Supplementary Material for: "Quality and Reliability Evaluation of Online Videos on Carpal Tunnel Syndrome: A YouTube Video-based Study"

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**Supplementary Table 1.** Full list of video URLs included in the study

	1	Full list	of video URLs
Number	Channel Name	Video Title	URLs
1	BroadcastMed Network	Podcast: See a live surgery for carpal tunnel syndrome	https://www.youtube.com/watch?v=XCcplgeQzrU
2	David Kuckhermann	exercises for tendinitis (tendonitis) and carpal tunnel (cps)	https://www.youtube.com/watch?v=hUyMNyrOHJQ
3	Dr. Josh Axe	How to Get Natural Carpal Tunnel Relief in 24 Hours Dr. Josh Axe	https://www.youtube.com/watch?v=LTKyioqoZVM
4	KT Tape	KT Tape: Carpal Tunnel	https://www.youtube.com/watch?v=FAWu0_SWDhM
5	Nucleus Medical Media	Carpal Tunnel Syndrome   Nucleus Health	https://www.youtube.com/watch?v=z-SeJh5-nOo
6	Madden Physical Therapy	Top 3 Exercises for Carpal Tunnel Syndrome	https://www.youtube.com/watch?v=gTxQqu9USC4
7	Cleveland Clinic	Worried About Carpal Tunnel? Try 3 Simple Stretches	https://www.youtube.com/watch?v=f2lHpWNaQaQ
8	AskDoctorJo	5 Best Carpal Tunnel Syndrome Stretches & Exercises - Ask Doctor Jo	https://www.youtube.com/watch?v=Q5G916yCyF0
9	LoseTheBackPain	Self Acupressure for Carpal Tunnel Syndrome	https://www.youtube.com/watch?v=0GtGmf6Z760
10	Dr Thomas McClellan	Live Surgery Open Carpal Tunnel Release Surgery.m4v	https://www.youtube.com/watch?v=YVPe5WTl5yg

Supplemental material

		Know - Dr. Nabil	
		Ebraheim	
28	Dr Joseph Cipriano	*HUGE* Carpal Tunnel	https://www.youtube.com/watch?v=YMUBlaVChOs
	DC	Syndrome RELEASE with	
		CHIROPRACTIC	
		Adjustment	
29	Bob & Brad	Best Sleeping Position for	https://www.youtube.com/watch?v=YZLMpSGOz34
		Shoulder, Arm, & Wrist	
		Pain- also Carpal Tunnel	
		Syndrome	
30	Vitality Massage	Massage for Carpal Tunnel	https://www.youtube.com/watch?v=30Aq24-xp2c
		Syndrome - STOP Wrist	
		Pain Fast!	
31	motivationaldoc	Carpal Tunnel Self-	https://www.youtube.com/watch?v=iHVtzOCGy0Y
		Correction Adjustment -	
		Dr. Alan Mandell, D.C.	
32	Bob & Brad	What They Don't Tell You	https://www.youtube.com/watch?v=n26CXK6xZek
		About Carpal Tunnel	
		Syndrome! Stretches &	
		Treatments	
33	RMCrayne	Carpal Tunnel Syndrome	https://www.youtube.com/watch?v=Ze9piW3wgYw
		Provocative Tests &	
		Physical Exam	
34	EkhartYoga	Yoga Exercises for Carpal	https://www.youtube.com/watch?v=x3Yb0KVXcTE
	-	Tunnel Syndrome	
35	Mr Jeremy Read	Carpal tunnel release	https://www.youtube.com/watch?v=yHx_CBf2tqo
	Hand Surgeon		
36	nabil ebraheim	Carpal Tunnel Injection -	https://www.youtube.com/watch?v=G4OanhAEZoM
		Everything You Need To	
		Know - Dr. Nabil	
		Ebraheim	
37	motivationaldoc	How to Determine if You	https://www.youtube.com/watch?v=SSbcdh4SVpE
		Really Have Carpal	
		Tunnel Syndrome - Dr	
		Mandell, DC	
38	motivationaldoc	Carpal Tunnel Syndrome:	https://www.youtube.com/watch?v=ZBvZlsY-Kdc
		Fast Natural Relief in	
		Minutes - Dr Alan	
		Mandell, DC	

