>



- Research results → little dissemination to general population
- Our research team (SDM) → dissemination projects
- Result from DECISION+⁽¹⁾ showed that SDM reduce overuse of antibiotics (AB)

Objectives

Demonstrate the feasibility of an exchange and dissemination activity for research results in public libraries

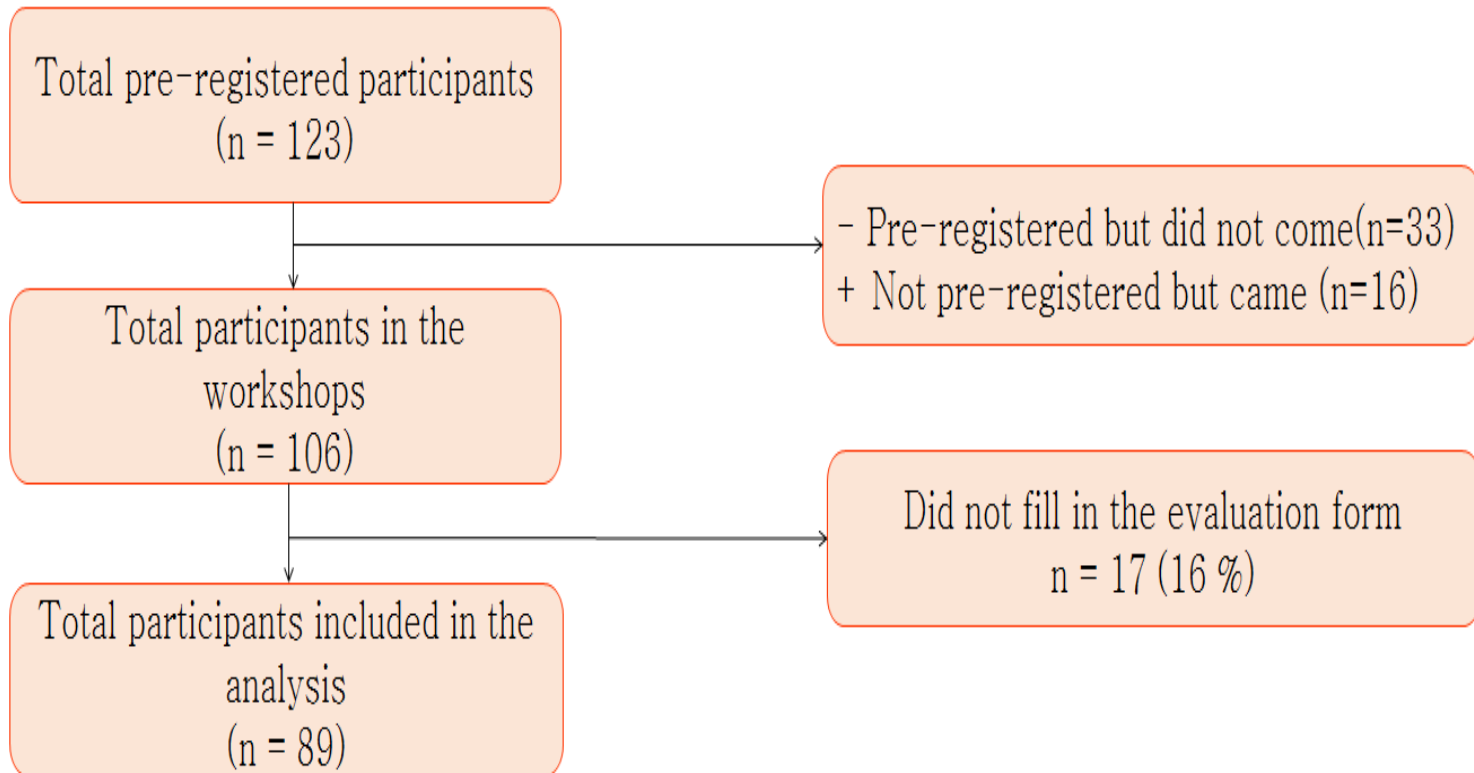
Methods

- **Study design:** mixed method study
- **Participants:** general public and workshop facilitators
- **Intervention**
 - Developed partnership with library network and a scientific communicator
 - Co-designed an 1.5h interactive workshop
 - Designed the workshop's content: Physician-facilitator
 - Recruited 10 physicians and advertised the event
- **Outcomes :** satisfaction and opinions – knowledge gain before/after workshop about SDM and AB

