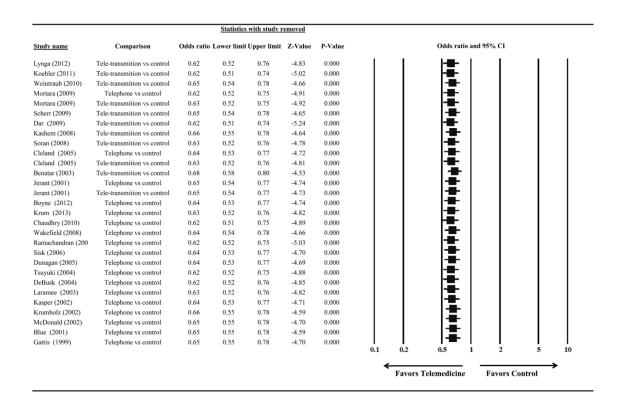
## **Supplementary Figures**

**Figure S1.** Sensitivity analyses of (A) all-cause hospital admission, (B) all-cause length of hospital stay, (C) all-cause mortality, (D) heart failure-related admission, (E) heart failure-related length of hospital stay, and (F) heart failure-related mortality.

			statistics	with study r	emoveu								
tudy name	Comparison	Odds ratio	Lower limit	Upper limit	Z-Value	P-Value			Odds	atio and 9	95% CI		
ynga (2012)	Tele-transmition vs contro	0.93	0.82	1.06	-1.12	0.261	- 1	- 1	- 1	#	- 1	- 1	- 1
ekmezaris (2012)	Tele-transmition vs contro	0.91	0.80	1.04	-1.36	0.172							
Vade (2011)	Tele-transmition vs contro	0.91	0.80	1.04	-1.39	0.165							
Koehler (2011)	Tele-transmition vs contro	0.91	0.80	1.04	-1.44	0.149							
Veintraub (2010)	Tele-transmition vs contro	0.92	0.81	1.05	-1.24	0.214							
Aortara (2009)	Telephone vs control	0.91	0.80	1.03	-1.46	0.145							
Aortara (2009)	Γele-transmition vs contro	0.92	0.81	1.05	-1.27	0.202							
Giordano (2009)	Γele-transmition vs contro	0.94	0.84	1.07	-0.93	0.351				=			
Dar (2009)	Γele-transmition vs contro	0.90	0.80	1.02	-1.61	0.107				=			
Antonicelli (2008)	Tele-transmition vs contro	0.95	0.85	1.06	-0.94	0.347				-			
Soran (2008)	Γele-transmition vs contro	0.91	0.80	1.04	-1.44	0.151							
Voodend (2008)	Γele-transmition vs contro	0.91	0.80	1.03	-1.45	0.147							
ansky (2008)	Γele-transmition vs contro	0.92	0.81	1.05	-1.22	0.223							
leland (2005)	Telephone vs control	0.92	0.81	1.05	-1.19	0.233							
(2005)	Tele-transmition vs contro	0.93	0.81	1.05	-1.16	0.247				=			
Capomolla (2004)	Tele-transmition vs contro	0.92	0.80	1.04	-1.33	0.184							
oyne (2012)	Telephone vs control	0.91	0.80	1.03	-1.45	0.147				=			
Crum (2013)	Telephone vs control	0.93	0.82	1.06	-1.05	0.293				<b>=</b>			
omingues (2011)	Telephone vs control	0.91	0.80	1.04	-1.41	0.159							
haudhry (2010)	Telephone vs control	0.91	0.79	1.04	-1.35	0.177							
isk (2006)	Telephone vs control	0.93	0.81	1.06	-1.14	0.256				=			
Ounagan (2005)	Telephone vs control	0.93	0.82	1.06	-1.14	0.253				=			
suyuki (2004)	Telephone vs control	0.91	0.80	1.03	-1.44	0.149				=			
DeBusk (2004)	Telephone vs control	0.91	0.80	1.04	-1.34	0.182	- [						
aramee (2003)	Telephone vs control	0.92	0.80	1.04	-1.33	0.184				=			
lue (2001)	Telephone vs control	0.92	0.81	1.05	-1.21	0.225				=			
iattis (1999)	Telephone vs control	0.94	0.83	1.06	-0.97	0.333	I					I	- 1
							0.1	0.2	0.5	1	2	5	10
								<del></del>	Telemedic		Favors Co		•

