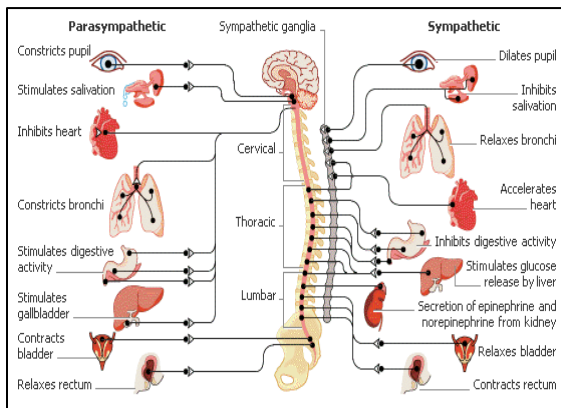


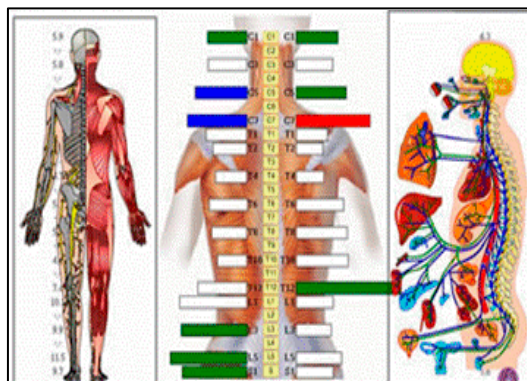
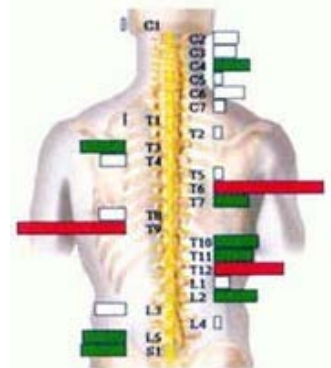
# The “Clinical Imaging” Difference!

Part of the difference you will experience in your visit to LeVan Family Chiropractic and Wellness Center is the **Insight Infrared Imaging Technology** employed by the center to better evaluate how best to provide you care. Our new centerpiece for evaluation is a neurological, computerized series of spinal examinations which is **certified by the Space Foundation, a non-profit organization co-founded by NASA**. These diagnostic technologies are safe, pain free and quick and easy to perform. They are uniquely able to show your results in color-coded visual images that are easily understandable. This powerful, non-invasive, protocol measures up to three different patterns of hidden tension and pressure affecting the spinal-nerve system and your health.



**1. Para-spinal Thermal imaging** looks at the temperature along each side of your spine and is used to assess the part of your nerve system that helps control your organs, glands, and blood vessels - **the autonomic nerve system**. The body's temperature controls are affected by pressure and tension in the spinal nerves. Variations in temperature between the left and right sides of the spine are an indicator of **excessive muscle guarding**. Since proper function of your organs, glands, and blood vessels is essential to healing and living well, this test gives us a ‘**snapshot**’ of how this portion of your nerve system is working and how it is responding to care.

**2. Surface Electromyography (SEMG)** assesses the electrical current in the muscles that support your spine. Your muscles are controlled by nerves. The exam helps identify areas and **patterns of abnormal tension and stress**. The SEMG measures how well the motor nerves are working by reading the amount of current found in the muscles. Subluxations disturb the function of the nerve causing an abnormal amount (too much or too little) of electrical current flowing to your muscles (indicated by colors and/or abnormal patterns). Additionally, altered spinal position or brain function creates muscle imbalance. This reveals an increased amount of tension/pull on one side compared to the other (**similar to a tug of war.**) Surface EMG is comparable to an "EKG" for the heart.



**3. Heart Rate Variability (HRV)** (aka: Pulse Wave Profiler) helps in determining your overall ability to **adapt** to the environment. **It does so by looking at the timing of your pulse, and determining the balance and tone of your nerve system**. This is an exciting, leading edge technology that very few health care offices of any kind have. Proper balance and tone are associated with better adaptability and a healthy lifestyle. Everything from anxiety, work and family pressures, poor diet, and lack of exercise or old injuries can leave a strain on the body's stress management systems. **Low heart rate variability is associated with aging and poor heart health.**

HRV gives us an accurate reading on the amount of "**reserve**" you have available for keeping up with the daily demands. It is also an excellent method for tracking how well you are recovering and regaining your vital energy.