Data collection and analysis

- **Data collection in workshop participants**
 - Sociodemographics
 - Satisfaction
 - Knowledge about AB and SDM
 - Open ended questions (most liked/disliked, suggestions)
- **Data collection in workshop facilitators**
 - Open ended questions (most liked/disliked, suggestions)
- **Data analysis**
 - Descriptive statistics
 - T-test to compare the average gains in knowledge
 - Thematic analysis of qualitative material

Flow of study participants



Sociodemographics

	Number of participants (n=89)	Percentage (%)
Sex		
Women	69	77.6
Men	10	11.2
Missing data	10	11.2
Age (years)		
16-30	9	10.1
31-45	16	18.0
46-60	17	19.1
61-75	30	33.7
76+	6	6.7
Missing data	11	12.4
Occupation		
Retired	42	47.2
Full-time employed	14	15.7
Students	11	12.3
Part time employed	3	3.4
Unemployed	2	2.3
Missing data	17	19.1

Participants' satisfaction

Items	Participants' opinions*	
	Mostly don't agree	Mostly agree
Quality and relevance *		
Content adapted to lay audience	4 (4.5)	83 (93.2)
Clear information	0	88 (98.9)
Relevant content	1 (1.1)	84 (94.4)
Structure of activity		
Goals have been achieved	1 (1.1)	84 (94.4)
Time was sufficient	2 (2.3)	82 (92.1)
I participated actively	6 (6.7)	77 (86.5)
Documentation is useful	2 (2.3)	84 (94.4)
Facilitation		
Atmosphere conducive to exchange	2 (2.3)	86 (96.6)
Good complementarity between facilitators	2 (2.3)	85 (95.5)
Facilitators answered questions in a clear and practical way	1 (1.1)	84 (94.4)
Generally		
Workshop met my expectations	3 (3.3)	83 (93.3)
I would recommend this activity	3 (3.3)	84 (94.4)

N (would recommend this activity) represented) * Missing values explain the total number of participants in the table

Results

Change in knowledge

Score/10	Minimum	Maximum	Mean	Gain	95% CI gain
ATB _{before}	1.0	10.0	6.0	+2.4	2.0 - 2.8
ATB _{after}	5.0	10.0	8.4		
SDM _{before}	0.0	10.0	4.7	+4.0	3.4 - 4.5
SDM _{after}	3.0	10.0	8.7		

<.001

Gain (SDM) > Gain (ATB) - Relevance of the activity

Qualitative data

Workshop participants (general public)

- Appreciated the format and interactivity between the facilitators
- Time is not sufficient
- Target others public places

Workshop facilitators

- From 31 to 60 years
- Time devoted to this activity by the facilitators: 10h (median)
- Overall satisfied and suggested improvements (eg. Improve format with patients testimony, videos ...)
- Proposed that the workshop be longer
- Suggested more advertisement and diversification of public places

- Appreciated
- Improvement were suggested
- Next step: to perform a trial

Acknowledgements

Team members

- France Légaré
- Hubert Robitaille
- Valérie Borde
- Marie-Eve Saint Hilaire
- Alexandrine Boucher
- Diane Paquet
- Louisa Blair
- Matthew Menear
- Hervé Zomahoun

Collaborators

- Patrick Archambault
- Johanne Blais
- Cynthia Cameron
- Michel Cauchon
- Richard Fleet
- Jean-Simon Létourneau
- Michel Labrecque
- Julien Quinty
- Isabelle Samson