Study name	Comparison	Std diff in means	Lower limit	Upper limit	Z-Value	P-Value	Std di	ff in means and 95	5% CI
Pekmezaris (2012)	) Tele-transmition vs contro	-0.20	-0.44	0.04	-1.62	0.106	1	<b>-⊞</b>	- 1
Koehler (2011)	Tele-transmition vs contro	-0.21	-0.46	0.04	-1.65	0.098		<b>-</b> ≣	
Weintraub (2010)	Tele-transmition vs contro	-0.03	-0.19	0.13	-0.40	0.690			
Dar (2009)	Tele-transmition vs contro	-0.22	-0.46	0.02	-1.80	0.072		ਜ਼ੀ	
Cleland (2005)	Telephone vs control	-0.24	-0.47	-0.01	-2.06	0.039		喜	
Cleland (2005)	Tele-transmition vs contro	-0.22	-0.46	0.02	-1.83	0.067		ਛੀ	
Jerant (2001)	Telephone vs control	-0.17	-0.40	0.06	-1.43	0.154		4	
Jerant (2001)	Tele-transmition vs contro	-0.17	-0.40	0.06	-1.44	0.149			
Ferrante (2010)	Telephone vs control	-0.17	-0.43	0.09	-1.30	0.195			
Chaudhry (2010)	Telephone vs control	-0.21	-0.48	0.07	-1.48	0.140		-	
Laramee (2003)	Telephone vs control	-0.17	-0.41	0.07	-1.37	0.170		=	
Krumholz (2002)	Telephone vs control	-0.17	-0.41	0.06	-1.43	0.152		-	
Blue (2001)	Telephone vs control	-0.17	-0.41	0.07	-1.40	0.160		=	
							-2.00	0.00	2.00

