CLINICAL PROOF

CLINICALLY PROVEN RESULTS → T

an			-0	RE	DENSITI		.c		.6
INDICATION	STUDY	PEDro	SUU	COME DEVICE	ENERGY DENSITY	حدج	IONS NITER	IMPUI	SES
INC	2,5	PL	00	UL	En	500	114.	W.	
Calcifying tendonitis of the shoulder	Kvalvaag et al. (2017) 37	9	+4	Swiss DolorClast [®] (EMS)	Up to 0.24 (ED ₊) ⁵	4	7	2,000	The study by Kvalvaag et al. (2017) was performed w with the Swiss DolorClast® Radial handpiece. The mu Kolk et al. (2013) may explain the different outcomes
	Cacchio et al. (2006) 06	9	+	Physio SW Therapy (Pagani)	0.10 (ED+)	4	7	2,500	
	Kolk et al. (2013) 34	7	-	Swiss DolorClast [®] (EMS)	0.11 (ED ₊)	3	12	2,000	
Subacromial pain	Engebretsen et al. (2009) 15	8	-	Swiss DolorClast [®] (EMS)	0.1 – 0.16 (ED+)	4-6	7	2,000	In these studies, patients with rotator cuff rupture were the Swiss DolorClast®.
	Engebretsen et al. (2011) 16	7	-	Swiss DolorClast [®] (EMS)	0.1 – 0.16 (ED+)	3	5	2,000	
Adhesive capsulitis of the shoulder	Hussein & Donatelli (2016) 27	9	+	Swiss DolorClast [®] (EMS)	0.16 (ED ₊)	4	7	2,000	
Primary long bicipital tenosynovitis	Liu et al. (2012) 49	5	+	Swiss DolorClast [®] (EMS)	0.12 (ED+)	4	7	1,500	
	Spacca et al. (2005) 67	8	+	Physio SW Therapy (Pagani)	"1.2 bar" and "1.0 bar"	4	7	2,000	
	Gündüz et al. (2012) 22	7	+	Not specified	"1.4 bar"	10	1	500	
	Yang et al. (2017) sz	7	+	Swiss DolorClast® (EMS)	"2 – 3.5 bar"	3	1	2,000	
Lateral epicondylitis	Capan et al. (2016) •7	6	-	ShockMaster 500 (Gymna)	"1.8 bar"	3	7	2,000	
	Sarkar et al. (2013) 61	5	+	Masterpuls MP 100 (Storz)	0.06 (?)	3	7	2,000	
	Lee et al. (2012) 38	5	+	Swiss DolorClast® (EMS)	0.06 – 0.12 (ED+)	3	7	2,000	
	Mehra et al. (2003) 48	4	+	Swiss DolorClast [®] (EMS)	0.10 (ED ₊)	3	14	2,000	
Carpal tunnel syndrome	Wu et al. (2016) 81	7	+	Physio SW Therapy (Pagani)	"4 bar"	3	7	2,000	A similar RCT with the Swiss DolorClast® is currently of
Coccydynia	Lin et al. (2016) 42	6	+	BTL-5000 (BTL)	"3 to 4 bar"	4	7	2,000	
Proximal hamstring tendinopathy	Cacchio et al. (2011) 06	8	+	Swiss DolorClast® (EMS)	0.18 (ED+)	4	7	2,500	
Greater trochanteric pain syndrome	Weckström et al. (2016) =		(+)	Masterpuls MP 100 (Storz)	0.1 – 0.4 (ED _{total}) (2-4 bar)	3	7	3,200	
	Rompe et al. (2009b) se	5	+	Swiss DolorClast® (EMS)	0.12 (ED+)	3	7	2,000	
Knee osteoarthritis	Imamura et al. (2017) 29	9	-	Swiss DolorClast® (EMS)	Up to 0.16 (ED ₊) ⁵	3 7	7	2,000	Another RCT performed with the Swiss DolorClast [®] ar
	Li et al. (2015) 41	4	+	Swiss DolorClast® (EMS)	0.04 – 0.16 (ED ₊)	•	?	600 6	showed positive outcome when treating knee osteoar
	Rompe et al. (2007) 55	8	+	Swiss DolorClast® (EMS)	0.10 (ED ₊)	3	7	2,000	
Achilles tendinopathy Plantar fasciopathy	Rompe et al. (2008) 56	8	+	Swiss DolorClast® (EMS)	0.12 (ED+)	3	7	2,000	
	Rompe et al. (2009a) 57	8	+	Swiss DolorClast® (EMS)	0.10 (ED ₊)	3	7	2,000	
	Gerdesmeyer et al. (2008) 18	9	+	Swiss DolorClast® (EMS)	0.16 (ED ₊)	3	14	2,000	
	Ibrahim et al. (2010) 28	9	+	Swiss DolorClast® (EMS)	0.16 (ED ₊)	2	7	2,000	
	Rompe et al. (2010) 59	8 8	- +	Swiss DolorClast [®] (EMS)	0.16 (ED ₊)	3	7	2,000	In this study by Rompe et al. (2010a) on newly diagnorprogram resulted in better clinical outcome than rESV
	Lohrer et al. (2010)	0 7		Duolith SD 1 radial part (Storz) Swiss DolorClast [®] (EMS)	0.17 (ED _{total})	3	7	2,000	
	Chow & Cheing (2007) or	7	+ +	Swiss DolorClast® (EMS)	0.05 – max. tolerable ED ₊ 0.16 (ED ₊)	3	7	1,000	
	Rompe et al. (2015) 60	7	+	Swiss DolorClast [®] (EMS)	0.10 (ED+) 0.2 (?) (ED+)	3	7	2,000	
	Eslamian et al. (2016) 17	6	+	Swiss DolorClast® (EMS)	0.06 – 0.14 (ED ₊)	5	3	2,000	
	Shaheen (2010) 66 Konjen et al. (2015) 35	6	+	Swiss DolorClast [®] (EMS)	0.08 (ED ₊)	3	7	2,000	
	Ulusoy et al. (2017) 71		+ (+)	BTL-5000 (BTL)	"2.5 bar"	6	7	2,000	
	Grecco et al. (2013) 20	5	(+) +	Swiss DolorClast [®] (EMS)	0.12 (ED+)	3	7	2,000	
	Greve et al. (2009) 21	5	+	Swiss DolorClast® (EMS)	0.12 (ED ₊)	3 3	7 7	2,000	
	Marks et al. (2008) 47	5	-	Swiss DolorClast [®] (EMS)	0.12 (ED+) 0.16 (ED+)	3	3	2,000	Detential response for the persetive system of the stud
	Akinoglu et al. (2017) 12	5	+	Swiss DolorClast® (EMS)	"0.2 and 0.3 mJ/mm ² "	3	3 7	2,000 2,000	Potential reasons for the negative outcome of the stud
	Mehra et al. (2003) 44	4	+	Swiss DolorClast [®] (EMS)	0.10 (ED+)	3	14		
	Krukowska et al. (2016) 36	4	+	BTL-5000 (BTL)	"2.5 bar"	3 /	3.5	2,000 2,000	
Trigger points / myofascial pain syndrome	Cho et al. (2012) 08	5	+	JEST-2000 (Joeunmedical)	0.12 (?)	1	0.0	1,000	RCTs on trigger points / myofascial pain syndrome us
	Damian & Zalpour (2011) 12	4	+	Masterpuls MP 200 (Storz)	Not specified	5.5	7	?	no is on ingger points / myolascial pain syndrome us
	Lee & Han (2013) 39	4	-	JEST-2000 (Joeunmedical)	Not specified	1		؛ 1,000	
	Dymarek et al. (2016) 14	6	+	BTL-5000 (BTL)	0.030 (?)	1	-	1,500	
Spasticity	Vidal et al. (2011) 73	4	+	Swiss DolorClast® (EMS)	0.10 (ED ₊)	3	- 7	2,000	

