



BRAIN BODY
CONNECT

Principles of NIS

The Scientific Basis of the
Neurological Integration System

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Our bodies are self-renewing, self-regulating,
self-healing organisms.

The central nervous system monitors and regulates all function in the body, even at the cellular level.

Central nervous system control is automatic. The majority of our body functions are *not* under our conscious control. The Central nervous system operates mostly at a subconscious level.

The automated signaling between the brain and the body can be disrupted by excessive *neurological, pathological, physiological, and emotional* stress.

Each individual has tolerance levels to stressors which are determined by multiple factors, including genetics, lifestyle, environment etc.

When an individual's tolerance to these stressors are exceeded, signaling disruptions can occur. This causes a “disconnect” in neural networks and pathways, which in turn gives rise to symptom patterns as functional capacity is diminished.

Every event we experience in our life is recorded by the brain. Therefore the brain can always formulate the most accurate assessment for evaluating and correcting any dysfunction in the body.

Signaling disruptions create symptom patterns which attract a “labeling” mentality. While a symptom can reflect what is happening in the body, it does not reveal the cause behind it.

The patient’s brain is ultimately our best resource for understanding the cause of any symptom picture.

Labeling can detract from the fundamental understanding of causation, and often leads to some form of intervention.

The patient's brain understands the complexities of what is happening in the body at a level which far exceeds our intellectual understanding. While diagnostic tests can reveal valuable information, they do not inform us as to the cause of a pathology.

With NIS, we rely on neurological feedback from the patient's brain to evaluate a patient's symptoms rather than our opinion or diagnosis of the patient's condition.

As NIS practitioners, we are not intervening in the automated function of the CNS. Instead, we rely on the neurological response from the brain to initiate all corrections relating to body function.

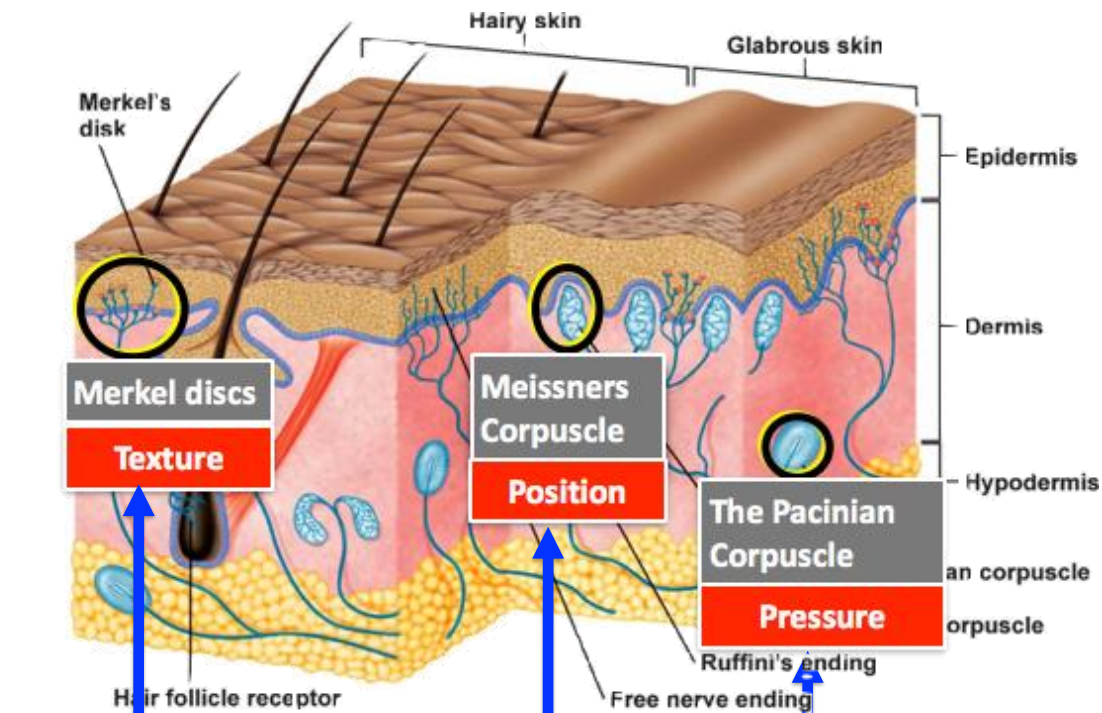
The changes initiated by the brain in restoring disrupted signals are infinitely complex and are beyond our capacity for intellectual understanding.

