

Raising Public Awareness of AMR: How do we get the right message across?

Involving patients in IPC

... a captive audience with skin in the game

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Background

Poll 1

- Who do you think has a role in infection care?
 - Healthcare workers
 - Journalists/the media
 - Government
 - Non-governmental organisations
 - Schools and other institutions
 - Businesses
 - Individuals
 - Patients
 - Other, please specify: _____

Poll 2

- Should patients participate in their infection care?
 - Yes
 - No
 - I do not know
- Why do you think so? _____
- Your profession, please: _____



<https://www.imperial.ac.uk/arc/aspires/>

The ASPIRES study

Optimising antibiotic usage along surgical pathways: addressing antimicrobial resistance and improving clinical outcomes

Antibiotic use across **S**urgical **P**athways – **I**dentifying, **R**edesigning and **E**valuating **S**ystems



Imperial College
London



University of
Hertfordshire **UH**



Patient involvement Roles?

Surgical team						Roles and Responsibilities		Antimicrobial Stewardship Team			
Patient and carers	Surgical ward and theatre nurses	Intensive care doctors	Anaesthetists	Trainee surgeons	Senior surgeons			Pharmacists	Microbiology	Infectious Diseases doctors	Infection control nurses
			▲ ▲	▲	▲ ▲	Antibiotic prescribing	Pre & inter-operative				
			▲ ▲	▲	▲ ▲		Prescribe surgical prophylaxis				
			▲ ▲	▲	▲ ▲		Review prescribed prophylaxis				
							Post-operative				
							Diagnose the infection			▲	
							Send the culture				
							Check culture and sensitivity/ diagnostic results	● ●	▲ ▲	▲ ▲	●
							Prescribe therapeutic antibiotics		●	▲ ●	
							Review prescription duration	● ▲	● ▲	▲ ▲	
							Assess the appropriateness of therapy	● ●	● ▲	▲ ▲	
						Stop the therapeutic antibiotics	●	● ▲	● ▲		
						Infection prevention & control	Decision to remove lines			●	
							Actual removal of lines		●		●
							Hand hygiene	▲ ▲	▲ ▲	▲ ▲	▲ ▲
							Surgical wound care				●
							Using contact precautions	▲ ▲	▲ ▲	▲ ▲	▲ ▲

Hospital A ▲ denotes primary roles and responsibility
Hospital B ● denotes secondary roles and responsibilities with referral to seniors in the team/ID/Micro (this refers to consulting service provided to ICU and surgical teams)

