

CELLIANT® TECHNOLOGY / SUMMARY OF CLINICAL STUDIES (CONTINUED)

DATE	TITLE	PRIMARY INVESTIGATOR	SPONSORING INSTITUTION	SUMMARY RESULTS	PUBLICATION	NUMBER OF SUBJECTS
2005	Celliant Study of Thirteen Healthy Subjects	Dr. Graham McClue	University of Texas A&M Houston, Texas	An average increase in TCPO2 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 TCPO2 levels from 12% in the hands and 8% in the feet.	Abstract	20

CELLIANT® TECHNOLOGY / SUMMARY OF PHYSICAL STUDIES

DATE	SUBJECT	PRIMARY INVESTIGATOR	SPONSORING INSTITUTION	PUBLISHED (YES/NO)	JOURNAL/PUBLICATION	OUTCOME
2012	Principals of IR	Dr. Michael Hamblin	Harvard/Wellman Center for Photomedicine	No	Photonics and Lasers in Medicine	Far Infrared Radiation (FIR) Its Biological Effects and Medical Applications.
2016	IR Emissivity	Dr. David Anderson	Exponent	Yes	Optics Express	Emissivity increased by .14 MW per CM2 at fabric temperature of 32 Celsius with a 42% Celliant fabric vs. control.
2016	Solar IR Emissivity	Dr. David Anderson	Exponent	Yes	Biomedical Optics Express	Emissivity increased by approximately 10x when sunlight is also used to power Celliant technology.