

### Pro-chiropractic research text published

The trade book division of Amereon Press of New York, the world's largest book reprinter, has released "Reward Deficiency Syndrome - A Biogenic Model," by Drs. Kenneth Blum and Jay M. Holder.

The book discusses the "state of well-being" of the human mind/body and the issues that arise when a deficiency in state of well-being exists, now termed Reward Deficiency Syndrome (RDS).

Several sections of the text are devoted to the role of chiropractic from both a research perspective and treatment resource.

The preface of the text cites the contributions of the World Chiropractic Alliance and the Council on Chiropractic Practice along with such organizations as the American Medical Association, the American Psychiatric Association and the Society of Neuroscience. In the forward by David Smith, M.D., President of the American Society of Addiction Medicine, organized medicine's national leadership states, "The nervous system is especially vulnerable to chemical insult. This book authored by Dr. Blum and Dr. Holder is at the very forefront of the progress in the field."

According to Dr. Holder, "Neurotransmitters at the limbic system (brain reward cascade) and the dorsal horn of the spinal cord, result in feelings of well-being when operating properly. If an imbalance impedes the normal flow of the cascade, feelings of anxiety, anger, fear or the craving of substances which alleviate negative emotions manifest. Disruption of this brain reward cascade results in Reward Deficiency Syndrome (RDS)."

This book is the first referenced research text published that establishes the mind-body connection for chiropractic and scientifically re-establishes chiropractic's vitalistic model.

The text contains over 400 scientific references and presents the first scientific model for the vertebral subluxation complex that has stood up to scientific scrutiny, yet is vitalistic, Holder explained, adding that RDS embraces the field of psychoneuropharmacology and genetics.

To establish subluxation based chiropractic in relation to RDS vs state of well-being, Dr. Holder conducted a randomized, blind, placebo-controlled research study of 98 humans over 1.5 years in conjunction with Robert Duncan, Ph.D., biostatistician at the University of Miami School of Medicine.

The study was funded in part by the Florida Chiropractic Society. The outcomes of this study clearly establish subluxation-based chiropractic's role as a primary intervention resource in addictive and compulsive disorders and RDS.

By accident, in designing the study, a new chiropractic technique and diagnostic model was born; [Torque Release Technique](#) is the first technique in chiropractic to be discovered out of a randomized clinical trial, Holder says.

A vitalistic philosophy is based on the awareness that intelligence comes first, i.e., intelligence creates the mechanism of combining molecules to form genes, chromosomes, and cells, and to design organizational patterns for the development of suitable bodies to express through.

He continued: "Chiropractic being a deductive philosophy has a fundamental premise called 'the major premise' which states: there is a universal intelligence which is constantly giving to matter all it's qualities and characteristics, thus maintaining all matter in existence. Therefore, the basis of chiropractic and it's practice are not primarily Newtonian physics and mechanics, nor energy work, it is the communication of intelligence through touch. Intelligence gives direction to energy and organization to matter."

Kenneth Blum, Ph.D., C.A.P., research professor at the University of N. Texas and co-author of the text stated, "Anomalies to the dopamine D2 receptor genes, dopamine transporter genes and dopamine beta hydroxylase genes predispose individuals to RDS." Blum discovered the first gene associated with addictive and compulsive disorders which include Attention Deficit Hyperactivity Disorder, Tourettes Syndrome, carbohydrate binging and gambling. Current Therapeutic Research, a peer-review journal, recently published a two-year research study on the treatment of weight loss by several authors including Drs. Blum and Holder which involves the dopamine gene and RDS.

[Torque Release Technique](#) is based on the contributions of Drs. Palmer, Van Rump (DNFT), Toftness, DeJarnette(SOT), Thompson, Epstein and Logan.

An instrument was developed by Dr. Holder for the purpose of delivering an adjustment identical to that of the chiropractor's hands. Instead of delivering just axial force, the "Integrator" delivers a third dimension of force; recoil, as well as torque, all at the speed of 1/10,000th of a second.

According to Dr. Holder, two issues seem to confuse most chiropractors about [Torque Release Technique](#) and the Integrator. First, the Integrator is not required to perform [Torque Release Technique](#). Chiropractors can use their hands or any other device they wish. Second, the Integrator is unlike any other chiropractic instrument (since the doctor doesn't squeeze the Integrator to fire it) nor does it copy what other instruments do.

Holder explains that the Integrator would never have been invented at all but for the demands required to conduct a human population research study designed by Robert Duncan, Ph.D. Chiropractic researcher Christopher Kent, D.C. says, "Chiropractors interested in instrument adjusting procedures should consider [Torque Release Technique](#). It represents a tonal approach to the correction of vertebral subluxations."

In a recent interview for Drs. Patrick Gentempo and Christopher Kent's "On Purpose" subscription tape service, Dr. Holder discussed [Torque Release Technique](#) and its non-linear vitalistic model, the Integrator, his research, and the validation of the vertebral subluxation complex in relation to state of well-being, the five addictions, compulsive disorders, RDS and the Brain Reward Cascade.

In a literature review, Drs. Holder and Blum revealed only vertebrates have an opiate receptor brain reward cascade mechanism. Therefore, in spite of opioid peptides found in invertebrates, only vertebrates express a state of well-being.

In this instance the common denominator is the spine and spinal cord. If the spine is allowed to express itself without interference, the vertebrate can express a state of well-being to its greatest potential.

Wayne Menkus, D.C., CAP, FICPA, Chairman, Department of Physiology, Life College, remarked, "Finally! A program that offers a viable and successful treatment solution. Anyone wishing to improve their success will benefit from the expertise and research presented in these seminars."

Frank Sovinsky, D.C., Founder of Chiropractic Mentoring Experience said, "[Torque Release Technique](#) has opened a whole new window in which to view the tonal model of the vertebral subluxation complex, I find the Integrator's pre-load mechanism, torque capability and smooth thrust to be superior to my previous adjusting instrument."

For more information or to receive a complimentary copy of the "On Purpose" audio tape mentioned above, contact the Holder Research Institute at: 800-490-7714 or 305-535-8803.