

The Language of Touch (A Trigger Point Thesaurus)

Simeon NielAsher © 2020

simeon@triggerpoints3d.com

WHAT WE WILL BE EXPLORING

First in a series of workshops

- Why do we touch?
- Touch as a language
- The Five senses
- Touch topography
- Social Grooming
- Neuropharmacy
 - Touch Pathways
- Maps and The Mind
- Touch as an Input
- Trigger Points 101
- Holding Patterns
- Conclusions
- Overview of workshops

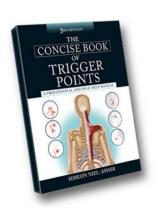


Why Me?

Why Touch?

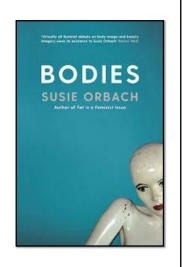
- Compulsion
- Osteopath since 1992
- · The "Coronopause"
- Cure for FSS
- · Moving abroad
- Lack of Language Used Hands for communication
- Touching the pain a Universal Language

- Trigger Point Therapy Special interest in FSS since 1997
- · Shoulder hold deep secrets
- About NAT
- · Paradigm shift
- NAT Body adopts holding patterns
- around injury
- NAT deliberately uses painful touch nociceptive pain algorithms as
- NAT views pain as an Input
- NAT causes changes at level of reflexes such as PIR, RI and proprioceptive mechanisms

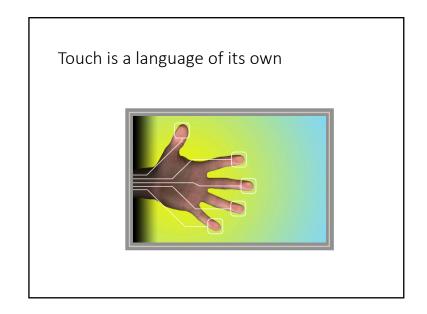


Age of disembodiment

- Problem of the modern age
- · Now that we no longer use our bodies to make things we make our bodies instead.
- · Our bodies are the product
- · Body obsession is rife
- Stories:
 - Polio Envy
 - School bus
 - Dismorphia
- · Identity is a function of mind
- · Loss of connection to body
- Sexual identity is plastic
- · Computers gaming Avatars



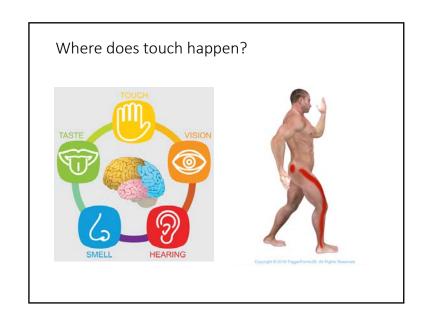




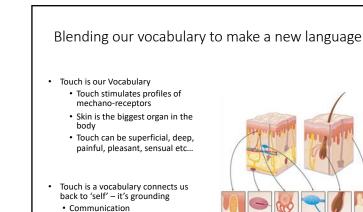
What is the Language of Touch?

- In an age of disembodiment -Touch is more important than ever
- 4 P's Powerful, Preverbal, Primal (primate) and Profound
- A yearning and an instinct for intimacy
- Affirming our sense of self embodiment
- YET Outsourced because of social taboos
- Removed from modern medicine – sanitized of touch
- Removed by technology 'loss of embodiment'
- · We are the High priests of touch







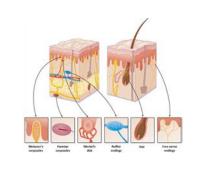


Physical

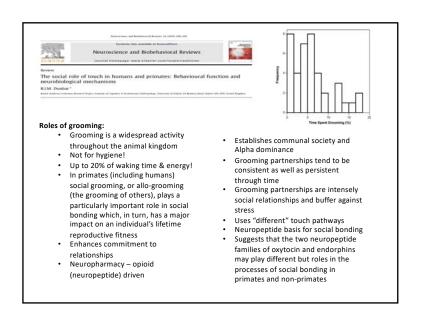
Spiritual

· Emotional & Psychological

Psychopharmacology



Lets start with monkeys



TWIST AND PINCH

The "soft" touches that arise from the gentler sweeping movements common during grooming may activate a class of slow unmyelinated CT-afferent fibres that project to both the limbic system and the orbitofrontal cortex (Francis et al., 1999; Olausson et al., 2002).

