

Supplementary 3 Elements of the four primary themes structured in the adapted taxonomy^[1]

Category ^[1]	Details of category ^[1]	Element of primary theme	Primary theme
Predisposing factors	Patient characteristics	Patients' communication skills	Communication and interaction
		Patients' positive attitude for involvement in SDM	Communication and interaction
		Complicating patient characteristics	Communication and interaction
		Passive patient role	Communication and interaction
	Decision characteristics	-	
Interactional context factors	Power (im)balance in the patient-clinician relationship	Roles for patients and professionals	The concept of SDM
		Informal caregivers' interest in decision-making	Communication and interaction
		Informal caregivers' help in processing information	Communication and interaction
	Interpersonal characteristics of the clinician	Informal caregivers' leading position	Communication and interaction
		Professionals showing commitment	Communication and interaction
	Trust	Communication techniques	Communication and interaction
Preparation for a SDM encounter	Perceived need for preparation	Professionals expressing empathy	Communication and interaction
		Definition of SDM	The concept of SDM
	Expectation of outcome of being involved in SDM	Aim of SDM Effects of SDM	The concept of SDM The concept of SDM
Preparation for the SDM process	Providing information about options	Patients' knowledge of treatment options	Knowledge
		Increase of patient knowledge	Knowledge
		Professionals' knowledge of patients' goals and preferences for health improvement	Knowledge

		Increase of professional knowledge	Knowledge
	Terminology used by HP's	-	
	Decision support	-	
Social context	View of colleagues	-	
	Culture of network	-	
	Collaboration	Interdisciplinary collaboration	Implementation of SDM
	Leadership and social learning	Lack of attention for professionals' communication	Communication and interaction
Organisational context	Organisational characteristics	Collaboration in the pathway for severe AS	Implementation of SDM
	Capacities	-	
	Organisational constraints	Time constraints	Implementation of SDM
		Available information for heart team	Implementation of SDM
Economic and political context	Policy	Patient empowerment	Implementation of SDM
		Re-imburement criteria for treatment	Implementation of SDM

AS aortic stenosis

HP health professional

SDM shared decision making

1 Pel-Littel RE, Snaterse M, Teppich NM, et al. Barriers and facilitators for shared decision making in older patients with multiple chronic conditions: a systematic review. *BMC Geriatr.* 2021;21:112-021-02050-y.