39	Jedediah Jones	Hand Exam For Carpal Tunnel Syndrome	https://www.youtube.com/watch?v=FRO78pJ8VXo
40	PreOp.com Patient Engagement - Patient Education	Carpal Tunnel Syndrome Repair Surgery - PreOp® Patient Education Medical HD	https://www.youtube.com/watch?v=-vSgnYhoITc
41	Medscape	Carpal Tunnel Release   Surgical Procedure   Part I	https://www.youtube.com/watch?v=VROrnggbsek
42	Massage Therapeutics	Forearm Anatomy: Help Relieve Carpal Tunnel Syndrome	https://www.youtube.com/watch?v=Kx9-ZDWmzKw
43	3dmusclepep	3D CGI medical video carpal tunnel syndrome	https://www.youtube.com/watch?v=u5dWTGYQ6PU
44	Malek Racy	Carpal Tunnel Release - Teaching Video	https://www.youtube.com/watch?v=bLYLVNjP7H8
45	MedStar Health	Surgery Video: Carpal Tunnel - MedStar Union Memorial	https://www.youtube.com/watch?v=jiUKeCLMS90
46	CinnamonToastKen	Carpal Tunnel Surgery	https://www.youtube.com/watch?v=P1sUe7g_9L0
47	Adam J. Story, DC	Carpal Tunnel Fix - DIY No brace!!	https://www.youtube.com/watch?v=B9a8u16hIhQ
48	John Mahoney	Carpal Tunnel Release for carpal tunnel syndrome, by John Mahoney, M.D., more at www.DoctorMahoney.com	https://www.youtube.com/watch?v=xuqcfRG2phk
49	nandapillai	Carpal Tunnel Syndrome Operation	https://www.youtube.com/watch?v=lxqqX2pDryQ
50	handarmdoc	Recognizing Thumb Muscle Atrophy - Carpal Tunnel Syndrome	https://www.youtube.com/watch?v=ffCnKlZVJvQ
51	Bob & Brad	Top 3 Exercises to Perform AFTER Carpal Tunnel Surgery (Release)	https://www.youtube.com/watch?v=z7mGU7877SE
52	JoeCubicle	One month after carpal tunnel surgery	https://www.youtube.com/watch?v=MjjnVx65Wyg
53	CarpalRx	Early symptoms and warning signs of carpal tunnel syndrome	https://www.youtube.com/watch?v=rnZEwSAYCdU

54	1	Rehab and Revive	5 Exercises to PREVENT and ALLEVIATE Carpal Tunnel	https://www.youtube.com/watch?v=pbHRK7jpr1M
55	5	Coordinated Health	Carpal Tunnel Release - Dr. Jon Hernandez	https://www.youtube.com/watch?v=t6DWcLKygpY

## Supplementary Table 2. Overview of the raw scores for each video included in the study

							Ra	w sc	ores	of vi	deos															
Numb er	Channel Name	Video Title	Authorsh	JAMA benchr Attributi	nark criteria Curren	Disclosu	0	0	0	0	0		0		0	Q1	CTS-SS Q1	р О1	01	01	01	01	01	01	01	Q2
Ci			ip	on	cy	re	Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	0	1	Q1 2	Q1 3	Q1 4	Q1 5	Q1 6	Q1 7	Q1 8	Q1 9	0
1	BroadcastMed	Podcast: See a live																								
	Network	surgery for carpal	1	1	1	0	1			1											1	1				
		tunnel syndrome																								
2	David Kuckhermann	exercises for tendinitis																								
	Ruckiermann	(tendonitis) and carpal	0	0	1	0					1						1									
		tunnel (cps)																								
3	Dr. Josh Axe	How to Get Natural																								
		Carpal Tunnel Relief																								
		in 24 Hours   Dr. Josh	0	0	1	1				1																
		Axe																								
4	KT Tape	KT Tape: Carpal																								
		Tunnel	1	0	1	0	1			1										1						
5	Nucleus Medical	Carpal Tunnel																								
	Media	Syndrome   Nucleus	1	0	1	0	1	1	1	1	1						1		1	1	1	1	1			
		Health																								
6	Madden Physical	Top 3 Exercises for																								
	Therapy	Carpal Tunnel	1	0	1	0	1		1	1		1					1			1						
		Syndrome																								
7	Cleveland Clinic	Worried About Carpal																								
		Tunnel? Try 3 Simple	1	1	1	0					1						1									
		Stretches																								
8	AskDoctorJo	5 Best Carpal Tunnel																								
		Syndrome Stretches &																								
		Exercises - Ask Doctor	1	0	1	0	1			1	1					1	1									
		Jo																								
9	LoseTheBackPai	Self Acupressure for																								
	n	Carpal Tunnel	0	0	1	1	1				1						1									
		Syndrome																								
		l																								

