Public Relations Update



Prepared for: EULAR 2019









Coverage of CreakyJoints Staff, Members, and News Generated **379 Million Media Impressions June 2018-May 2019**

- Earned placements in 2018: 142
- Earned placements in 2019 to date: 156
 - EFE America, "Latinos con mayor probabilidad de discapacidad por la artritis," picked up by LA Times, El Diario and dozens of other Spanish-language outlets
 - Daytime TV, an interview with CreakyJoints member Che Ackerman on living well with arthritis aired on 77 stations across the country
 - HealthCentral editorial and social media collaboration during May's Arthritis Awareness Month
 - These Hacks Promise a Better Day With Arthritis
 - What Every Person With Arthritis Needs to Know About Cannabis



Exercisina With **Arthritis**

About 54 million Ameri-

cans live with some form of arthritis, but a recent poll found that only about half of natients follow the recommendation to exer Being physically active is important for arthritis patients because it helps helps support them) and improves overall physical function, Now a small study in Restor ative Neurology and Neuroscience shows that voga, along with routine of rheumatoid arthritis. those who practiced two

experienced "signifas reduced depression M.D., medical adviser to Creaky Joints a digital

walking, then add more minutes five days a week Aquatic exercise takes pool can feel good and help improve movement actually do-as long as it or afterward, do whatever

JUNE 2019 • PREVENTION.COM 13







ArthritisPower® research reaches professional and patient audiences

Where to Find Tools That Make Life Easier with RA



Proving Painsomnia is Real: A Case Study







By Keynote Contributors

Dawn Gibson and Dr. Ben Nowell

Ankylosing spondylitis patient, member of CreakyJoints[®]
Director of Patient-Centered Research, CreakyJoints and
co-principal investigator of ArthritisPower[®] Research Registry

Living with Painsomnia

It doesn't matter if it is 11pm or 2am. Anyone seeking solidarity during a long night awake with pain can find a virtual friend on the Twitter #Painsomnia hashtag or by mentioning it on other tags frequented by people living with a chronic disease.

Painsomnia is a patient-generated term for the vicious cycle of pain and sleep deprivation or fatigue related to a chronic condition or its treatment. Evolving from social media

Q&A WITH HEALIO RHEUMATOLOGY

Visual aids may improve patient perception of risk in knee replacement

March 15, 2019







When explaining the procedural benefits and risks to patients considering total knee replacement, supplementing statistical information with visual aids was associated with stronger preferences for the procedure, according to recent findings published in *Arthritis Care & Research*.

Principal investigator Liana Fraenkel, MD, MPH, of the Yale School of Medicine, along with W. Benjamin Nowell, PhD, director of Patient-Centered Research at CreakyJoints, and colleagues, suggested that although most patients who undergo the procedure report high satisfaction afterwards, prior to surgery patients have frequently underestimated the potential benefit while overestimating potential risks of total knee replacement (TKR).

SEE ALSO

Visual Aids May Improve Patient Perception of Risk in Knee Replacement

Visual Aids May Improve Patient Perception of Risk in Knee Replacement

Nonsurgical treatment could safely alleviate OA knee pain, To determine whether additional visual aids would impact patient TKR preferences, the researchers randomized members of an online arthritis network (n = 648) to receive describtive information alone or in



combination with an icon array, images or spinner. At the outset of the study, participants were asked to read three paragraphs and choose among possible outcomes of TKR:

<u>"ArthritisPower"</u> is an app created by CreakyJoints that not only allows you to track your RA symptoms, but also to make your data available for research. That means you have a great way to track your symptoms, and you can also participate in research without having to leave your house or provide blood samples, or other information that might make people uncomfortable." **Healthline** (February 2019)









CreakyJoints in the News

Educating the arthritis community

Communicating with HCPs

Reaching stakeholders who develop health policy and law

















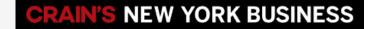




Rheumatology Advisor



























Twitter: 12,300 Followers

Over 6 million average monthly impressions.



