

Heat transfer to deep tissue: the effect of body fat and h

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The effect of the moisture content of a local heat source on the blood flow response of the skin. Archives of Dermatological Research, 2009, 301, 581-585.	1.9	34
2	Thermal Properties of Direct and Indirect Moxibustion. JAMS Journal of Acupuncture and Meridian Studies, 2009, 2, 273-279.	0.7	37
3	Is low-level laser therapy effective in acute or chronic low back pain?. Clinical Rheumatology, 2010, 29, 905-910.	2.2	45
4	Numerical simulation of moxibustion therapy based on simplified heat transfer model. , 2010, , .		2
5	A Device to Measure Heat Flow Through the Skin in People with Diabetes. Diabetes Technology and Therapeutics, 2010, 12, 737-743.	4.4	10
6	ELECTROPHYSICAL AGENTS - Contraindications And Precautions: An Evidence-Based Approach To Clinical Decision Making In Physical Therapy. Physiotherapy Canada Physiotherapie Canada, 2010, 62, 1-80.	0.6	84
7	The contribution of skin blood flow in warming the skin after the application of local heat; the duality of the Pennes heat equation. Medical Engineering and Physics, 2011, 33, 325-329.	1.7	27
8	Skin Moisture and Heat Transfer. , 2012, , 561-580.		0
9	Comparison of changes in facial skin temperature caused by ethyl chloride spraying, ice block rubbing and cold gel packing in healthy subjects. Journal of Oral Rehabilitation, 2012, 39, 931-940.	3.0	5
10	Changes in body core and body surface temperatures during prolonged swimming in water of 10°C—a case report. Extreme Physiology and Medicine, 2012, 1, 8.	2.5	22
11	Do Thermal Agents Affect Range of Movement and Mechanical Properties in Soft Tissues? A Systematic Review. Archives of Physical Medicine and Rehabilitation, 2013, 94, 149-163.	0.9	65
12	Effect of warm compress application on tissue temperature in healthy dogs. American Journal of Veterinary Research, 2013, 74, 448-451.	0.6	9
13	Effect of heat and cold on tendon flexibility and force to flex the human knee. Medical Science Monitor, 2013, 19, 661-667.	1.1	66
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16	Superficial heat therapy for dogs and cats, part 2: using heat therapy in practice. Companion Animal, 2015, 20, 676-684.	0.2	0
17	Cold Vs. Heat After Exercise—Is There a Clear Winner for Muscle Soreness. Journal of Strength and Conditioning Research, 2015, 29, 3245-3252.	2.1	14
18	The Effect of Thermacare Heat Wraps on Balance and Mobility in Seniors with Impaired Gait - A Cross Over Study. Journal of Physiotherapy & Physical Rehabilitation, 2016, 01, .	0.1	0