These corrections are 100% accurate and 100% safe, since we are not intervening in the automated function of the CNS.

All we are doing is prompting the brain to recognize and restore the disrupted signaling patterns. The integrative function of the brain is a collaboration of all the mechanisms contributing to homeostatic control.

NIS uses the Post Central Gyrus (PCG) to initiate corrections by the brain. The PCG is the main sensory receiving area for the sense of touch. It receives sensory input from a variety of touch receptors. When we touch receptors on skin contact points associated with disrupted signaling pathways, this input is registered in the PCG.

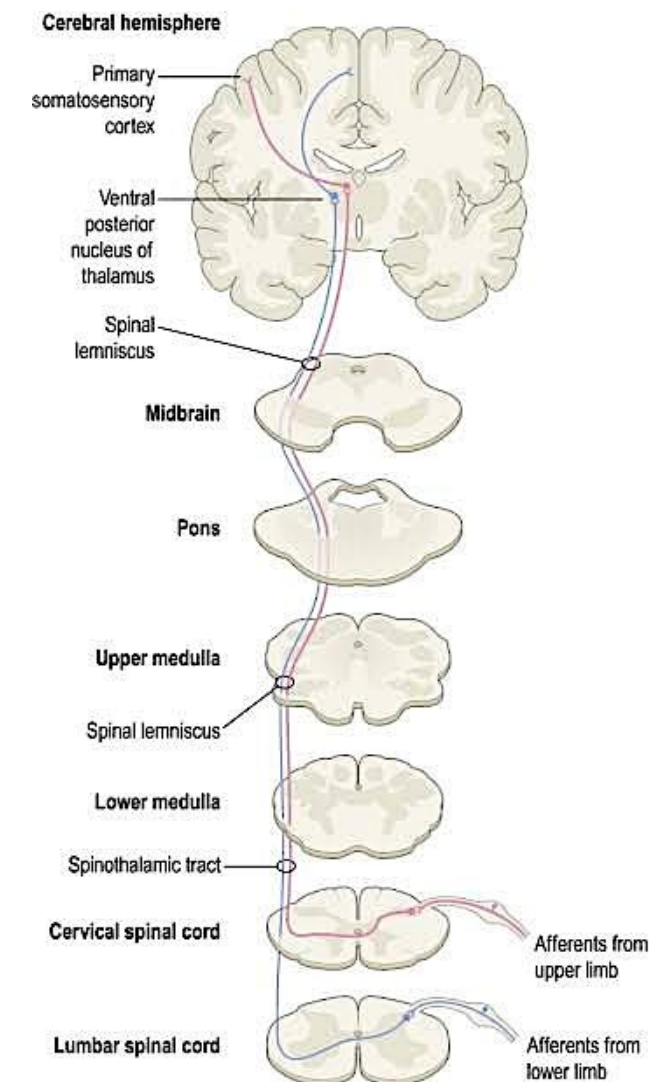
POST CENTRAL GYRUS - SENSORY PERCEPTION



MERKEL'S DISKS. DISCRIMINATE FOR LIGHT TOUCH

MEISSNERS CORPUSCLES DISCRIMINATE & MEDIATE FINE SENSATION RELATING TO SKIN MOVEMENT

PACINIAN CORPUSCLES DISCRIMINATE & MEDIATE PRESSURE AND VIBRATION



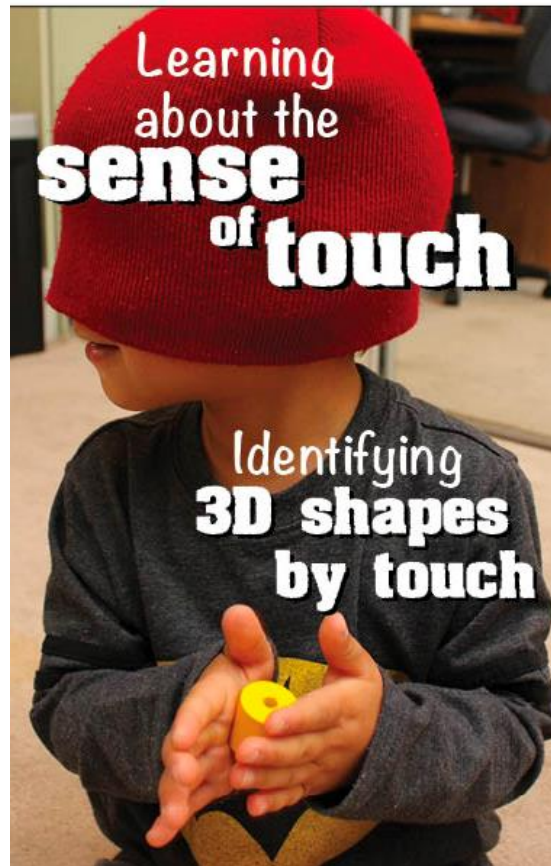
THESE SENSATIONS PROJECT CENTRALLY VIA SPINOTHALAMIC TRACTS & THE DORSAL COLUMN MEDIAL LEMNISCUS PATHWAY. THIS PATHWAY IS DIRECTLY ASSOCIATED WITH THE (PCG) POST CENTRAL GYRUS.



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PCG SENSORY PERCEPTION

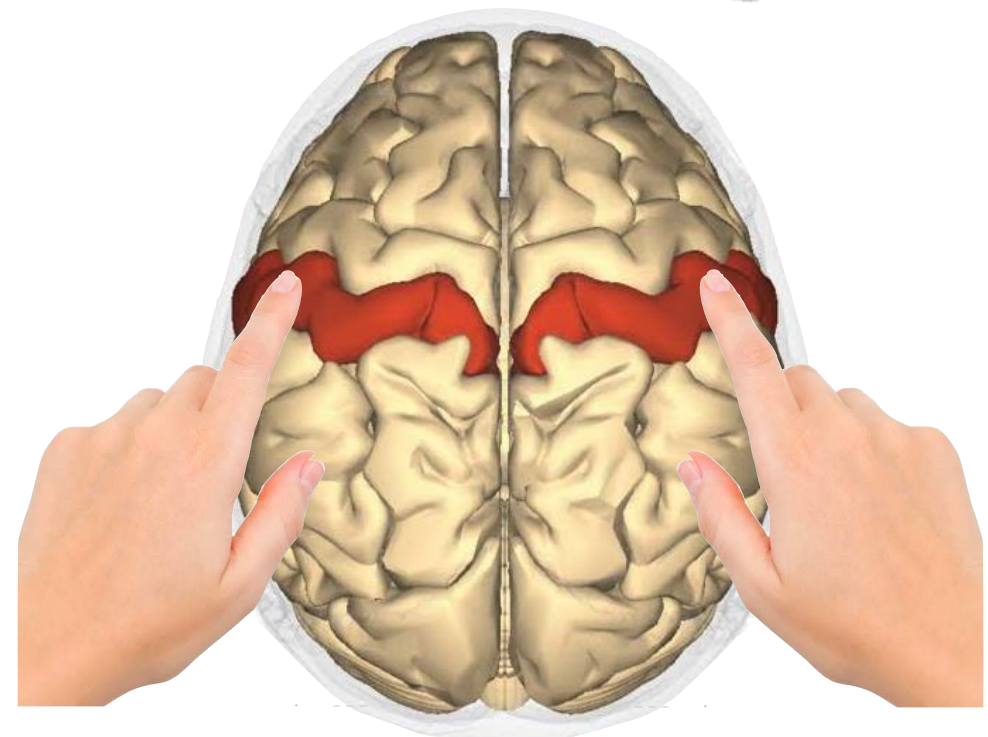
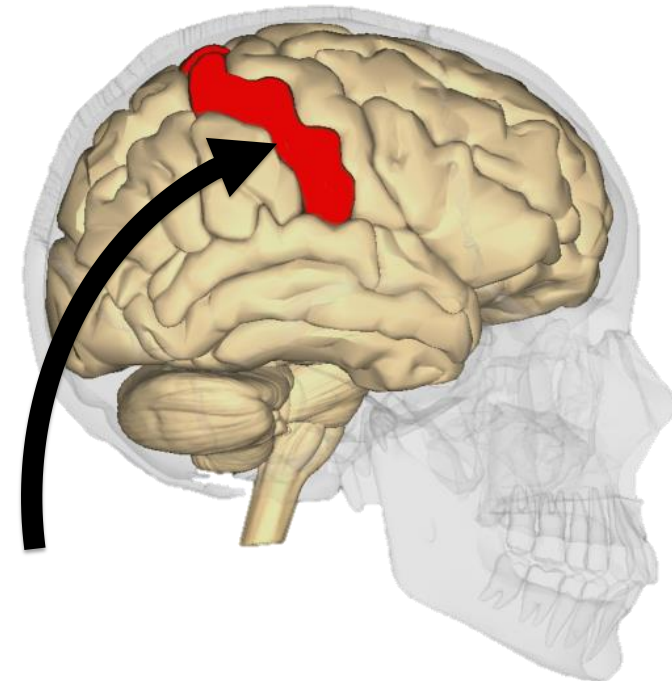


