CELLIANT TECHNOLOGY / SUMMARY OF CLINICAL STUDIES

HOLOGENIX, LLC
2014

DATE	TITLE	PRINCIPAL INVESTIGATOR	SPONSORING INSTITUTION	SUMMARY RESULTS	STATUS	# OF SUBJECTS
2014	A Single Center Prospective Comparative Study to Evaluate the Performance of a Upper Torso Garment Containing 100% Celliant Fibers that Emits Far Infrared (FIR) from Ceramic Particles Contained Within the Fibers in Healthy Subjects	Dr. Ian Gordon	Hologenix, LLC	An average TcP02 gain of over 8% accross 71% of all subjects with clinically significant differences at a 99% degree of confidence.	Pending Publication	153
2012	Impacts of Subjects Socks with the Application of Celliant Technical Fibers on Trancutaneous Oxygen Pressure	Dr. Li Shoajing	Academy of Chinese Sciences	An average TCP02 gain of 17% in subjects foot.	Complete	100
2012	Effect of Celliant Materials on Pain and Strength with Chronic Elbow and Wrist Pain	Dr. Ian Gordan	University of CA, Irvine Long Beach Veteran's Affairs Medical Center	Pain reduced and 10% increase in grip strength.	Pending Publication	70
2011	Influence of Celliant of Athlete Performance & Recovery	Dr. Darren Stefanyshyn/ Dr. Jay Worobets	University of Calgary Human Performance Laboratory	Subjects consumed 1.8% less oxygen to accomplish the same ammount of work.	Published	12
2011	Double blind, placebo controlled, crossover trial on the effect of Optically Modified Polyethylene Terephthalate Fiber mattress covers on sleep disturbances in patients with chronic back pain	Dr. Marcel Hungs/ Dr. Annabel Wang	University of CA, Irvine Medical Center, Orange CA	Nighttime awakenings, sleep quality, and sleep efficiency improved. Findings significant enough to expand study.	Abstract	12
2009	Effect of Garment with 42% Celliant fiber on TCP02 Levels and Grip Strength in Healthy Subjects	Dr. Ian Gordon	University of CA, Irvine Long Beach Veteran's Affairs Medical Center	An average TCP02 gain of 7% and an average gain in grip strength of 12%.	Abstract	51
2009	Effect of Optically Modified Polyethylene Terephthalate Fiber Socks on Chronic Foot Pain	Dr. Ian Gordon/ Dr. Robyn York	University of CA, Irvine Medical Center, Orange CA	Statistically significant reduction of pain and improved comfort for subjects.	Published	55
2005	Celliant Study of Thirteen Healthy Subjects	Dr. Graham McClue	University of Texas A&M Houston, Texas	A average increase in TCP02 levels from 10% to 24%.	Abstract	13
2003	Improving Blood Flow with Celliant in the Hands and Feet of High-Risk Diabetics	Dr. Lawrence Lavery	Loyola University Chicago, Chicago, IL	An average increase in TCP02 levels from 12% in the hands and 8% in the feet.	Abstract	20

CELLIANT TECHNOLOGY / SUMMARY OF CLINICAL STUDIES UNDER DEVELOPMENT

HOLOGENIX, LLC
2014

DATE	TITLE	PRINCIPAL INVESTIGATOR	SPONSORING INSTITUTION	SUMMARY RESULTS	STATUS	# OF SUBJECTS
2013	The Sleep Effects of a Mattress Cover made with Optically Vaso-Active Fibers	Dr. Tom Roth/ Dr. Christopher Drake	Henry Ford Hospital, Detroit, MI	Pending	In Design	TBD
2013	Biological Basis of Wound Healing with Celliant Wound Dressing	Dr. Lawrence Lavery	University of Texas Southwestern Medical Center at Dallas	Pending	In Design	TBD
2013	The use of quantum dots as a biomarker for increased circulation	Dr. Shimon Weiss	UCLA Department of Chemistry and Biochemistry	Pending	In Design	N/A
2013	Celliant fabric used to protect cells from oxidative stress	Dr. Michael Hamblin	Wellman Center for Photo-medicine at Massachusetts General Hospital	Pending	In Design	N/A