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ELSEVIER

Original article

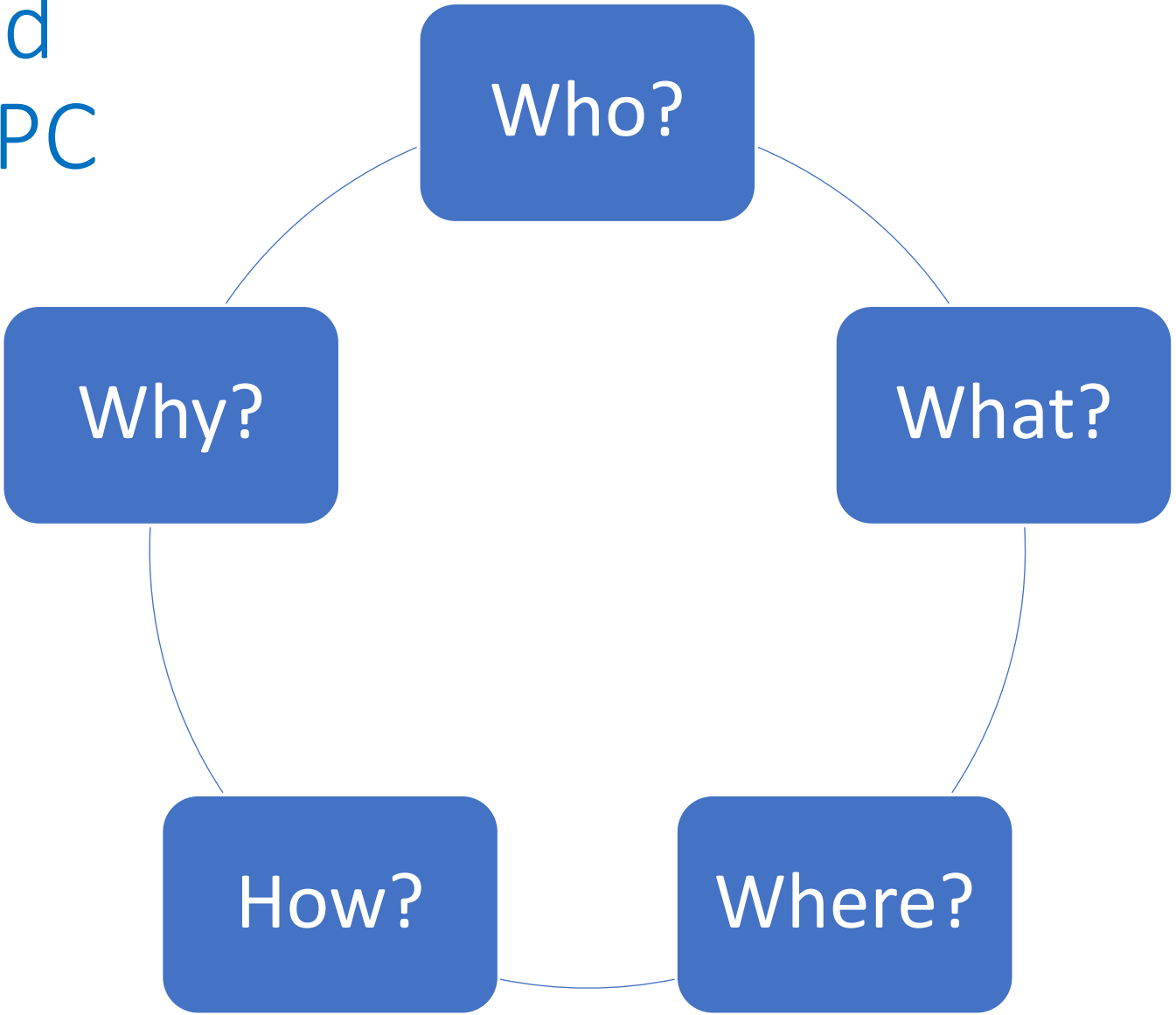
Investigating infection management and antimicrobial stewardship in surgery: a qualitative study from India and South Africa

Sanjeev Singh ^{1,†}, Marc Mendelson ^{2,†}, Surya Surendran ¹, Candice Bonaconsa ², Oluchi Mbamalu ², Vrinda Nampoothiri ¹, Adam Boutall ³, Mark Hampton ⁴, Puneet Dhar ⁵, Tim Pennel ⁶, Carolyn Tarrant ⁷, Andy Leather ⁸, Alison Holmes ⁹, Esmita Charani ^{9,*} on behalf of the ASPIRES co-investigators

