

# Harvard Researcher Investigates New Structural Approach to Health Care

By Dr. George B. Roth

In early 2007, I received an email from a gentleman expressing an interest in learning more about Matrix Repatterning. He identified himself simply as a physician from Boston. Dr. John H. Page, MBBS, M.Sc., Sc.D., arrived at my office in Aurora, Ontario, and it became evident that he was not *just* a physician. He is, in fact, a research scientist and an assistant professor in epidemiology in the School of Public Health at Harvard University. Dr. Page spent several more days observing patients under our care. He quickly recognized that we were, in fact, consistently able to improve bone and joint integrity, normalize ranges of motion, achieve significant improvements in musculoskeletal and fascial symmetry and tone, and relieve many conditions, which had defied many other conventional approaches.

As a result, Dr. Page decided to return on several other occasions and develop a proposal to conduct research into the clinical and scientific ramifications of Matrix Repatterning.

## Getting to the Heart of the Matter

During one of our discussions, I mentioned to Dr. Page that I found the fascia around the heart to be a primary restriction in many patients. Upon correction of these primary restrictions, I had noted that several patients' cardiac murmurs appeared to have normalized. Dr. Page subsequently confirmed this with several patients under my care.

Around the same time, I read an article about a new study about a blood test, B-Natriuretic Peptide (BNP) for cardiovascular function:

“Elevated levels of NT-proBNP predict cardiovascular morbidity and mortality, independent of other prognostic markers, and identify at-risk individuals even in the absence of systolic or diastolic dysfunction by echocardiography. Level of NT-proBNP may help guide risk stratification of high-risk individuals, such as those with coronary heart disease.”

“Why elevations in NT-proBNP level predict adverse cardiovascular outcomes is a subject of substantial investigation. Elevations of NT-proBNP level may reflect subclinical levels of ventricular dysfunction or inducible ischemia not detectable by standard echocardiographic or stress test measures. Because natriuretic peptides are secreted from the ventricle in response to wall stress from volume or pressure overload, elevations in NT-proBNP level may also signal important adverse hemodynamic alterations not captured in these other measures.<sup>4</sup>”

Based on our premise that we are releasing tension in deep core structures, such as bone,<sup>2,3</sup> and the supporting fascial elements surrounding various organs, including the heart, it was only natural that we became interested in evaluating the levels of BNP in relation to our therapeutic interventions. Under Dr. Page's supervision, we have now developed a research proposal to evaluate the effect of Matrix Repatterning on this marker. Preliminary results are promising.

## **New Horizons**

Other areas of investigation we are considering include the evaluation of osseous changes related to mechanical osteoarthritis, upper airway obstruction related to snoring and apnea, pelvic dysfunction, which we have determined to be commonly associated with urinary incontinence, infertility and erectile dysfunction, and gastro-esophageal reflux (related to visceral and diaphragmatic tension affecting hiatal closure). These clinical presentations are routinely managed successfully with the use of Matrix Repatterning.<sup>1</sup>

The purpose of the research is to validate our clinical findings using standard randomized controlled studies. It is our hope that this will open the door for further professional and public interest in, and access to, Matrix Repatterning, which we feel can greatly benefit a wide range of conditions associated with structural dysfunction. This would also provide practitioners, trained in these technologies, the skills and scope to help alleviate suffering and limited function for a much wider proportion of patients.

## **References:**

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3. Marino AA, Gross BD. Piezoelectricity in cementum, dentine and bone. *Arch Oral Biol* 1989;34:507-9.
4. Bibbins-Domingo K, Gupta R, et al. N-Terminal Fragment of the Prohormone Brain-Type Natriuretic Peptide (NT-proBNP), Cardiovascular Events, and Mortality in Patients with Stable Coronary Heart Disease. *JAMA*. 2007;297:169-176.

**Dr. George Roth, B.Sc., D.C., N.D.**



Dr. Roth is the developer of Matrix Repatterning, a breakthrough treatment system, based on the tensegrity structure of the cytoskeleton. He is the president of Wellness Systems Inc. and the Director of the Matrix Repatterning Center in Aurora Ontario. He has presented seminars at the University of Western Ontario, York University; the University of Alberta, the University Of Toronto Faculty Of Medicine, the University of Illinois, and at numerous hospital and university based symposia throughout North America. He has also appeared on radio and television programs to discuss a variety of health-related topics. He is the co-author, with Kerry D'Ambrogio PT, of Positional Release Therapy (Elsevier, 1997), and the author of The Matrix Repatterning Program for Pain Relief (New Harbinger, 2005).

**Dr. John H. Page, M.B.B.S., M.Sc., Sc. D.**



Dr. Page, Internist is an Epidemiologist and Biostatistician, and Assistant Professor at Harvard University School of Public Health. He has been involved in the study of health care systems and disease processes since 1994. As a Harvard student, he earned a Department of Biostatistics Certificate of Distinction in Teaching, and the best performance in doctoral examinations in the Department of Epidemiology. He is the author of several peer-reviewed publications, including: "Consumption of NSAIDs and the development of congestive heart failure in elderly patients", "Impact numbers in health policy decisions", "Using Bayes' nomogram to help interpret odds ratios", "Plasma Adrenal Androgens and Risk of Breast Cancer in Pre-menopausal Women", and "Plasma Adrenal Androgens and Risk of Myocardial Infarction in Older Women". As the Director of Research at the Matrix Repatterning Center he brings a significant wealth of research experience and a keen interest in determining the clinical and scientific validity of Matrix Repatterning.