

Supplementary Table S2. Perceptions of Telemedicine Among Critical Access Hospital Providers by Provider Type

	IMPACT ON PATIENT CARE										FREQUENCY OF TM USE										PREVENTED INTER-HOSPITAL TRANSFERS									
	ALL (N=44)		APP (n=18)		PHYSICIAN (n=23)		OTHER (n=3)		P-VALUE		ALL		APP		PHYSICIAN		OTHER		P-VALUE		ALL		APP		PHYSICIAN		OTHER		P-VALUE	
Adult critical care	55 (25-75)	61 (52-65)	45 (18-74)	55 (2-83)	0.640	22.5 (4.5-47.5)	13.5 (3-41)	32 (7-49)	17 (1-40)	0.363	15 (3-47)	26 (4-47.5)	11 (3-35)	20 (1-59)	0.537															
Cardiology	61 (41-76)	66 (52-71)	55 (28-78)	61 (2-67)	0.537	49 (17.5-75)	49 (21-75)	50 (18-77)	2 (2-45)	0.202	-	-	-	-	-															
Cardiology (EKG only)	67.5 (48-82.5)	76 (53.5-90.5)	54 (48-80)	42 (2-86)	0.198	35.5 (15-79.5)	67 (30-94)	33 (10-75)	15 (2-79)	0.136	18 (3-46)	21.5 (4-46.5)	16 (2-35)	18 (2-62)	0.650															
Dentistry/oral surgery	14.5 (10-21)	14 (8.5-20.5)	21 (5-41)	55 (1-83)	0.696	9.5 (3-27.5)	12.5 (3-35)	10 (3-22)	2 (1-8)	0.236	-	-	-	-	-															
Dermatology	56 (13-83)	61 (16-75)	62 (19-76)	52 (1-80)	0.854	38.5 (16-55.5)	45 (16-68)	29 (13-53)	24 (2-52)	0.545	5 (2-21)	5 (2-12)	5 (1-22)	3 (2-50)	0.925															
EM	30 (16-49)	45.5 (19-81.5)	49 (17-84)	49 (1-93)	0.975	21.5 (4.5-50)	17.5 (6-48)	24 (4-52)	28 (3-42)	0.967	28 (6-50)	19 (4-50)	36 (8-49)	18 (2-52)	0.838															
Neurology (nonstroke)	55 (17-71)	66.5 (43.5-74)	67.5 (48-82)	56 (13-88)	0.789	46 (19.5-65)	46 (8-67)	51 (26-77)	30 (28-41)	0.580	28 (3-58)	28 (10.5-47.5)	28 (3-65)	22 (2-76)	0.905															
Neurology (stroke)	70 (61-73)	70 (60-82.5)	66.5 (52-89)	59 (2-92)	0.736	36 (6-72.5)	19.5 (7-38)	51 (18-77)	2 (2-92)	0.229	19 (4-48)	19.5 (5.5-49)	19 (3-61)	19 (3-26)	0.881															
Neurosurgery	29 (10-55)	29 (19-41)	25 (10-55)	55 (2-82)	0.879	17 (4-48)	16 (4-25)	19 (4-52)	3 (1-91)	0.591	10.5 (3-31)	5 (2-20.5)	14 (4-43)	17 (2-25)	0.299															
Obstetrics and gynecology	38.5 (17-70)	41 (24-71)	33.5 (17-62)	59 (2-78)	0.828	24 (6-53)	18 (6-53)	28 (11-51)	2 (1-56)	0.433	50 ^a (N/A)	50 ^a (N/A)	-	-	-															
Ophthalmology	26 (16-60)	25 (21-67)	26 (16-51)	60 (2-85)	0.878	22 (3-50)	23 (4-45)	18 (5-50)	2 (1-58)	0.587	8 (3-27)	13 (3.5-40)	7 (3-21)	27 (2-31)	0.637															
Orthopedics	52 (20-80)	55 (20-83)	49 (24-76)	52 (1-88)	0.931	48 (15-65)	50 (15-71)	48 (21-54)	19 (1-58)	0.540	-	-	-	-	-															
Otolaryngology	30.5 (18-72)	42 (25-72)	30 (17-71)	59 (2-87)	0.730	19 (4-50)	27 (14-50)	19 (3-57)	2 (1-30)	0.299	8.5 (3-27)	19 (4-41)	8 (2-24)	26 (2-38)	0.357															
Pediatrics	36.5 (14.5-63)	26 (12-55)	43 (17-66)	55 (2-68)	0.876	28.5 (15.5-53)	35 (12-62)	27 (17-54)	19 (2-26)	0.372	-	-	-	-	-															
Pediatric critical care/EM	55 (22-74)	36 (15-76)	60 (28-74)	63 (2-70)	0.670	28 (4.5-60.5)	18 (3-62)	36 (17-65)	17 (2-49)	0.401	15 (4-32)	14 (6-33)	16 (4-32)	27 (3-30)	0.960															
Pharmacy (clinical support)	46 (23-75)	45.5 (23-72)	46 (24-75)	53 (2-85)	0.937	22.5 (11.5-51)	27.5 (16-50)	20 (8-51)	16 (2-63)	0.722	5 (3-25)	6 (3-18)	4 (2-42)	18 (2-30)	0.745															
Pharmacy (remote review/verification)	42 (11-74)	30.5 (11-74)	51.5 (13-70)	53 (1-86)	0.947	19 (6.5-51.5)	32 (12-67)	13 (6-50)	3 (1-72)	0.360	5 (2-21)	8 (3-18)	3 (1-21)	19 (2-31)	0.590															
Psychiatry	88 (78-94)	90.5 (80-94)	82.5 (78-91)	52 (39-97)	0.253	75.5 (53.5-90.5)	78.5 (66-93)	72 (52-86)	35 (1-92)	0.399	50 (24-73)	68 (48-76)	43 (18-73)	31 (2-47)	0.051															
Trauma/emergency general surgery	45 (19-72)	42 (27-50)	49 (18-72)	58 (2-84)	0.968	28.5 (6.5-57)	20 (4-54)	42 (12-65)	14 (2-58)	0.543	24 (8-44)	28 (21-50.5)	18.5 (3-40)	14 (2-27)	0.191															
Urology	45 (13-66)	38.5 (7-77)	45 (13-63)	59 (2-84)	0.956	23 (7-58.5)	27 (8-59)	24 (11-51)	3 (1-61)	0.466	20 (4-40)	18.5 (4-34.5)	18 (4-40)	26 (2-51)	0.940															

APP=advanced practice provider (n=11 PA and n=7 ARNP). Other includes missing provider type (n=2) and podiatry (n=1).

^aMissing greater than 10% of responses.

ARNP, advanced registered nurse practitioner; N/A, not applicable; PA, physician assistant.