Facebook: Average monthly post reach

100,000



Instagram: 1,666 followers

CreakyChats



January: Unity in 2019: Working Together and Preventing Stigma in

the Chronic Illness Community

Special Guests: Molly Schreiber (@mollyschreiber), Roxanne Watson (@roxannewatson74), Jaime M. Sander (@migrainediva)

February: Loving Yourself While Living with Chronic Disease: A Discussion on Self Care, Emotional Well-being, and Defining Ourselves

March: Chronic Disease Through The Years: Progress and Promise Special Guest: Dr. Paul Sufka (@psufka)

April: Lightning Rod Issues That Impact People with Chronic Disease



Arthritis365TopTweets

"I went from being on a strong career path to having to work part time because of my disease. I'm thankful for the flexibility but wish I had more stability." - CJ Member #Arthritis365

"People don't see the effort and planning it takes me to attend something as simple as a BBQ. And if I need to leave early please don't judge or talk about me when I leave." -CJ Member #Arthritis365

"I wish people understood the hurdles I had to go through just to get the medication I need to be able to take care of my family." - CJ Member #Arthritis365

CreakyJoints and Global	Healthy Livin	g Foundation Earned Media Jan-May 2019	
Outlet	Date	Headline	Reach
		Dr. Alexis Ogdie on diet and exercise, plus recap on	
DOCTOR Radio (AIRED 4 TIMES)	1/7/2019	ArthritisPower and CreakyJoints	N/A
Pain Free Living	1/7/2019	Arthritis is on Trend (Michael Kuluva)	152,726
		Gout is on the Rise and Its not just Gluttonous	
The Guardian online	1/7/2019	Sovereigns Who Get It	14,620,259
		8 Things You Need to Know About Menopause When	
Everyday Health	1/9/2019	You Have Rheumatoid Arthritis	10,835,054
U.S. News & World Report	1/16/2019	15 Things Not to Say to People With Chronic Pain	23,921,839
		A "LinkedIn for Cancer" Helps Myeloma Patients Find	
Free Think	1/25/2019	Help – and Hope	N/A
VeryWell	1/28/2019	Coping With Rheumatoid Arthritis (updated Jan 2019)	540,000
News-Medical		Proving Painsomnia is Real: A Case Study	3,400,000
		Jonathon Aumann: Treating chronic disease not hard	
Topeka Capital Journal (Op-Ed)	1/31/2019		869,300
		Contraception Use by Women with RA and PsA	
MdEdge Rheumatology	2/4/2019	Assessed	2,650,000
3 3,	, ,	Arthritis Flare-Ups: What Causes Them and Exactly	, ,
Rheumatitis Arthritis.cc	2/8/2019	What to Do When You Have One	N/A
	=, 0, =0=0		1.47.1
Fundacion Peurtorriquena de		Live interview with Daniel Hernandez, commented on	
Efermedades Reumaticas	2/11/2010	AP, CJ and 50-State	413
Elemiedades Redinaticas	2/11/2019	Ai , Co and 50-state	413
Healthline	2/8/2010	Where to Find Tools That Make Life Easier with RA	23,969,132
Myeloma Crowd (Free Think	2/0/2019	A "LinkedIn for Cancer" Helps Myeloma Patients Find	23,303,132
	2/12/2010	I	NI/A
pick-up)		Help – and Hope	N/A
WAPA-TV (Puerto Rico)		INTERVIEW Daniel Hernandez, MD	1,304,117
DAYTIME TV	2/2//2019	INTERVIEW Che Ackerman (yoga silks)	Aired on 77 TV
	2 /2 /2 2	INTERVIEW - Che Ackerman (yoga silks, special Tampa	
DAYTIME TV	3/5/2019		N/A
		Visual aids may improve patient perception of risk in	
Healio.com/rheumatology	3/15/2019	knee replacement	345,000
		How much do your patients know about total knee	
Rheumatology Network	3/18/2019	replacement?	13,030
		SEEING IS BELIEVING: FOR PATIENTS, MAKE DATA	
Orthopedics This Week	3/28/2019	VISUAL AND GRAPHIC	33,155
		Pain Advocacy Groups Tell HHS Secretary Revise CDC	
National Pain Report	3/29/2019	Guidelines	570,000
Healio.com/rheumatology		Visual aids may improve patient perception of risk in	
(PRINT)	4/1/2019	knee replacement	8,230
		Letter: Letter to the editor: Insurance coverage tampers	
Daily Journal (Op-Ed)	4/3/2019	with prescriptions	179,204
, , ,		Free Resource for People Living With	,
Practical Neurology	4/16/2019	Migraine—Migraine Patient Guidelines	19,245
32.0.00	., = 5, = 513	5 2 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Rheumatology Network	4/19/2019	11 Conditions that may Indicate Axial Spondyloarthritis	13,030
	1, 13, 2013	Why It's Difficult to Keep Your Job If You Have	13,030
Healthline	4/20/2010	Rheumatoid Arthritis	23,969,132
ricaltillile	4,20,2019	Real Help for Arthritis Sufferers	23,303,132
Parents are Hard to Raise	4/22/2010	From A Real Arthritis Sufferer	E00 000
raieiits aie Haiu to Kaise	4/23/2019	Trom A real Artimus Sufferer	500,000