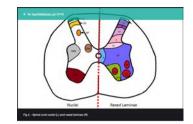
- CT fibers project to the brain's reward centers including the medial prefrontal cortex and orbitofrontal cortex
- This route is quite distinct from the more conventional somatosensory routes (touch, pain, heat and itch) that underpin discriminative touch sensation and involve low threshold mechanoreceptors in the skin and fast, large diameter A- beta afferents projecting to the sensory cortex; instead, the CT- afferents appear to give rise to a pleasant sensation of light touch when skin is stroked lightly (McGlone et al., 2007).

Grooming by primates can also be quite rough, the effect being not unlike that of massage: it is initially mildly painful but then gradually becomes pleasant.



Touch and the Spinal Cord

- Soft touch (cranial) lamina III of spinal cord
- Soft tissue lamina V of spinal cord + afferent C fibers + Limbic + Neuropharmacy
- Trigger points lamina VI spinal reflex loops



Touch, Neuropharmacy and the CNS

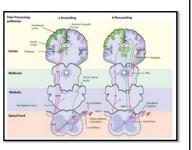
- Central importance of oxytocin, equally good evidence for a role for endorphins.
- Neuropeptide basis for social bonding, the neuroendrocrine pathways
 - · Reduced glucocorticoid titre (stress)
 - Oxytocin
 - Cortisol
 - · Arginine Vasopressin (pair bonding)
 - Endorphins
 - Stress
 - · well being
 - · Menstrual connection
- Opioids are thought to derive from fibres
 that arise in the arcuate nucleus of the
 hypothalamus and target a number of brain
 regions that express opiate receptors (OR),
 including the brain-stem, basal ganglia and
 corticolimbic regions, as well as in
 hypothalamic nuclei where the neurons for
 other potentially important neuropeptides
 such as oxytocin and vasopressin) are
 located.

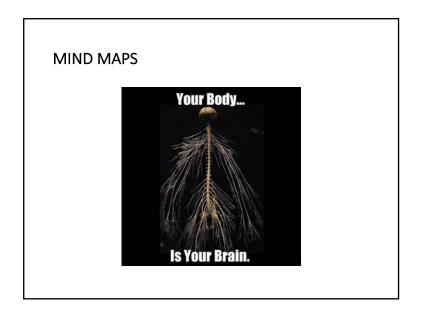


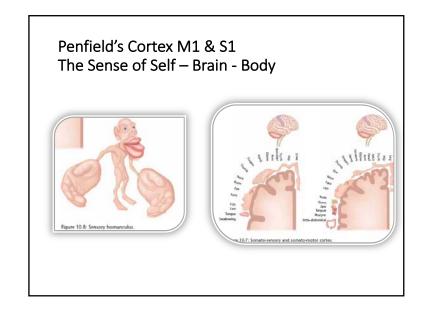
Pain, Touch and the Mind

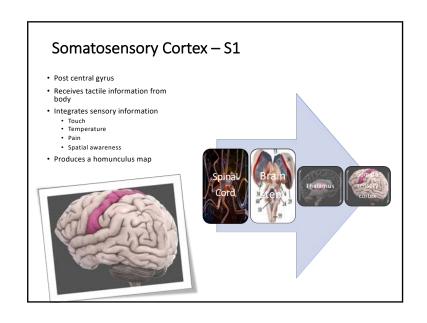
- So:
- · Touch is communication
- Touch can be soft or rough
- · Touch lowers stress
- · Touch increases trust
- · Touch is bonding
- · Touch induces
- Touch introduces our self to ourselves
- Touch affects the PNS (spinal reflexes) and CNS pharmacological changes

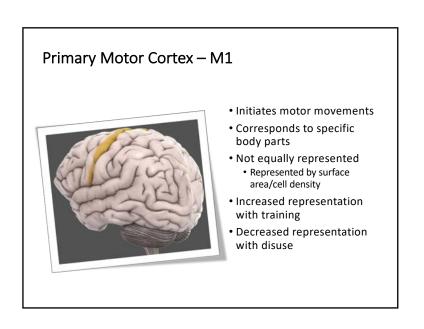
What about therapeutic touch?