The recognition of **form and texture** by touch is called **STEREOGNOSIS**.



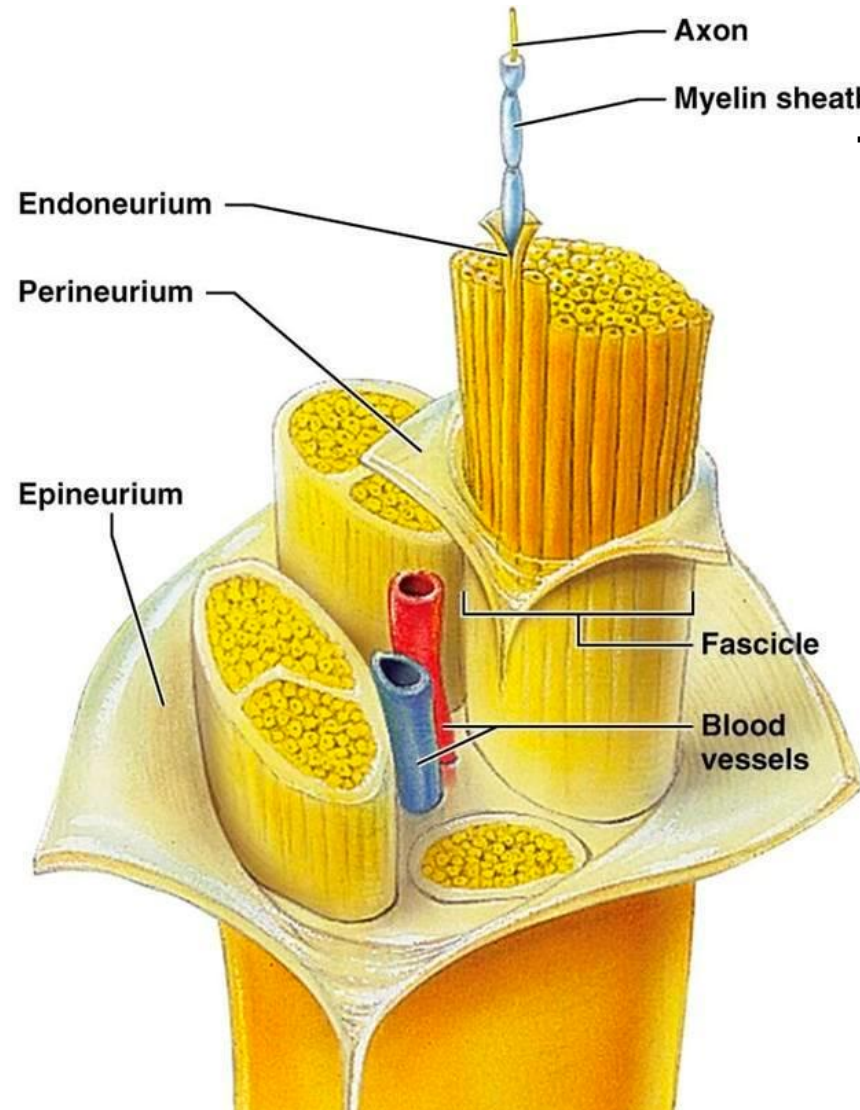
Also the ability to recognise the **position of body parts** in space is called **STATOGNOSIS**.

