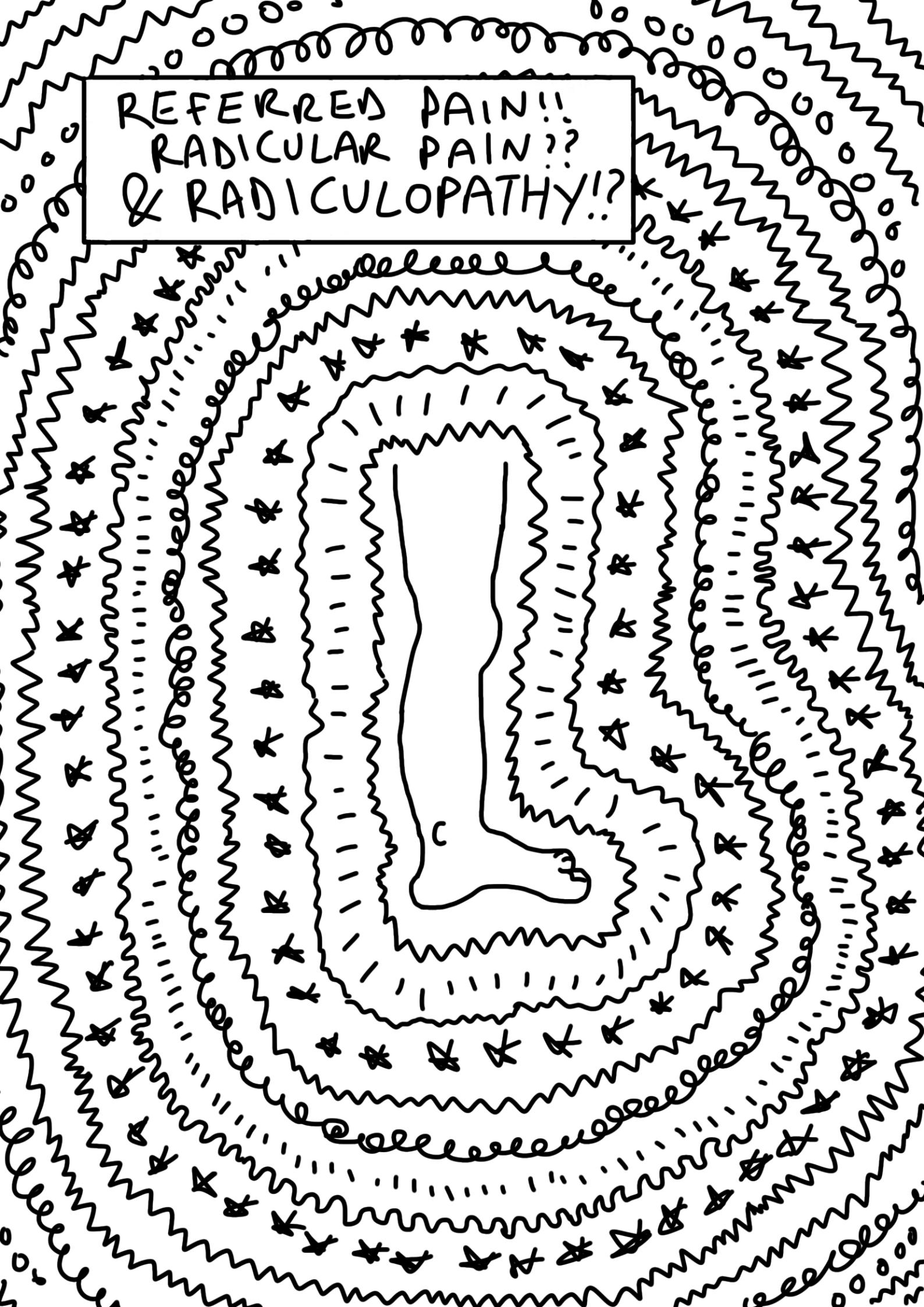


REFERRED PAIN!!
RADICULAR PAIN??
& RADICULOPATHY!?



@thomas-jesson^

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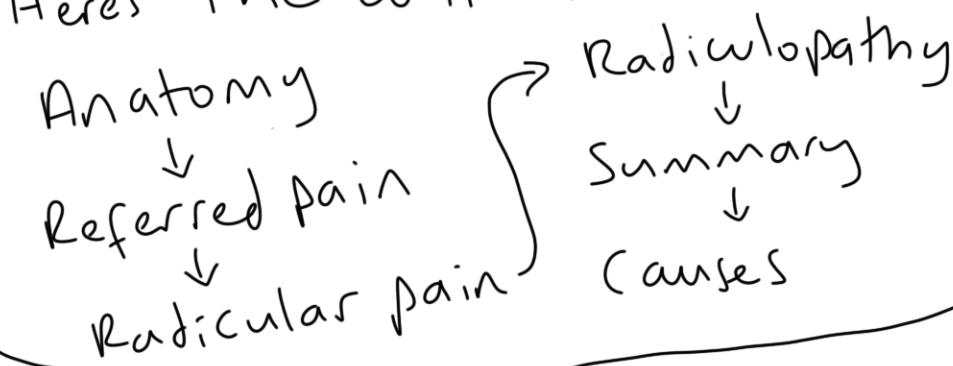
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What you're reading...