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19	Use of Low Level of Continuous Heat as an Adjunct to Physical Therapy Improves Knee Pain Recovery and the Compliance for Home Exercise in Patients With Chronic Knee Pain: A Randomized Controlled Trial. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 3107-3115.	2.1	13
20	Continuous-mode 448â€™kHz capacitive resistive monopolar radiofrequency induces greater deep blood flow changes compared to pulsed mode shortwave: a crossover study in healthy adults. <i>European Journal of Physiotherapy</i> , 2017, 19, 137-146.	1.3	12
21	The Efficacy of Sustained Heat Treatment on Delayed-Onset Muscle Soreness. <i>Clinical Journal of Sport Medicine</i> , 2017, 27, 329-337.	1.8	18
22	Use of low level of continuous heat and Ibuprofen as an adjunct to physical therapy improves pain relief, range of motion and the compliance for home exercise in patients with nonspecific neck pain: A randomized controlled trial. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2017, 30, 889-896.	1.1	18
23	Lower critical temperature and cold-induced thermogenesis of lean and overweight humans are inversely related to body mass and basal metabolic rate. <i>Journal of Thermal Biology</i> , 2017, 69, 238-248.	2.5	20
24	A Novel Thermal-activated Shape Memory Penile Prosthesis: Comparative Mechanical Testing. <i>Urology</i> , 2017, 99, 136-141.	1.0	20
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27	The thermal performance of biological tissue under moxibustion therapy. <i>Journal of Thermal Biology</i> , 2019, 83, 103-111.	2.5	12
28	Effectiveness of Salted Ice Bag Versus Cryocompression on Decreasing Intramuscular and Skin Temperature. <i>Journal of Sport Rehabilitation</i> , 2019, 28, 120-125.	1.0	7
29	Local heating of trigger points reduces neck and plantar fascia pain. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2020, 33, 21-28.	1.1	10
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32	Effects of repeated local heat therapy on skeletal muscle structure and function in humans. <i>Journal of Applied Physiology</i> , 2020, 128, 483-492.	2.5	43
33	Post-exercise Cold Water Immersion Effects on Physiological Adaptations to Resistance Training and the Underlying Mechanisms in Skeletal Muscle: A Narrative Review. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 660291.	1.8	13
34	Effect of biomechanical correction of tibia on medial joint space loading, varus deformity and functional tasks in patients with medial tibiofemoral joint osteoarthritis: a two-group pre-test, post-test randomized clinical trial study protocol. <i>Revista Pesquisa Em Fisioterapia</i> , 2021, 11, 401-410.	0.1	0
35	Brief intermittent pressure off-loading on skin microclimate in healthy adults â€™ A descriptive-correlational pilot study. <i>Journal of Tissue Viability</i> , 2021, 30, 379-394.	2.0	1
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38	Reduced endothelial function in the skin in Southeast Asians compared to Caucasians. <i>Medical Science Monitor</i> , 2012, 18, CR1-CR8.	1.1	16

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39	A comparison of whole body vibration and moist heat on lower extremity skin temperature and skin blood flow in healthy older individuals. <i>Medical Science Monitor</i> , 2012, 18, CR415-CR424.	1.1	21
40	The effect of acute administration of Vitamin D on micro vascular endothelial function in Caucasians and South Asian Indians. <i>Medical Science Monitor</i> , 2013, 19, 641-647.	1.1	6
41	The use of laser Doppler blood flow to assess the effect of acute administration of vitamin D on micro vascular endothelial function in people with diabetes. <i>Physical Therapy Rehabilitation Science</i> , 2013, 2, 63-69.	0.3	2
42	Moist Heat or Dry Heat for Delayed Onset Muscle Soreness. <i>Journal of Clinical Medicine Research</i> , 2013, 5, 416-25.	1.2	29
43	Heat pack treatment does not attenuate repeated muscle damage in collegiate females. <i>Medical Express</i> , 2015, 2, .	0.2	2
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46	Effect of aging on thermoregulatory and subjective responses during a 15-minute bath at 41 Â°C. <i>Journal of the Human-Environment System</i> , 2020, 23, 45-53.	0.1	6
48	Range of motion exercise of temporo-mandibular joint with hot pack increases occlusal force in patients with Duchenne muscular dystrophy. <i>Acta Myologica</i> , 2010, 29, 392-7.	1.5	12
49	Revisioning Obesity in Health Care Practice and Research. <i>Advances in Nursing Science</i> , 2021, Publish Ahead of Print, .	1.1	0
50	In Vivo Magnetic Resonance Thermometry for Brain and Body Temperature Variations in Canines under General Anesthesia. <i>Sensors</i> , 2022, 22, 4034.	3.8	1
51	Relationship between body composition indices and changes in body temperature due to hot pack use. <i>Journal of Physiological Anthropology</i> , 2022, 41, .	2.6	1
53	A century of exercise physiology: concepts that ignited the study of human thermoregulation. Part 3: Heat and cold tolerance during exercise. <i>European Journal of Applied Physiology</i> , 2024, 124, 1-145.	2.5	1
54	Throwing cold water on muscle growth: A systematic review with meta-analysis of the effects of postexercise cold water immersion on resistance training-induced hypertrophy. <i>European Journal of Sport Science</i> , 2024, 24, 177-189.	2.7	0
55	Magnetic hyperthermia in tissue-like media: Finite element simulation, experimental validation, parametric variations, and calibration studies. <i>Journal of Applied Physics</i> , 2024, 135, .	2.5	0