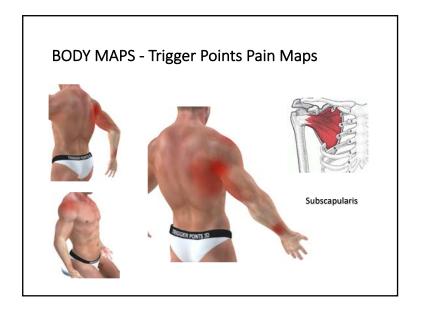




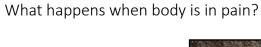






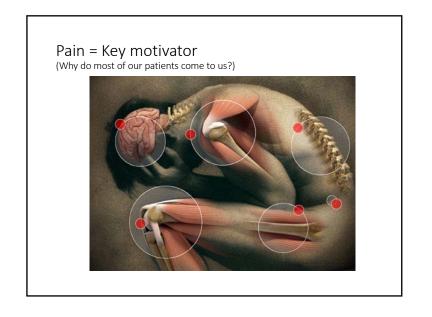






- \bullet The gift of pain!
 - Feedback
 - Think of Charcots Joints or Neuropathies
 - Localization Where?
 - Structure TCS
 - Nature of the pain
 - Chronicity
 - Daily Pattern
 - · All tell us something

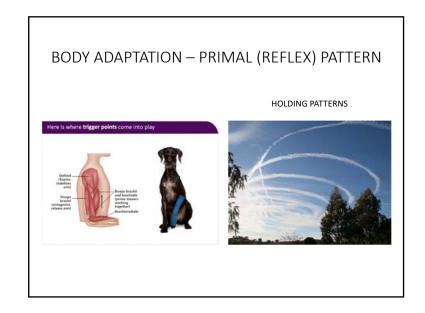




6





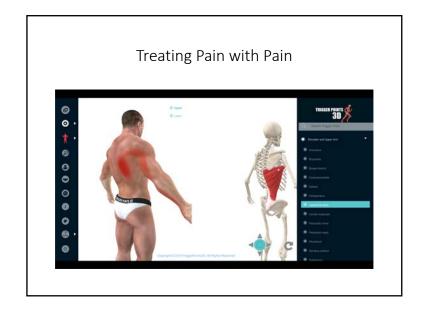


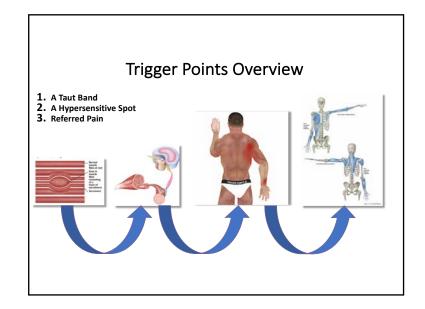


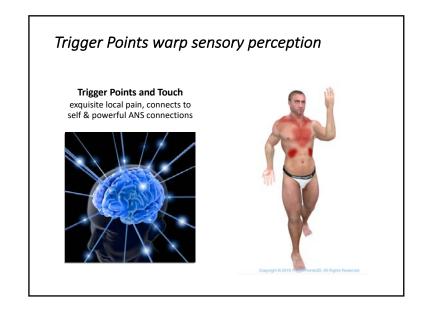
Painful Touch?

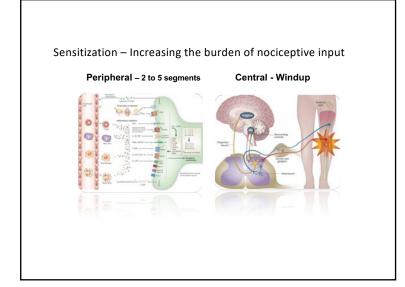
- Therapeutic pain good pain?
- Highly motivating signal
- Reproducing the exact symptoms during treatment
- Its' own language the language of the nervous system
- Integrating the pain reconnecting to source
- Touch is an Input
- Changes/Shifts holding patterns











Lecture Series - APM

- The Language of Touch
- A Trigger Point Thesaurus
- Face, Head and Neck Pain
- Greater Occipital Neuralgia (GON)
- Whiplash Associated Disorder (WAD)
- Shoulder and Upper Arm Pain
 - Rotator Cuff Syndromes (RCT)
 - Sub Acromial Pain Syndrome (SPS) (RCT)
- Forearm and Hand Pain
 - Lateral Epicondylalgia The Tennis Elbow
 - Carpal Tunnel Syndrome
 - Pronator Teres Syndrome

- Torso and Spine Pain
 - T4 Syndrome
 - Spondylolisthesis
- Lumbo-Pelvic Pain
 - Lumbo-Pelvic Pain
 - The SI and the Sacrotuberous ligament
 - Sciatica and the piriformis
- Knee and Foot Pain
 - Runners Knee
 - · Achilles Tendinopathy
 - Planter Fasciitis/Heel pain
- Chaos, Vitalism and "Super trigger points"
 - Trigger points as strange attractors

Conclusions

- Touch is Powerful, Preverbal, Primal (primate) and Profound
- The nervous system and brain adjust to pain and injury
- The brain works in maps
- Touch directly affects the brain, its maps and its Neuropharmacy
- Modifying and modulating touch inputs (topography) changes motor output

What next?