

# Body of Knowledge

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## WAYS TO REDUCE CHRONIC PAIN

When you begin to work on reducing pain, it's likely to go slower than you want. You may continue to be angry that your life is not normal, that you can't do what other people do and that everything takes so long. Respect and acknowledge every emotion and negative thought; and let these thoughts know that they aren't the whole truth. You are bigger than, love is bigger than, your health is stronger than and your commitment is more than these feelings. When it is a particularly discouraging time look at your resources and give yourself more time. Remember these important approaches:

### 1. Add competing sensory input.

Sensory gating, the processing and perception of sensory information is reduced by presence of competing sensory input. The nerves can only send so many messages at a time, the most novel, frequently changing stimulus is what the brain chooses to pay attention to. Brisk rubbing and deep pressure will compete with pain for neural pathways, which is why we squeeze a body part after we have bumped it. Vigorous exercise floods the brain with sensory input as does novel stimulus which can distract as well as compete for neural pathways.

### 2. Take corrective action.

Your mind wants to know you are going to deal with this problem. That's why your brain created pain in the first place, to alert you to something gone wrong. What will tell your brain that the problem will be handled? First acknowledge the pain so there is no reason for it to increase, assuring that you noticed something needs to change. Pain breeds pain don't ignore it. You can try a placebo, information or rest. Or increase breath, do slow movement, change the technique of what you are doing. Remind yourself that you are not injured just experiencing a habitual pain response that you are changing. Your corrective action will be specific to you and what you are doing. You are giving yourself a little more control. Pain breeds pain don't just ignore it.

### 3. Increase the body maps

Movement and touch that is mindful novel, curious, exploratory, active and purposeful will help build more detailed complex maps of the body in your brain. Especially movement that is slow and small that you pay close attention to. The greater the detail of our body maps the more nuanced our brain can process information from our bodies.

### 4. Down regulate

Pain affects the autonomic nervous system, you want to ingenerate a parasympathic response (rest and digest). Breath is a primary way the autonomic nervous system is controlled, have a bunch of breathing practices written on index cards that you can easily follow, or use recorded breath and relaxation exercises. Meditation is another way to calm an over active nervous system. It is easy to find recorded meditations online.

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### 5. Global interventions

Good sleep, good food, exercise and meditation/mindfulness affect all body systems positively and so has a positive impact on pain. Some tools you have when pain begins to escalate:

Breath    Imagination    Tapping    Guided recordings    Distractions

When a technique isn't making a difference try something else, or try it at a later time. You are developing a relationship with an approach, you want to have faith that it will help and confidence that you are doing it right. Here are some more approaches to experiment with.

Attention:

- What is the most painful place?
- How can you describe it in detail, use lots of adjectives, images, sensory words.
- Put your focus 100% on a breath practice do it for 3 minutes.
- Now check back in with the painful area. How has it changed? Increase or decrease in pain or unchanged? What are the descriptors for this area now?
- Repeat as many times as feels right.
- If you have time when you are done spend a little time processing by drawing, doodling, journaling or other work with your hands.

Imagination:

- Look at your arm, really see it take it in.
- Close your eyes and feel your arm, just focus on one. How alive does it feel?
- With eyes closed (opened if that is more comfortable, but stay movement focused.) Move your arm as if you are moving fluid, very thick water. Take your time, luxuriate.
- Sense your arm again with your eyes closed. How is it different than your other arm? How alive or aware does it feel now?

Vibrations:

- Hum in a deep low tone. Can you feel the vibration in your skull? Take your time, explore different tones, relax your jaw. When you feel it in your skull try to experience the vibrations other places in your body.

From Dr Leonard Laskow: "Return to the natural order and harmony of the normal cell line."

- Inform, tell the truth about what is
- Conform, love the condition, resonate with it
- Un-form, release it, convert particulate matter to its wave form and from wave back to matter.
- Reform, the released energy to our purpose and desire and let go of the outcome.

What daily choices can I personally make to reinforce this emergent worldview?

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Pressure point tapping:

Karate chop side of hands saying (change as needed) “Even though I am feeling this pain.....I fully and completely accept myself. I know these sensations are caused by a mind body syndrome and I am healthy and not causing injury to myself.” Notice sensations, emotions, thoughts, you can continue and change the statement as you see fit.

**RAIN** (Tara Brach) The unforgiven places are the ones that give us the most suffering (shame & self-aversion). Connect to nature, feel its love and forgiveness, let the grief emerge from under the shame. Hand on heart and say “I’m sorry; I love you”.

**R** Recognize: what is happening to me right now? The sacred art of pause.

**A** Allow: Can I be with this? I consent, yes. Not approve just acknowledge.

**I** Investigate: Get more intimate with what is happening, what are you believing about yourself?

**N** Non-identifying: You are more than this feeling, pain, etc. You are the entire ocean.

Use physical pain as a guide to introspection “what am I feeling?” Is this an inability to tolerate certain emotional experiences? We perceive physical symptoms instead of certain emotions because the unconscious mind/body considers them to be less painful, less dangerous or harmful than emotions. Interrupt the story to call attention to the mindbody experience.

Meditation Apps:

Physiological: Fitbit, Tinke

Mindfulness: headspace, smiling mind, Buddhafiy

HeartMath makes a handheld biofeedback device called EmWave