

Supplementary Table S3. Perceptions of Telemedicine Among Providers at a Critical Access Hospital by Specialty Type

	IMPACT ON PATIENT CARE						FREQUENCY OF TM USE						PREVENTED INTER-HOSPITAL TRANSFERS					
	FM	EM	SURGERY	OTHER	P-VALUE		FM	EM	SURGERY	OTHER	P-VALUE		FM	EM	SURGERY	OTHER	P-VALUE	
Adult critical care	52.0 (25.0-71.5)	59.5 (48.5-83.0)	28.5 (13.0-63.5)	61.0 (19.0-83.0)	0.620		21.0 (6.0-48.5)	38.5 (29.5-48.0)	1.0 (1.0-18.0)	17.0 (4.0-60.0)	0.250		15.0 (3.0-48.0)	20.5 (8.0-41.0)	8.5 (2.5-26.0)	17.5 (1.0-45.0)	0.806	
Cardiology	62.0 (50.0-77.5)	60.5 (41.0-76.0)	32.0 (18.5-44.5)	67.0 (52.0-81.0)	0.159		51.0 (26.0-75.0)	31.0 (22.0-71.5)	2.0 (1.0-65.0)	45.0 (2.0-82.0)	0.469		-	-	-	-	-	
Cardiology (EKG only)	67.0 (27.0-80.0)	59.0 (49.0-75.0)	67.0 (51.0-87.5)	84.0 (42.0-86.0)	0.719		35.5 (15.5-75.0)	31.5 (22.5-78.0)	53.0 (2.0-80.0)	79.0 (7.0-94.0)	0.966		17.0 (2.5-29)	16.5 (6.5-34.5)	46.5 (23.5-56.0)	24.5 (2.0-62.0)	0.556	
Dentistry/oral surgery	17.0 (5.0-41.0)	20.0 (11.0-34.5)	15.0 (12.0-29.0)	14.0 (7.0-58.0)	0.953		11.0 (5.0-28.5)	12.5 (3.0-40.5)	2.0 (1.0-20.0)	8.0 (2.0-78.0)	0.610		-	-	-	-	-	
Dermatology	66.0 (28.0-76.0)	14.5 (12.0-72.5)	62.5 (39.0-77.0)	52.0 (13.0-80.0)	0.516		43.5 (18.5-55.5)	16.5 (9.5-39.5)	5.10 (19.0-73.0)	38.0 (10.0-62.0)	0.585		4.0 (2.0-10.0)	4.0 (0.5-15.5)	43.0 (10.0-65.0)	7.0 (2.0-50.0)	0.259	
EM	28.0 (12.0-73.0)	66.0 (28.5-84.5)	76.0 (57.0-85.0)	68.0 (40-93.0)	0.261		19.0 (4.0-39.0)	48.0 (25.0-53.5)	2.0 (1.0-52.0)	28.0 (5.0-50.0)	0.187		28.0 (3.0-56.0)	32.0 (18.0-49.0)	40.5 (23.5-47.0)	10.0 (1.0-50.0)	0.577	
Neurology (nonstroke)	64.0 (42.0-75.0)	70.5 (55.0-80.5)	76.0 (60.0-84.0)	73.0 (56.0-88.0)	0.533		50.5 (19.5-65.0)	46.0 (24.5-65.0)	3.0 (1.0-53.0)	41.0 (30.0-73.0)	0.531		27.0 (3.0-56.5)	35.0 (23.0-65.5)	11.5 (1.0-43.0)	25.0 (20.0-50.0)	0.604	
Neurology (stroke)	68.0 (52.0-82.0)	70.5 (63.0-88.0)	76.0 (28.0-92.0)	61.0 (9.0-91.0)	0.772		26.0 (10.0-67.5)	45.5 (27.0-63.0)	2.0 (1.0-51.0)	37.0 (2.0-92.0)	0.454		21.5 (6.0-59.0)	12.5 (4.0-35.0)	1.0 (0.5-33.0)	19.5 (18.0-22.0)	0.237	
Neurosurgery	27.0 (9.5-47.5)	36.5 (13.0-58.0)	33 (17.5-69.5)	55.0 (40-77.0)	0.780		16.0 (5.0-35.5)	20.0 (7.5-44.0)	2.0 (2.0-50.0)	25.0 (3.0-59.0)	0.688		10.0 (4.0-29.0)	4.0 (0.0-24.5)	46.5 (21.5-56.0)	13.5 (2.0-23.0)	0.303	