POST CENTRAL GYRUS INTEGRATION



By collectively tapping this area for a few seconds, the selected body contact point/s allow sensorimotor coherence recognition by the CNS

PERINEURAL SYSTEM



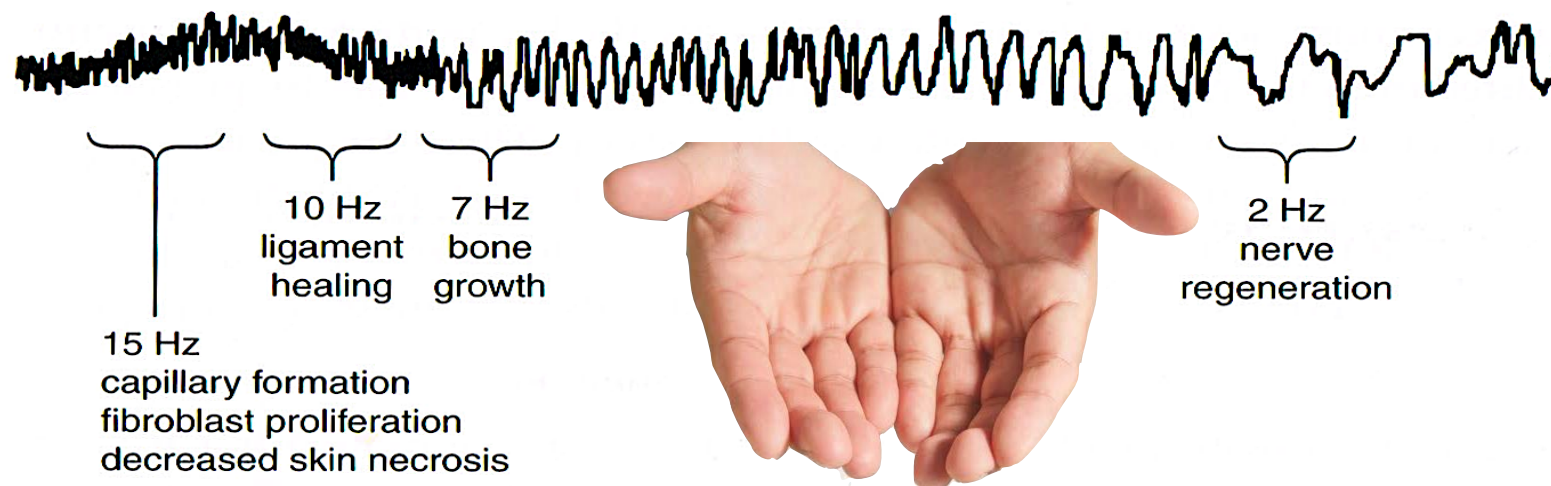
A very high-speed communication networking link surrounding the entire nervous system.

Every nerve fibre in the body is completely encased in perineural cells operating on a direct low voltage current controlling injury repair.

Oscillations of direct current (brain waves) directs the overall operation of the nervous system.

The system is sensitive to magnetic fields, which are influenced by the practitioner's touch.

The basis of this research is known as the 'TRANSVERSE HALL' EFFECT, which indicates that semi conduction is taking place.



The frequency emitted from the hands of the practitioner varies from 0.3 to 30 Hz.

Such a frequency is regarded as ELF (extra low frequency).

Research has indicated that frequencies between 2 and 30 Hz are vital and significant in the regeneration of nerve, bone, ligament and fibroblasts.

By gently tapping over the PCG while holding contacts on the skin relating to disrupted signaling pathways, the recognition of the signal disruption pattern is reinforced in the CNS. This in turn initiates a complex cascade of neurological activity to restore normal signaling and function.



Principles and Logic of NIS

NIS

Practitioner relies on the neurological feedback and response from the brain to initiate all corrections relating to human body function.



No intervention is necessary



Other Modalities

Practitioner relies on other sources of information and performs some procedure to initiate a response in the body.



Intervention deemed necessary



Whose nervous system are you relying on to help your patients?



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NIS IS ***NOT***
Energy, Alternative or Complementary
Medicine

NIS ***IS***
A system of healthcare based on sound scientific
principles

NIS IS ***NOT***
A Technique or Intervention

NIS ***IS***
An inquiry into the brain's understanding
of the totality of systemic function in
current time

NIS IS ***NOT***

Reliant on a practitioner's intent or rational understanding of the patient's condition

NIS ***IS***

Reliant on what the patient's brain understands in the moment and it's ability to make the corrections necessary to restore homeostasis and normal function

“The intuitive mind is a sacred gift and the rational mind is
a faithful servant.

We have created a society that honors the servant and
has forgotten the gift”

Albert Einstein