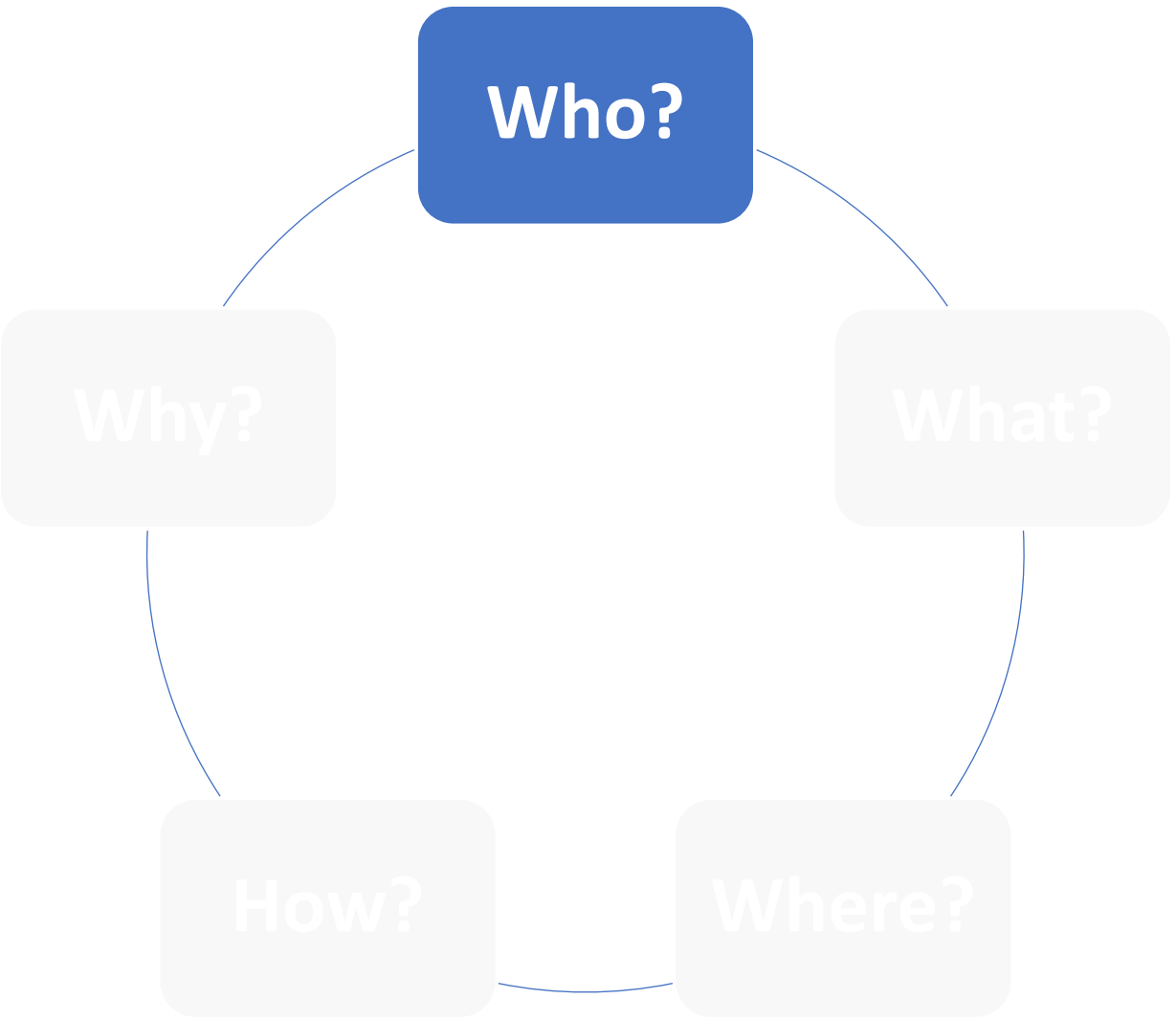
Possibilities for enhanced patient engagement in IPC

