Development and Delphi validation of a Best Possible Medication History form

C. Hoornaert[1], S. Pochet[2], S. Lorent[3]

Camille Hoornaert, Clinical Pharmacist
Hôpital Erasme, Pharmacy Department
808, route de Lennik, 1070 Brussels, Belgium
camille.hoornaert@erasme.ulb.ac.be

Qualitative analysis per tab per round

Theme	Round 1 Frequency %	Round 2 Frequency %	Round 3 Frequency %
Tabs 1 : general information			
Add information about the patient's clinical condition	7%		
Add date	4%		
Add the function of the care provider	4%		
Add patient's name	4%		Included 2nd round
Add the name of the care provider	11%		
To clarify wording	7%	4%	
Move to the beginning of the document	14%		
Lack of space to write	7%		
Downsize		4%	
Tabs 2: medication			
Add treatment lines	14%		
Add an indication column	11%		Included 2nd round
Add an medication chronic and acute/on demand column	7%		
Lack of space to write	18%		
Tabs 3: home medication management			
To clarify wording	4%		Included 2nd round
Lack of space to write	7%		
Tabs 4: questions about medication			
Add a item	4%		Included 2nd round
To clarify wording	14%	13%	
Lack of space to write	4%	4%	
Tabs 5: allergies/side effects			
To clarify wording	11%		
Lack of space to write	4%		Included 1st round
Downsize	7%		
Tabs 6: medication adherence			
To clarify wording	4%		Included 1st round
Lack of space to write	11%		
Tabs 7 : remarks			
To clarify wording	4%		
Retain	7%		Excluded 1st round
To exclude	14%		

Qualitative analysis per item per round

Theme	Round 1 Frequency %	Round 2 Frequency %	Round 3 Frequency %
Item 1: medication chronic and acute/on demand			
To clarify wording	4%	13%	Included 2nd round
Lack of space to write	4%		
Item 2: lifestyle			
Retain		9%	
Exclude	14%	13%	Included 2nd round
To clarify wording	11%		
Repetitive		17%	
Item 3: sources			
Retain			35%
Exclude	11%	4%	
Add a proposed response	11%		
To clarify wording	25%	9%	
Move to the beginning of the document	7%		
Increased accuracy	7%		
Repetitive	25%	17%	20%
Item 4: sources table			
Add a proposed response	21%		
To clarify wording	11%	4%	Included 2nd round
Lack of space to write	7%		
Redondant	7%		
Item 5: medication			
To clarify wording	14%	4%	Included 2nd round
Lack of space to write	4%		
Item 6: dosage			
Add the notion of fasting	7%	9%	Included 2nd round
Item 7: remarks			
To clarify wording	11%		Included 2nd round
Lack of space to write	21%	22%	
Item 8: self-medication			
Retain		26%	
To clarify wording	18%		
Move in the medication therapy table	14%		Included 2nd round
Move in tabs 4	7%		
Lack of space to write	11%		
Repetitive		43%	
Item 9: medication management			

Add a proposed response "other"	7%			
Add a proposed response	21%			
To clarify wording	4%	4%		Included 2nd round
Reverse the relative and home nursing response proposal	11%			
Lack of space to write	4%			
Item 10: assistance in medication management				
Add a proposed response "pharmacist's medication regimen"	4%			
To clarify wording	36%			
Item 11: patients' personal treatment				
To clarify wording	36%			Included 2nd round
Move in tabs 2	4%			
Item 12: medication in the form of				
To exclude		4%		
Memory-aids/ checklist		9%		
Add a proposed response	21%			Included 2nd round
To clarify wording	29%	30%		
Repetitive	7%			
Item 13: medication for				
Exclude		9%		
Memory-aids/ checklist		13%		Included 2nd round
Add a proposed response	36%	4%		
To clarify wording	21%	35%		
Item 14: vaccination				
Retain			20%	
Add a item		4%		
To clarify wording			5%	Added 3nd round
Information difficult to collect from the patient			20%	
Information difficult to collect from the pharmacist			10%	
Item 15: change in your medication				
To clarify wording	11%			Included 2nd round
Justify the duration		4%		
Item 16: antibiotic				
To clarify wording	21%	4%		Included 2nd round
Justify the duration		4%		
Item 17: swallowing difficulties				
Move in tabs 3	4%			Included 2nd round
Group with item 18	4%			
Item 18: terms of use				
Retain			70%	
Exclude		17%		
Memory-aids/ checklist			15%	
Time-consuming			5%	

To clarify wording	25%	9%	5%
Lack of space to write	4%		

Item 19: allergies

To clarify wording		4%	Included 2nd round

Item 20: side effects

Exclude		4%	
To clarify wording	7%		Included 2nd round
Lack of space to write	4%		

Item 21: medication available to the hospital's formulary

To exclude	14%		
To clarify wording	25%	Excluded 1st round	
Reduce the column	21%		

Item 22: comments

Exclude	11%		
To clarify wording	14%	Excluded 1st round	
Lack of space to write	4%		

Item 23: ©Morisky Medication Adherence Scale

Retain			50%
Exclude		30%	
To clarify wording	7%		
EBM[1]		4%	
Lack of time	7%	4%	
Patient reluctance	7%	4%	

Layout of the document

Enlarge checkboxes		4%	
Create a computerized version			5%
Keep the double-sided format			35%
Lack of space to write	25%	9%	15%
Patient unable to complete BPMH		4%	30%
Use landscape format		9%	10%

[1]EBM : Evidence-Based Medicine