

Measure #43. Jefferson Scale of Attitudes Toward Physician-Nurse Collaboration

CARE COORDINATION MEASURE MAPPING TABLE

	MEASUREMENT PERSPECTIVE		
	<i>Patient/Family</i>	<i>Health Care Professional(s)</i>	<i>System Representative(s)</i>
CARE COORDINATION ACTIVITIES			
Establish accountability or negotiate responsibility		■	
Communicate		□	
<i>Interpersonal communication</i>		□	
<i>Information transfer</i>			
Facilitate transitions			
<i>Across settings</i>		□	
<i>As coordination needs change</i>			
Assess needs and goals		□	
Create a proactive plan of care			
Monitor, follow up, and respond to change			
Support self-management goals			
Link to community resources			
Align resources with patient and population needs			
BROAD APPROACHES POTENTIALLY RELATED TO CARE COORDINATION			
Teamwork focused on coordination		□	
Health care home			
Care management			
Medication management			
Health IT-enabled coordination			

Legend:

- = ≥ 3 corresponding measure items
- = 1-2 corresponding measure items

Jefferson Scale of Attitudes Toward Physician-Nurse Collaboration

Purpose: To evaluate the effectiveness of programs developed to foster physician-nurse collaboration and to study group differences on attitudes toward inter-personal collaboration.

Format/Data Source: 15-item survey that addresses 5 areas of physician-nurse interaction: (1) authority, (2) autonomy, (3) responsibility for patient monitoring, (4) collaborative decisionmaking, and (5) role expectations.

Date: Measure published in 1999.¹

Perspective: Health Care Professional(s)

Measure Item Mapping:

- **Establish accountability or negotiate responsibility:** 4, 13-15
- **Communicate:**
 - *Within teams of health care professionals:* 6
 - Interpersonal communication:
 - *Within teams of health care professionals:* 11
- **Facilitate transitions:**
 - Across settings: 6
- **Assess needs and goals:** 8
- **Teamwork focused on coordination:** 1

Development and Testing: Survey items were first developed based on a review of the literature. Construct validity of survey established by the consistency of the extracted factor structure of the survey. The alpha reliability estimates of the scale for medical and nursing students were 0.84 and 0.85.¹ Reliability coefficients were also high when testing was conducted in different countries (0.70 for nurses in Israel and Italy and 0.86 for physicians Mexico).²

Link to Outcomes or Health System Characteristics: None described in the sources identified.

Logic Model/Conceptual Framework: None described in the sources identified.

Country: United States, Israel, Italy, Mexico

Past or Validated Applications*:

- **Patient Age:** Not Applicable
- **Patient Condition:** Not Applicable
- **Setting:** Not Setting Specific

*Based on the sources listed below and input from the measure developer.

Notes:

- All instrument items located in Table 1 of the source article.¹

- This instrument contains 15 items; 9 were mapped.
- This instrument is a modified version of the original Jefferson Survey of Attitudes Toward Physician-Nurse Collaboration.³

Sources:

1. Hojat M, Fields SK, Veloski J, et al. Psychometric properties of an attitude scale measuring physician-nurse collaboration. *Eval Health Prof* 1999; 22:208-20.
2. Hojat M, Gonnella JS, Nasca TJ, et al. Comparisons of American, Israeli, Italian, and Mexican physicians and nurses on the total and factor scores of the Jefferson Scale of Attitudes toward Physician-Nurse Collaborative Relationships. *Int J Nurs Stud* 2003; 40:427-435.
3. Hojat M, Herman MW. Developing an instrument to measure attitudes toward nurses: Preliminary psychometric findings. *Psychol Rep* 1985; 56:571-79.
4. Ward J, Schaal M, Sullivan J, et al. The Jefferson Scale of Attitudes toward Physician-Nurse Collaboration: A study with undergraduate nursing students. *J Interprof Care* 2008; 22(4):375-86.
5. Hojat M, Nasca TJ, Cohen MJM, et al. Attitudes toward physician-nurse collaboration a cross-cultural study of male and female physicians and nurses in the United States and Mexico. *Nurs Res* 2001; 50:123-128.
6. Hojat M, Fields SK, Rattner SL, et al. Attitudes toward physician-nurse alliance: Comparisons of medical and nursing students. *Acad Med* 1997; 1072:s1-s3.