¹The PEDro database (www.pedro.org.au) is a freely available database of over 37,000 randomized controlled trials (RCTs), ² Evidence-Based Medicine Level 1. ³ As of September 09, 2017, systematic reviews and clinical practice guidelines in physical and rehabilitation medicine. For each RCT, review or guideline, the PEDro database provides the citation details, the abstract, and a link to the full text, where possible. All RCTs listed in the PEDro database are independently assessed for quality (the assessment criteria are summarized in Schmitz et al., 1998). PEDro is currently the largest independent database on topics related to physical and rehabilitation medicine. It was developed by The George Institute for Global Health affiliated with the University of Sydney, Australia. ⁴ Positive outcome in a subgroup of n=46 patients with calcifying tendonitis of the shoulder. ⁵ Depending on what the patient tolerated. ⁶ 600 impulses at "0.2 mJ/mm²⁰ (most probably ED^{tell} provided in this study).

HE.	PEC	Irn

COMMENTS

with the Power⁺ handpiece, and the study by Kolk et al. (2013) nuch higher energy applied by Kvalvaag et al. (2017) compared to s of these studies.

ere also included. However, the latter is not an indication for

y ongoing.

and the Power+ handpiece (not yet listed in the PEDro database) arthritis (Zhao et al., 2013).

nosed plantar fasciopathy, a certain plantar fascia-specific stretching SWT using the Swiss DolorClast[®].

udy by Marks et al. (2008) were discussed in Schmitz et al. (2013).

using the Swiss DolorClast® are currently ongoing.