 Clarify

How to Break Down a Complex Patient Journey to Achieve Growth



Patient's role in IPC

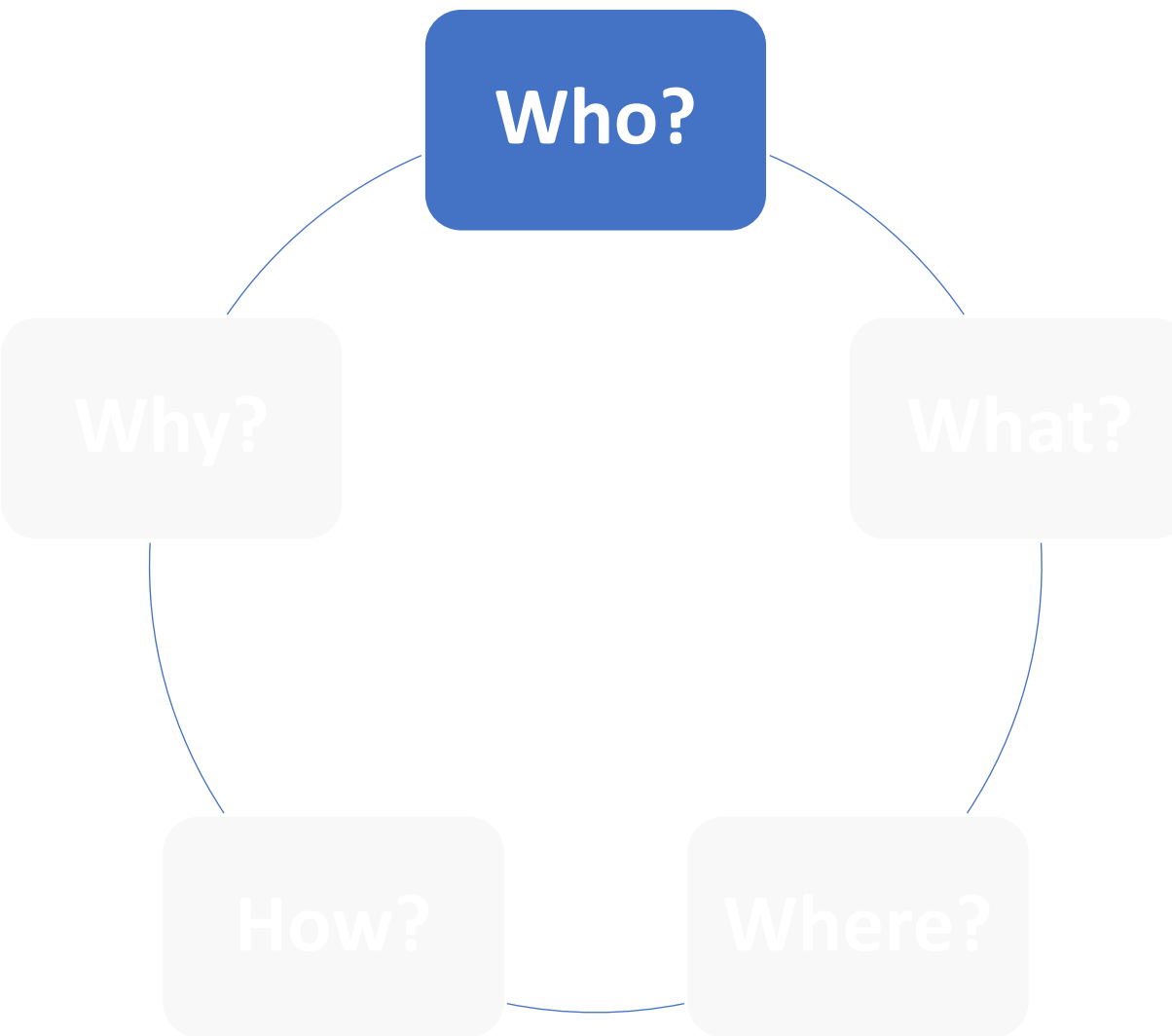


Who is a patient?

Why do patients need to get involved in IPC?

How do patients get involved in IPC?

Patient's role in IPC



Who is a patient?