McClellan Carpal Tunnel Relea Surgery.m4v	1																				
		1	1	0	1	1	1	1					1	1	1	1	1	1	1	1	
187																					
11 Armando Clinical Anatomy -																					
Hasudungan Hand, Wrist (palmar	1	1	1	0	1	1	1	1													
aspect/flexors)																					
12 HM Massage Carpal Tunnel Self	0	0	1	0	1		1	1	1				1								
Massage Fix																					
13 TheProactiveAthl Carpal Tunnel	1		1					1													
ete Syndrome Exercises	1	0	1	0	1	1		1	1				1								
14 j7conley Carpal Tunnel																					
Treatment - Relief	0	0	1	0	1	1	1	1	1				1	1	1	1					
Without Surgery																					
15 Blitz Esports Carpal Tunnel in																					
	.   .								١.												
LoL Esports, explained in	5 1	0	1	0	1		1	1	1				1	1	1	1				1	
minutes																					
16 WorkSafeBC Carpal Tunnel	0	0	1	0	1	1	1	1	1												
Syndrome																					
17 TheSurgerySqua Carpal Tunnel Surge	y 1	1	1	0	1		1	1	1							1	1			1	1
d	1	1	1	0	1		1	1	1							1	1			1	1
18 Physiotutors Phalen's Test   Carpa																					
Tunnel Syndrome	1	0	1	0			1			1											
19 Carpal Tunnel Carpal Tunnel																					
Gadgets Exercises using Stre	0	0	1	0											1						
Ball				0											1						
20 Physiotutors Tinel Sign:																					
Wrist Carpal Tunno	1	0	1	0						1											
Syndrome																					
21 Road Wrist Exercises for																					
Tendinitis Carpal																					
Tunnel Syndrome -	0	1	1	0	1			1	1												
Avoid RSI injury in																					
just 2 minutes a day																					
Jan 2 minted a day		1		]												<u> </u>					Ш

22	Bob & Brad	Carpal Tunnel? Avoid																					
		Surgery with 3 Step Self-Treatment	1	1	1	0	1		1	1	1					1		1					
		Program																					
23	ZHealthPerforma	Carpal Tunnel Relief	0	0	1	0	1				1					1							
	nce	Exercises	· ·	· ·	1	· ·	1				•					•							
24	Carpal Tunnel	Hand Massage for																					
	Gadgets	Carpal Tunnel	0	0	1	0										1							
		Syndrome																					
25	Dr Levi Harrison	Is It Carpal Tunnel																					
		Syndrome OR	1	1	1	0	1		1	1	1					1	1	1	1				
		Tendonitis?																					
26	Yoga with	Yoga for Wrists &																					
	Kassandra	Fingers - Yoga for	0	0	1	0										1							
		Wrist Cramps &	Ü	0	1	o .										1							
		Carpal Tunnel																					
27	nabil ebraheim	Carpal Tunnel																					
		Syndrome -																					
		Everything You Need	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		To Know - Dr. Nabil																					
		Ebraheim																					
28	Dr Joseph	*HUGE* Carpal																					
	Cipriano DC	Tunnel Syndrome																					
		RELEASE with	1	0	1	0	1		1	1	1				1			1					
		CHIROPRACTIC																					
		Adjustment																					
29	Bob & Brad	Best Sleeping Position																					
		for Shoulder, Arm, &																					
		Wrist Pain- also	1	0	1	0												1				1	
		Carpal Tunnel																					
		Syndrome																					
L	<u> </u>	l		l	l			1						1				L	1	1	l		