Obstetrics and gynecology	33.5 (16.0-58.0)	29.0 (15.0-34.0)	73 (62.0-78.0)	67.0 (11.0-78.0)	0.076		24.5 (10.5-50.5)	22.0 (16.0-30.0)	67.0 (27.0-70.0)	6.0 (2.0-78.0)	0.733		-	-	50.0 (-)	-	-	
Ophthalmology	24.0 (15.5-47.0)	62.0 (22.0-81.0)	36.5 (20.5-49.0)	29.0 (8.0-60.0)	0.380		18.0 (7.0-38.5)	30.5 (22.5-68.5)	26.0 (1.5-50.0)	3.0 (2.0-51.0)	0.311		6.5 (3.0-21.0)	22.0 (10.5-44.5)	25.0 (5.5-46.0)	16.5 (2.0-30.0)	0.488	
Orthopedics	50.5 (21.5-75.0)	49.0 (14.5-82.5)	49.5 (36.5-63.0)	71.0 (20-88.0)	0.964		43.0 (16.0-64.5)	41.5 (18.5-53.5)	49.0 (24.5-57.5)	58.0 (1.0-82.0)	0.962		-	-	-	-	-	
Otolaryngology	25.0 (12.0-34.0)	60.5 (33.5-72.0)	61.0 (40.0-78.5)	59.0 (17.0-87.0)	0.189		16.5 (4.0-41.0)	33.0 (14.5-63.0)	25.0 (0.5-62.0)	30.0 (2.0-49.0)	0.620		5.5 (3.0-17.5)	26.0 (9.0-48.5)	29.0 (4.0-51.0)	26.0 (11.0-38.0)	0.188	
Pediatrics	27.0 (15.0-50.0)	26.0 (10.0-78.0)	74.0 (58.0-78.0)	52.0 (2.0-68.0)	0.136		25.5 (15.5-53.0)	34.0 (23.5-50.0)	54.0 (3.0-55.0)	26.0 (3.0-47.0)	0.925		-	-	-	-	-	
Pediatric critical care/EM	48.0 (17.0-73.0)	74.5 (40.5-84.0)	62.0 (50.0-76.0)	32.0 (2.0-70.0)	0.199		28.0 (4.5-48.0)	41.5 (20.0-76.5)	50.0 (2.0-83.0)	17.0 (2.0-49.0)	0.464		16.5 (4.5-39.5)	15.5 (9.0-26.5)	3.0 (1.0-7.0)	17.5 (3.0-30.0)	0.282	
Pharmacy (clinical support)	42.0 (23.0-74.0)	39.0 (10.0-61.0)	65.0 (55.0-75.0)	53.0 (8.0-85.0)	0.379		27.5 (8.5-50.5)	19.5 (16.0-40.0)	38.0 (17.0-51.0)	30.0 (15.0-63.0)	0.942		5.0 (3.0-12.5)	7.5 (1.0-30.5)	42.0 (2.0-63.0)	18.0 (2.0-30.0)	0.699	
Pharmacy (remote review/verification)	26.0 (7.0-60.0)	23.5 (8.0-62.5)	74.0 (64.0-87.0)	53.0 (7.0-86.0)	0.113		12.5 (7.0-44.5)	19.0 (6.0-49.0)	50.0 (	52.0 (3.0-72.0)	0.394		5.0 (2.5-9.0)	5.5 (1.0-28.0)	42.0 (2.0-58.0)	18.5 (2.0-31.0)	0.462	
Psychiatry	87.0 (78.0-91.0)	93.5 (85.0-96.0)	79.0 (76.0-86.0)	92.0 (52.0-97.0)	0.257		73.5 (63.0-88.5)	85.5 (64.0-94.0)	50.0 (3.0-82.0)	76.0 (35.0-92.0)	0.382		55.0 (30.0-76.0)	63.0 (37.0-74.5)	30.0 (18.0-50.0)	39.0 (31.0-47.0)	0.230	
Trauma/emergency general surgery	41.0 (11.5-56.0)	48.5 (28.0-88.5)	50.0 (47.0-61.5)	58.0 (27.0-87.0)	0.390		26.0 (5.5-52.0)	38.5 (21.5-58.0)	2.0 (2.0-48.0)	42.0 (7.0-61.0)	0.453		24.0 (3.0-48.0)	24.0 (13.0-38.0)	28.0 (6.5-41.5)	23.5 (14.0-27.0)	0.972	
Urology	20.5 (7.5-55.0)	40.5 (10.0-70.0)	53.0 (50.0-75.0)	61.0 (45.0-92.0)	0.108		21.5 (9.5-51.0)	21.5 (12.5-59.5)	45.0 (11.0-61.0)	50.0 (3.0-84.0)	0.958		15.0 (4.0-33.0)	15.5 (8.5-41.0)	41.0 (20.0-44.5)	23.5 (4.0-26.0)	0.807	