

S2 Table. Types of network ties

Types of ties	Words included					
Advice/mentoring	Advice	Advice seeking	Mentee-mentor relationships			
Information and knowledge exchange/sharing/transfer	Information exchange	Knowledge sharing	Information sharing	Knowledge exchange	knowledge transfer	Influence
Communication/discussion	communication	Discussion	Supportive supervision	Email communication	Patterns of team interaction	
Two-mode networks	Affiliation	Individual affiliation to surgical cases	Shared benefactors	2-mode network of forum users by discussion threads	2-mode networks of professionals by services provided	
Coordination/collaboration	Coordination	Cooperation	Collaboration			
Problem solving	Problem solving	Problem solving				
Patient sharing/referrals	Patient-sharing physicians peer groups	Patient-related contacts	Referrals			
Physical contact/interaction	Physical contact or interaction	Face-to-face				
Professional/work relationships	Professional interaction	Work related interactions	Partner Familiarity	Working relationships	Professional interactions	
Personal and social support	Social Support	Mutual support	Mutual understanding	Socialization	Friendship	Personal support