Open access

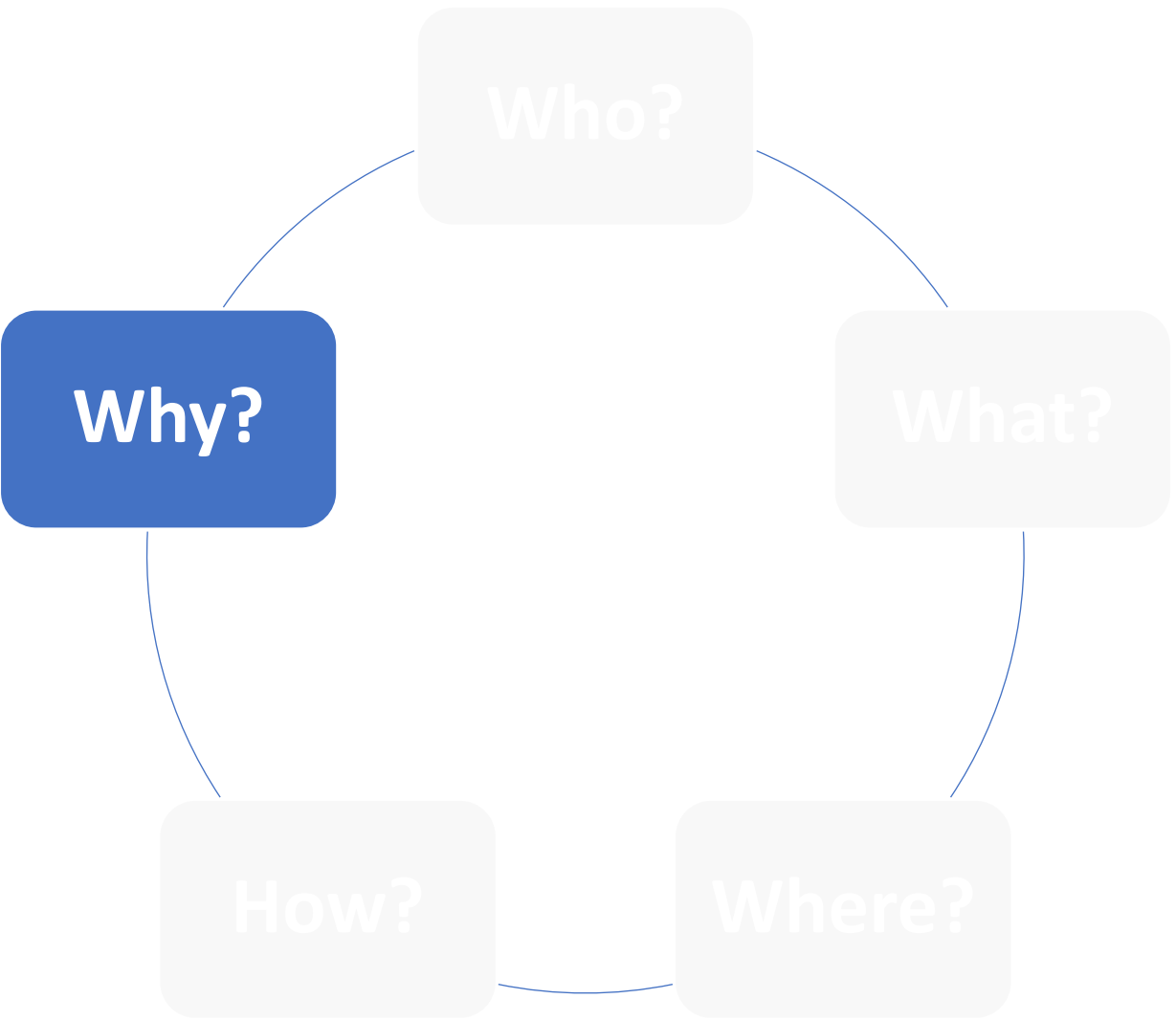
Research

BMJ Open Patient, client, consumer, survivor or other alternatives? A scoping review of preferred terms for labelling individuals who access healthcare across settings

Daniel S J Costa,^{1,2,3} Rebecca Mercieca-Bebber,^{1,4,5} Stephanie Tesson,^{1,5} Zac Seidler,^{1,5} Anna-Lena Lopez^{1,5}

BMJ Open: first published as 10.1136/bmjopen-2019-025400

Why?



Who is a patient?

Why do patients need to get involved in IPC?

