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Theoretical exploration of development and implementation of antimicrobial stewardship programmes in hospitals in the United Arab Emirates: a qualitative study of the perspectives of key stakeholders and health professionals

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Introduction

Antimicrobial Resistance (AMR) has been declared as a public health emergency and has led to the Antimicrobial Stewardship establishment of Programmes (ASP) to enhance prudent use of antimicrobials [1]. In the United Arab Emirates (UAE), ASP has been mandated by some health authorities; yet few studies report ASP implementation in UAE [2].

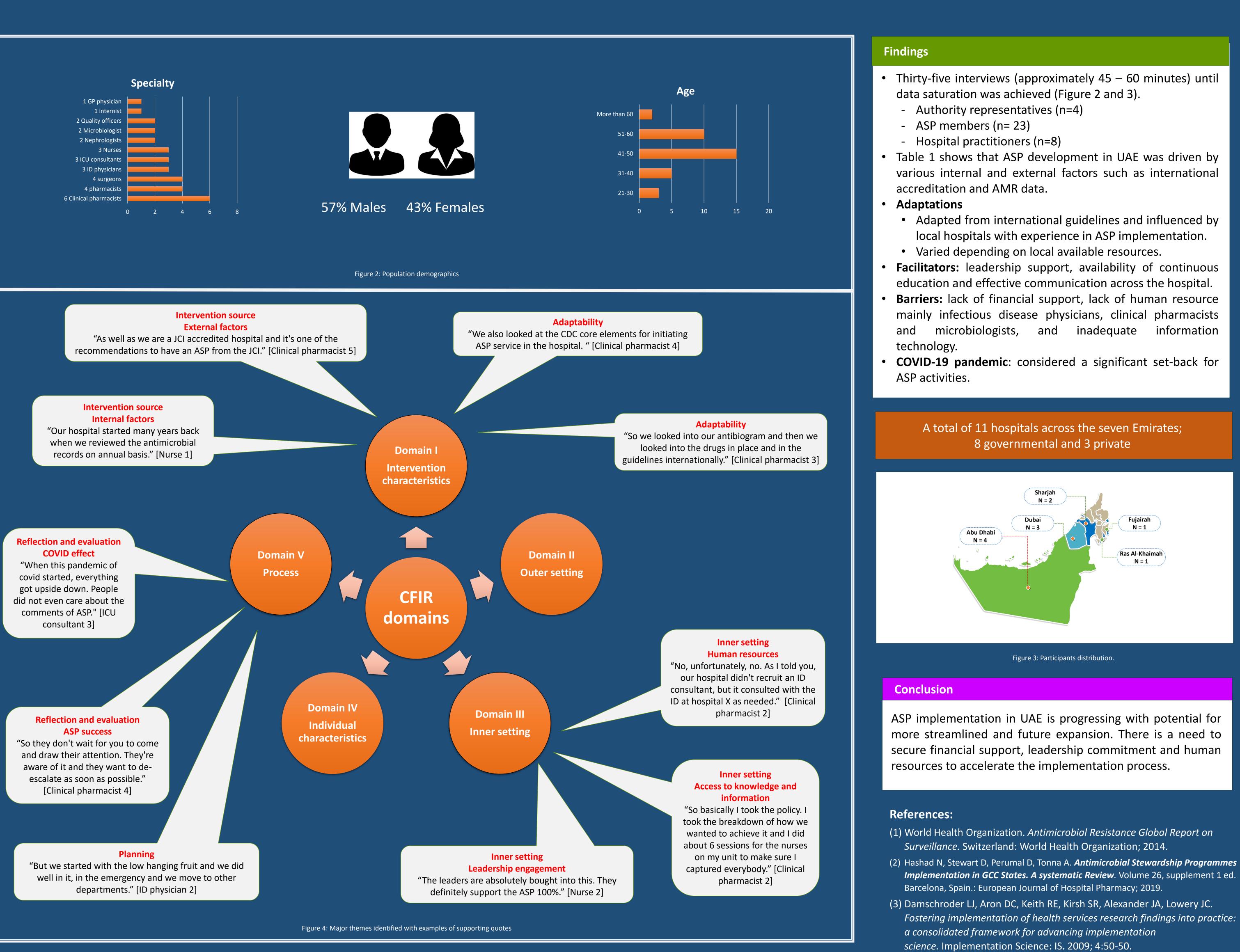
Aim

The aim of this study is to explore ASP development and implementation in hospitals in UAE and to enable characterization of key facilitators, barriers and solutions at the level of both healthcare providers and key stakeholders.

Method

- A phenomenological qualitative approach was adopted
- Participant recruitment was via purposeful and sampling. Local snowball health authority ASP members and representatives, and practitioners in hospitals, participated via semistructured interviews.
- Interview schedule was developed and piloted based on available literature and grounded in the Consolidated Framework for Implementation Research (CFIR) (Figure 1) [3].
- Interviews were conducted remotely, audio recorded, transcribed and independently analyzed by two researchers based on CFIR framework.

IN	ITERVENTION		Consolidat FIR JTER SETTING	amework for Imp	CHARACTERISTICS					
CH	CHARACTERISTICS						OF INDIVIDUALS		PROCESS	
А. В.	Intervention Source Evidence	А. В.	Patient Needs & Resources Cosmopolitan	Α.	Structural Characteristi cs	Α.	Knowledge & Beliefs about the	А. В. С.	Planning Engaging External	
	Strength & Quality	C.	ism Peer Pressure	В.	Networks & Communicat	В.	Intervention Self-efficacy		Change Agents	
C.	Relative Advantage	D.	External Policy &	C.	ions Culture	C.	Individual Stage of	D. E.	Executing Reflecting &	
D.	Adaptability		Incentives	D.	Implementa	_	Change		Evaluating	
E. F.	Trialability Complexity			E.	tion Climate Readiness	D.	Individual Identification			
G.	Design Quality & Packaging			ς.	for Implementa		with Organization			
H.	Cost				tion	E.	Other Personal Attributes			





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