30	Vitality Massage	Massage for Carpal																				
		Tunnel Syndrome -	0	0	1	0	1								1							
		STOP Wrist Pain Fast!			•		•								•							
31	motivationaldoc	Carpal Tunnel Self-																				
		Correction Adjustment	1	0	1	0	1		1	1	1				1				1			
		- Dr. Alan Mandell,																				
		D.C.																				
32	Bob & Brad	What They Don't Tell																				
		You About Carpal																				
		Tunnel Syndrome!	1	0	1	0	1		1	1	1	1		1	1			1	1			
		Stretches &																				
		Treatments																				
33	RMCrayne	Carpal Tunnel																				
33	Riviciayile																					
		Syndrome Provocative	1	0	1	0	1			1		1										
		Tests & Physical																				
		Exam																				
34	EkhartYoga	Yoga Exercises for																				
		Carpal Tunnel	0	0	1	0									1							
		Syndrome																				
35	Mr Jeremy Read	Carpal tunnel release																				
	Hand Surgeon		1	0	1	0													1	1		1
36	nabil ebraheim	Carpal Tunnel																				
		Injection - Everything																				
		You Need To Know -	1	1	1	1	1		1	1	1				1							
		Dr. Nabil Ebraheim																				
37	motivationaldoc	How to Determine if																				
		You Really Have																				
		Carpal Tunnel	1	1	1	0	1	1	1	1	1	1			1							
		Syndrome - Dr																				
		Mandell, DC																				
38	motivationaldoc	Carpal Tunnel																				
		Syndrome: Fast	1	1	1	0	1	1	1	1	1	1			1	1	1	1	1			
		Natural Relief in																				

Supplemental material

		Minutes - Dr Alan																					
		Mandell, DC																					
39	Jedediah Jones	Hand Exam For Carpal	1	1	1	0	1		1	1		1											
		Tunnel Syndrome		1	•	Ü	•		•	•		•											
40	PreOp.com	Carpal Tunnel																					
	Patient	Syndrome Repair																					
	Engagement -	Surgery - PreOp®	1	0	1	0	1		1	1	1							1	1				
	Patient Education	Patient Education																					
		Medical HD																					
41	Medscape	Carpal Tunnel Release																					
		Surgical Procedure	1	0	1	0												1	1				
		Part I																					
42	Massage	Forearm Anatomy:																					
	Therapeutics	Help Relieve Carpal	1	0	1	0	1		1	1					1		1						
		Tunnel Syndrome																					
43	3dmusclepep	3D CGI medical video																					
		carpal tunnel	0	0	1	0	1		1	1													
		syndrome																					
44	Malek Racy	Carpal Tunnel Release	1	1	1	1	1		1	1	1							1	1				
		- Teaching Video	1			1																	
45	MedStar Health	Surgery Video: Carpal																					
		Tunnel - MedStar	1	1	1	1	1	1	1	1	1				1	1	1	1		1	1	1	1
		Union Memorial																					
46	CinnamonToastK	Carpal Tunnel Surgery	0	0	1	0	1	1	1	1	1							1	1				1
	en				•	Ü	•	•	•	•	•							•	•				•
47	Adam J. Story,	Carpal Tunnel Fix -	0	0	1	0	1		1	1				1	1		1						
	DC	DIY No brace!!		0		O	1		1	1				1	1		1						
48	John Mahoney	Carpal Tunnel Release																					
		for carpal tunnel																					
		syndrome, by John	0	0	1	0												1	1				
		Mahoney, M.D., more																					
		at																					
				I	l														1				l

		www.DoctorMahoney.																			
		com																			
49	nandapillai	Carpal Tunnel Syndrome Operation	1	1	1	0		1	1								1	1			
50	handarmdoc	Recognizing Thumb  Muscle Atrophy -  Carpal Tunnel	1	1	1	0	1	1	1		1						1				
		Syndrome																			
51	Bob & Brad	Top 3 Exercises to Perform AFTER Carpal Tunnel Surgery (Release)	1	1	1	0											1			1	1
52	JoeCubicle	One month after carpal tunnel surgery	0	0	1	0	1										1				
53	CarpalRx	Early symptoms and warning signs of carpal tunnel syndrome	0	0	1	0	1	1	1	1				1		1	1				
54	Rehab and Revive	5 Exercises to PREVENT and ALLEVIATE Carpal Tunnel	1	0	1	0	1	1	1					1							
55	Coordinated Health	- Dr. Jon Hernandez	1		1	1	1	1									1		1		

<sup>&</sup>lt;sup>a</sup>JAMA benchmark criteria assigned 1 point if each criterion is met, and 0 if not.

<sup>&</sup>lt;sup>b</sup>CTS-SS assigned 1 point if each item is applicable.