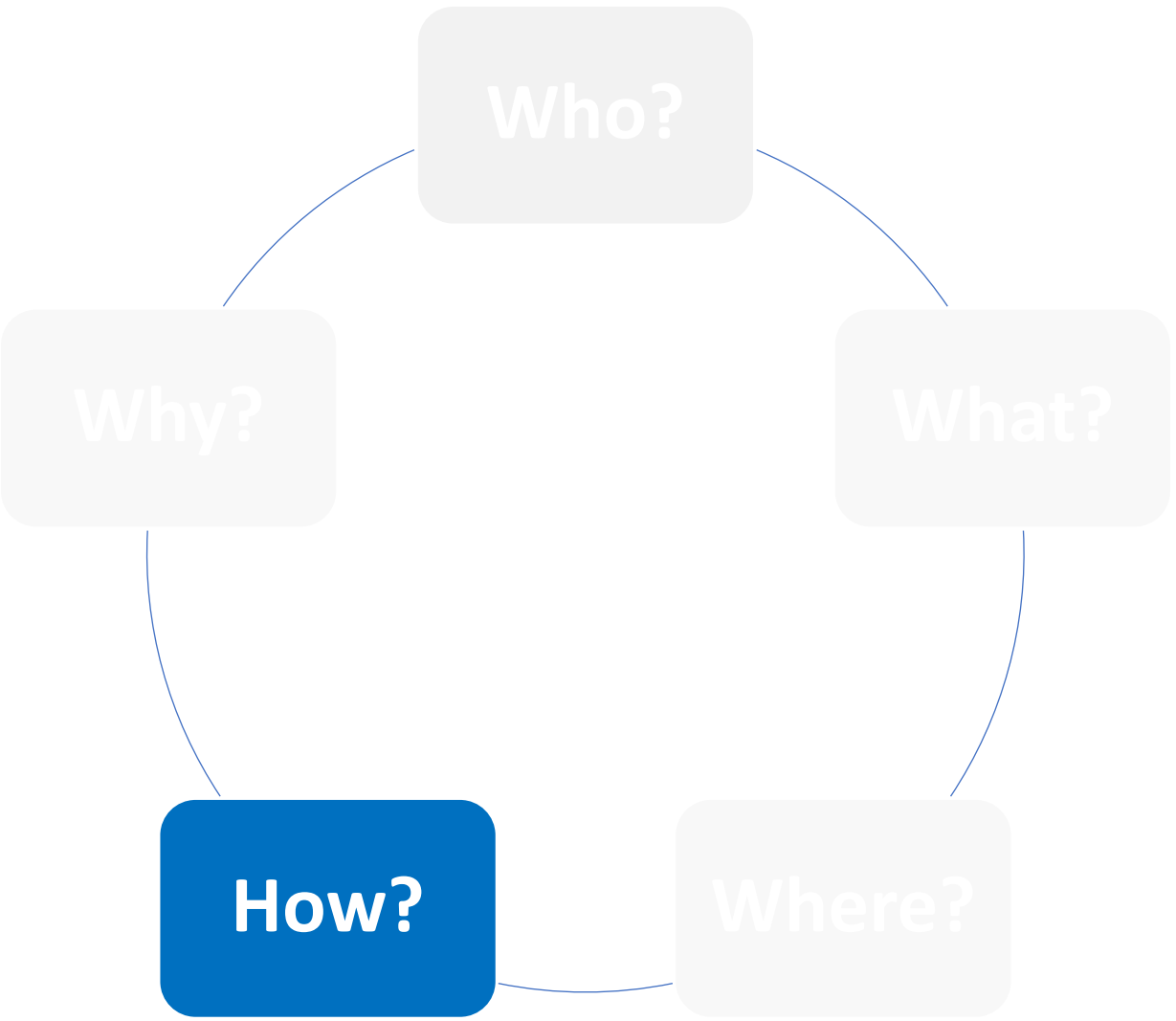
How do patients get involved in IPC?

Patients in infection care – Why?