CreakyJoints and Global	Healthy Livin	g Foundation Earned Media Jan-May 2019	
Outlet	Date	Headline	Reach
		Creaky Joints - a great website for patients with	
RheumNow (Tweet)	4/29/2019	arthritis is now available in Spanish!	6,648
		What Every Person With Arthritis Needs to Know About	
Health Central	5/1/2019	Cannabis	3,835,302
		'CreakyJoints' Publica Las Primeras Guías Para	
Semenario Vision	5/1/2019	Pacientes Con Artritis	53,907
		HHS Pain Task Force To Meet May 9-10 – Pain	
National Pain Report	5/3/2019	Community is Represented	570,000
		CreakyJoints just coined the best new term and we're	
		obsessed. Backsplaining — time to finally understand	
		all about that back pain. Like, is it inflammatory, or	
		mechanical? #ALLthequestions #ALLtheanswers	
Health Central (Tweet)	5/4/2019	#arthritisawareness	16,100
		PROMIS Instrument Assesses Patient-Reported	
Rheumatology Advisor	5/6/2019	Outcomes More Quickly	110,000
		Here's Why Women with Arthritis Are Less Likely to	
DocWire	5/9/2019	Have Children	N/A
	, ,	Challenges of the Association of Rheumatologists in	,
Medicina Salud Publica	5/10/2019	Puerto Rico	N/A
Health Central		These Hacks Promise a Better Day With Arthritis	3,835,302
EFE America (Pick up goes	2, 2, 2	Latinos con mayor probabilidad de discapacidad por la	-,,
beyond the below list)	5/10/2019		2,050,000
	5, 25, 2525	Latinos con mayor probabilidad de discapacidad por la	_/=====================================
LA Times Espanol	5/10/2019		37,700,000
	3, 23, 2323	Los latinos de EEUU están más expuestos a esta	0.7.00,000
La Opinion	5/10/2019	dolencia que puede generar discapacidad	258,379
	3, 23, 2323	Los latinos de EEUU están más expuestos a esta	200,010
El Diario NY	5/10/2019	dolencia que puede generar discapacidad	600,754
El Diario Mexico		Artritis, mal que afecta en su mayoría a latinos	8,206,409
El Biarro iviexios	3/11/2013	Los latinos en EEUU tienen mayor probabilidad de	0,200,103
InfoBae	5/10/2019	discapacidad por la artritis	10,662,226
mobac	3/10/2013	Latinos con mayor probabilidad de discapacidad por la	10,002,220
Hoy Los Angeles	5/10/2019		145,509
rioy Los / trigeres	3/10/2013	Latinos con mayor probabilidad de discapacidad por la	143,303
Aliianza News	5/10/2019		
7 manza News	3/10/2013	Latinos con mayor probabilidad de discapacidad por la	
El Expresso (Puerto Rico)	5/10/2019		8,106
Li Expresso (i derto nico)	3/10/2013	Los Latinos tienen mayor problabidad de desarrollar	0,100
La Noticia SV (El Salvador)	5/10/2019	· ·	N/A
La Noticia 3V (Li Salvador)	3/10/2013	Latinos sueltos y EEUU mayor probabilidad de	IV/A
Vaaju (Argentina)	5/11/2010	discapacidad por artritis	290,000
vaaju (Argentina)	3/11/2019	Los latinos en los Estados Unidos tienen más	290,000
Newsbeezer (Argentina)	E /11 /2010	probabilidades de sufrir artritis	350,000
Newsbeezer (Argentina)	5/11/2019	·	330,000
Diario Las Amoricas	E/10/2010	Afirman que los latinos tienen mayor probabilidad de discapacidades por artritis	020.000
Diario Las Americas	5/10/2019	·	930,000
Noticia Long Island	F /11 /2010	Latinos con mayor probabilidad de discapacidad por la	0.304
Noticia Long Island	5/11/2019		8,291
Aimas Do La Ciudad / Augustin	E /4.0/2040	Los latinos en EEUU tienen mayor probabilidad de	A1/A
Aires De La Ciudad (Argentina)	5/10/2019	discapacidad por la artritis	N/A
Duna DaaliNasiasat/Assasti	F /4 0 /2040	Los latinos en EEUU tienen mayor probabilidad de	A1 / A
Puro RockNacional (Argentina)	5/10/2019	discapacidad por la artritis	N/A

