

Matrix Repatterning and Cellular Wellness

The Role of the Internal Internet

By Dr. George Roth

Several cases in recent years suggest that Matrix Repatterning, a gentle form of manual therapy, *just may* be re-activating the cellular and structural elements of the intracellular and extracellular matrix¹, *including* stem cells (see the illustration below).

Approximately 5 years ago, I consulted on a case involving a pair of 2-year-old twin boys. When they were 1 year of age, they were both diagnosed with severe neutropenia (a reduction in the number of neutrophils – an important type of white blood cell). This condition can render the sufferer with significant susceptibility to infections. Treatment involved repeated injections of immune modulating drugs and antibiotics. The fact that the condition lasted for a full year, indicated that it was chronic and would likely not improve over time

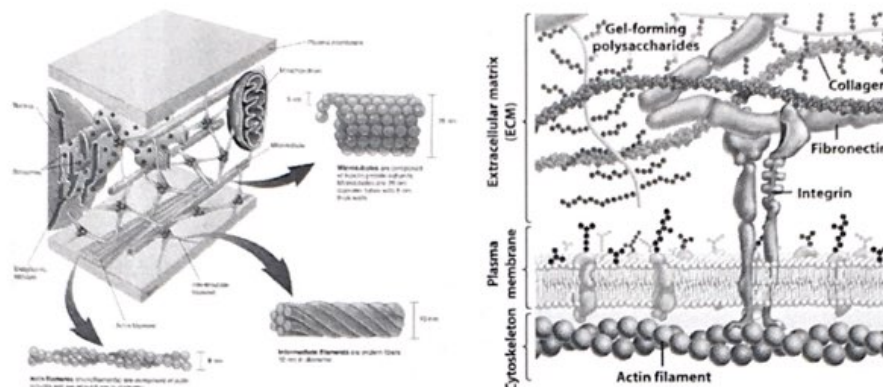
During my examination, I made a startling discovery. Both boys demonstrated an injury pattern involving the spleen, which surprised me. Although the spleen is commonly affected by impact trauma, the fact that both boys had the same injury pattern perplexed me. How had both of them been injured in the same way? It was a real mystery.

As I continued my assessment, I also discovered that both boys had a significant amount of umbilical torsion. This is a common finding in children and adults, and appears to be due to over-twisting of the umbilical cord before birth. In fact, this situation was more significant in that one of the twins had been diagnosed with a severe type of umbilical hernia called an *omphalocele*. This condition had been identified during an earlier stage of the pregnancy, and upon further questioning, the mother revealed that she had been subjected to weekly ultrasounds to monitor this potentially threatening situation. The mother, a periodontist, looked at me and asked: “I wonder if the ultrasounds could have affected their spleens.” I wondered the same thing, and speculated that the repeated concussive ultrasound waves, along with the fact that the fetal spleen is much larger and more engorged than in later stages of development, could have resulted in a type of microtrauma to the spleen. The development of neutropenia is recognized as being mediated by the spleen, and splenectomy is one of the treatments for this condition.

I proceeded to treat the umbilical torsion and the spleen injury, and after 4 sessions, felt that the structural issues were resolved. The twins were subsequently re-assessed by the pediatric hematology department. The results were shocking: for the first time since their diagnosis, the neutrophil counts were climbing! A blood test performed a month later showed a completely normal white blood cell count!

1. The matrix is the structural framework of the body, which is composed of protein filaments, polysaccharides and various cells. It has been found to form a complex communication system, which regulates many functions throughout the body.

I have followed this case for over 5 years now, seeing the twins for brief check-ups, and their condition has remained perfectly stable. They are now active, well-developed 7-year-olds, who still refer to me as Dr. "No-More-Needles".



The intracellular (cytoskeleton) and extracellular matrix.
It is hypothesized that Matrix Repatterning influences these structures.

Over the years, we have had similar success stories with other conditions, such as ITP (idiopathic thrombocytopenia – a bleeding disorder also associated with the spleen), Type I and II diabetes². Other conditions involving liver, cardiac and digestive function have also responded to treatment, resulting in normalization of laboratory tests related to these organs.

We have been developing and teaching Matrix Repatterning for over 20 years. Many of our students have reported success with many conditions that have astounded the patient as well as the medical specialists who may have been involved with the case. We have speculated that we may be influencing the intracellular and extracellular matrix, which are part of an astounding structural and electrochemical communication system – the *internal internet* – we are just beginning to fully appreciate. Clinical results, like those described in this article, appear to suggest that this may indeed be the case.

2. We speculate that certain structural injuries can impair the blood supply to the pancreas. In addition, one of the most common sites of injury treated with Matrix Repatterning is bone itself, which absorbs much of the injury in impact trauma. Interestingly, a newly discovered hormone, called osteocalcin produced in the bones, appears to have a significant influence on pancreatic function and insulin receptivity within the cells.