- **Why is it important to involve patients and the public in infection care tasks?**
- Constant in healthcare pathway
- Infection risks to patients and the public
- Patients as:
 - Care recipients
 - Consumers of antimicrobials
- Patient/public knowledge of AMR



Patient's role in AMR



Who is a patient?

Why do patients need to get involved in IPC?

How do patients get involved in IPC?

Patient/public involvement

Roles? Levels? Barriers?

Open access Research

BMJ Open Patient involvement in the implementation of infection prevention and control guidelines and associated interventions: a scoping review

Heloise Fernandes Agrell,¹ Michael Murphy,¹ Sile Creedon,¹ Clíodhna Ní Bhuachalla,² Deirdre O'Brien,² Dinah Gould,³ Eileen Savage,⁴ Fiona Barry,⁵ Jonathan Drennan,¹ Maura P Smiddy,⁵ Sarah Condell,⁶ Sinead Horgan,⁷ Siobhan Murphy,⁸ Teresa Wills,¹ Aileen Burton,¹ Josephine Hegarty⁴

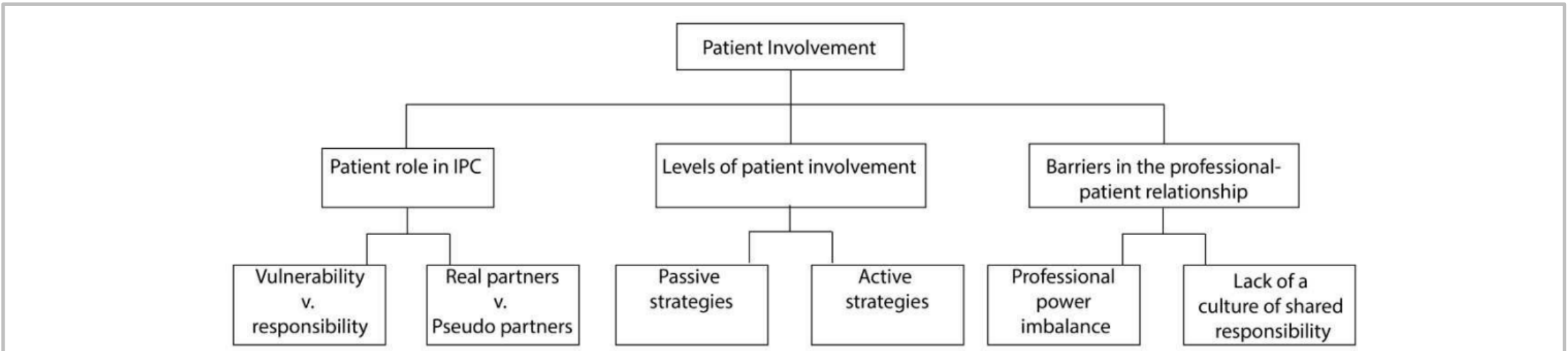


Figure 4 Thematic map highlighting the overarching theme (patient involvement in the implementation of infection prevention and control (IPC) guidelines and associated interventions) and subthemes of analysis.

Patient/public involvement

Roles? Levels? Barriers?

Open access Research

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ORIGINAL RESEARCH PAPER

WILEY

Making infection prevention and control everyone's business? Hospital staff views on patient involvement

Elizabeth Sutton BSc, MSc, Research Associate¹ | Liz Brewster PhD, Lecturer² |
Carolyn Tarrant PhD, Associate Professor¹

of a
shared
ability

of infection prevention

Figure 1. Thematic map highlighting the overarching theme (patient involvement in the implementation of infection prevention and control (IPC) guidelines and associated interventions) and subthemes of analysis.

Where?



Where?

Example: Healthcare visit

- **Visit 1:** Antibiotic 1
- **Visit 2:** Antibiotic 1 (longer duration)
- **Visit 3:** Antibiotic 2
- **Visit 4:** Antibiotic 3

Acknowledgment

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Thank you for listening

- Questions?
- Comments?



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