CreakyJoints and Global Healthy Living Foundation Earned Media Jan-May 2019					
Outlet	Date	Headline	Reach		
		Latinos con mayor probabilidad de discapacidad por la			
Impacto Latino	5/10/2019	artritis	10,531		
		Latinos con mayor probabilidad de discapacidad por la			
Nebraska Noticias Today	5/10/2019	artritis	N/A		
-		Latinos con mayor probabilidad de discapacidad por la			
Hola News (NC and FL)	5/10/2019	artritis	N/A		
		Latinos con mayor probabilidad de discapacidad por la			
LatinXToday.com	5/10/2019	artritis	N/A		
		People With Rheumatoid Arthritis Develop Disabilities			
		Before Diagnosis, Study Says (Updated article from a			
Everyday Health	5/10/2019	few years ago)	10,835,054		
CBD News (Health Central		What Every Arthritis Patient Needs to Know About			
Pickup)	5/12/2019	Medical Marijuana – HealthCentral.com	N/A		
Prevention Magazine	Jun-19	Exercising with Arthritis	1,500,000		
		Pregnancy, Periods, and 'The Pill': Exploring the			
		Reproductive Experiences of Women With			
MedPage Today	5/13/2019	Inflammatory Arthritis	1,488,521		
		LATINOS CON MAYOR PROBABILIDAD DE			
El Especial	5/13/2019	DISCAPACIDAD POR LA ARTRITIS	25,000		
		Education and support for Spanish speakers available			
Arthritis Digest UK	5/15/2019	on CreakyJoints Español	N/A		
RadioMD	5/15/2019	Be a Detective: Crack the Back Pain Mystery (AS Videos)	44,846		
		Many Ankylosing Spondylitis Patients Face Diagnosis			
docwire	5/16/2019	Challenges	N/A		
Crain's New York Business		Patient groups renew fight to ban midyear drug-			
(print and online)		coverage changes	500,373		
DOCTOR Radio	5/20/2019	My Back is Killing Me (AS Videos)	N/A		
		Reproductive Experiences of Women With			
Rheumatology Advisor	5/20/2019	Inflammatory Arthritis	110,000		
		Infertility, disease-related anxiety impact family size in			
Healio Rheumatology	5/30/2019	women with RA	345,000		
TOTALS			192,409,124		