			Statistics wit	h study r	emoved								_
Study name	Comparison	Odds ratio	Lower limit Upp	er limit	Z-Value	P-Value			Odds	ratio and	95% CI		
Lynga (2012)	Tele-transmition vs control	0.81	0.71	0.91	-3.39	0.001	1	- 1	1	<b>æ</b> l	- 1	- 1	
Wade (2011)	Tele-transmition vs control	0.80	0.71	0.91	-3.51	0.000	1			ਛ∣			
Koehler (2011)	Tele-transmition vs control	0.79	0.69	0.90	-3.65	0.000	1			毐丨	- 1	- 1	
Weintraub (2010)	Tele-transmition vs control	0.81	0.72	0.91	-3.48	0.001	1			ਛ∣	- 1	- 1	
Hordano (2009)	Tele-transmition vs control	0.81	0.72	0.92	-3.23	0.001	1				- 1	- 1	
ashem (2008)	Tele-transmition vs control	0.80	0.71	0.91	-3.52	0.000	1			록	- 1	- 1	
ntonicelli (2008)	Tele-transmition vs control	0.80	0.71	0.91	-3.44	0.001	1				- 1	- 1	
alk (2008)	Tele-transmition vs control	0.79	0.70	0.90	-3.71	0.000	1			록	- 1	- 1	
oran (2008)	Tele-transmition vs control	0.81	0.71	0.92	-3.32	0.001	1			<b>=</b>	- 1	- 1	
leland (2005)	Telephone vs control	0.81	0.72	0.92	-3.24	0.001	1			<b>-</b>	- 1	- 1	
leland (2005)	Tele-transmition vs control	0.81	0.71	0.92	-3.28	0.001	1				- 1	- 1	
apomolla (2004)	Tele-transmition vs control	0.80	0.71	0.91	-3.43	0.001	1			록	- 1	- 1	
oldberg (2003)	Tele-transmition vs control	0.83	0.74	0.92	-3.32	0.001	1				- 1	- 1	
Lusignan (2001)	Tele-transmition vs control	0.80	0.71	0.91	-3.47	0.001	1			록	- 1	- 1	
erant (2001)	Telephone vs control	0.80	0.71	0.90	-3.68	0.000	1			₩	- 1	- 1	
oyne (2012)	Telephone vs control	0.79	0.70	0.89	-3.98	0.000	1			록	- 1	- 1	
rum (2013)	Telephone vs control	0.79	0.70	0.89	-3.92	0.000	1			■	- 1	- 1	
omingues (2011)	Telephone vs control	0.81	0.71	0.92	-3.37	0.001	1				- 1	- 1	
errante (2010)	Telephone vs control	0.81	0.71	0.92	-3.12	0.002	1			<b>-</b>	- 1	- 1	
haudhry (2010)	Telephone vs control	0.79	0.69	0.89	-3.69	0.000	1			▆▎	- 1	- 1	
akefield (2008)	Telephone vs control	0.79	0.70	0.90	-3.70	0.000	1			▆▎	- 1	- 1	
sk (2006)	Telephone vs control	0.79	0.70	0.90	-3.60	0.000	1			▆▎	- 1	- 1	
eWalt (2006)	Telephone vs control	0.80	0.71	0.91	-3.48	0.001	1			≘∣	- 1	- 1	
unagan (2005)	Telephone vs control	0.79	0.70	0.90	-3.70	0.000	1			≘∣	- 1	- 1	
eBusk (2004)	Telephone vs control	0.81	0.71	0.92	-3.31	0.001	1				- 1	- 1	
aramee (2003)	Telephone vs control	0.80	0.70	0.91	-3.49	0.000	1			▆▎	- 1	- 1	
asper (2002)	Telephone vs control	0.81	0.72	0.92	-3.33	0.001	1			#1			
rumholz (2002)	Telephone vs control	0.81	0.71	0.91	-3.37	0.001	1			=			
lue (2001)	Telephone vs control	0.80	0.70	0.90	-3.55	0.000	1			<b>=</b>	1		
attis (1999)	Telephone vs control	0.80	0.71	0.91	-3.43	0.001	1	-		-		ı	
							0.1	0.2	0.5	1	2	5	
								<del>-</del>	T.1 "	-	F C :	<del></del>	
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			Statistics	with study r	emoved		
Study name	Comparison	Std diff in means	Lower limit	Upper limit	Z-Value	P-Value	Std diff in means and 95% CI
Koehler (2011)	Tele-transmition vs contro	-0.71	-1.36	-0.07	-2.16	0.030	
Weintraub (2010)	Tele-transmition vs contro	-0.08	-0.29	0.13	-0.73	0.468	
Dar (2009)	Tele-transmition vs contro	-0.75	-1.31	-0.18	-2.59	0.010	
Soran (2008)	Tele-transmition vs contro	-0.71	-1.31	-0.11	-2.32	0.020	<del>   </del>
Cleland (2005)	Telephone vs control	-0.73	-1.31	-0.15	-2.46	0.014	<del>   </del>
Cleland (2005)	Tele-transmition vs contro	-0.70	-1.29	-0.11	-2.34	0.019	<del>   </del>
Jerant (2001)	Telephone vs control	-0.65	-1.20	-0.10	-2.30	0.021	<del>   </del>
Jerant (2001)	Tele-transmition vs contro	-0.65	-1.20	-0.10	-2.30	0.021	<del>   </del>
Γsuyuki (2004)	Telephone vs control	-0.64	-1.21	-0.06	-2.15	0.032	<del>   </del>
Krumholz (2002)	Telephone vs control	-0.66	-1.22	-0.09	-2.29	0.022	<del>                                   </del>
Blue (2001)	Telephone vs control	-0.67	-1.25	-0.09	-2.27	0.023	<del>   </del>
						-8.	3.00 4.00 0.00 4.00 8.0
							Favors Telemedicina Favors Control

			<b>Statistics</b>										
Study name	Comparison	Odds ratio	Lower limit	ower limit Upper limit		P-Value	Odds ratio and 95% CI						
Koehler (2011)	Tele-transmition vs control	0.56	0.41	0.76	-3.63	0.000	1	- 1	<b>=</b> 1	- 1	- 1		
Scherr (2009)	Tele-transmition vs control	0.70	0.55	0.87	-3.16	0.002					- 1		
Giordano (2009)	Tele-transmition vs control	0.73	0.56	0.95	-2.38	0.017					- 1		
Soran (2008)	Tele-transmition vs control	0.71	0.56	0.90	-2.84	0.004					- 1		
Capomolla (2004)	Tele-transmition vs control	0.71	0.56	0.89	-2.95	0.003					- 1		
Goldberg (2003)	Tele-transmition vs control	0.70	0.56	0.89	-2.95	0.003					- 1		
McDonald (2002)	Telephone vs control	0.68	0.54	0.86	-3.28	0.001					- 1		
Gattis (1999)	Telephone vs control	0.69	0.55	0.86	-3.27	0.001	- 1				- 1		
							0.01	0.1	1	10	100		

**Figure S2.** Funnel plots to detect bias: (A) all-cause hospital admission, (B) all-cause length of hospital stay, (C) all-cause mortality, (D) heart failure-related admission, (E) heart failure-related length of hospital stay, and (F) heart failure-related mortality.