This little 'zine' explains the difference between three commonly-confused phrases: REFERRED PAIN, RADICULAR PAIN, and RADICULOPATHY

Here's the contents:



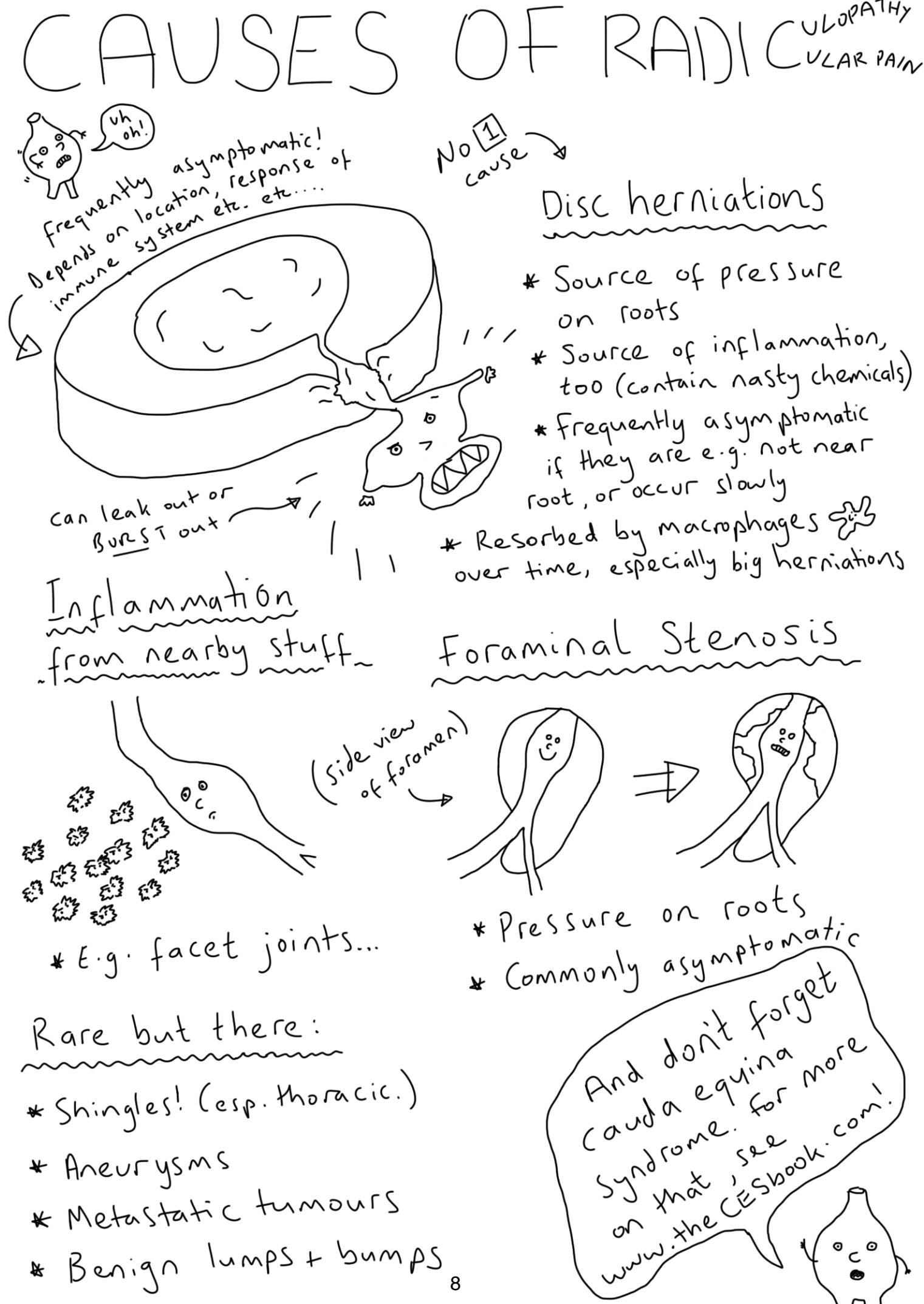
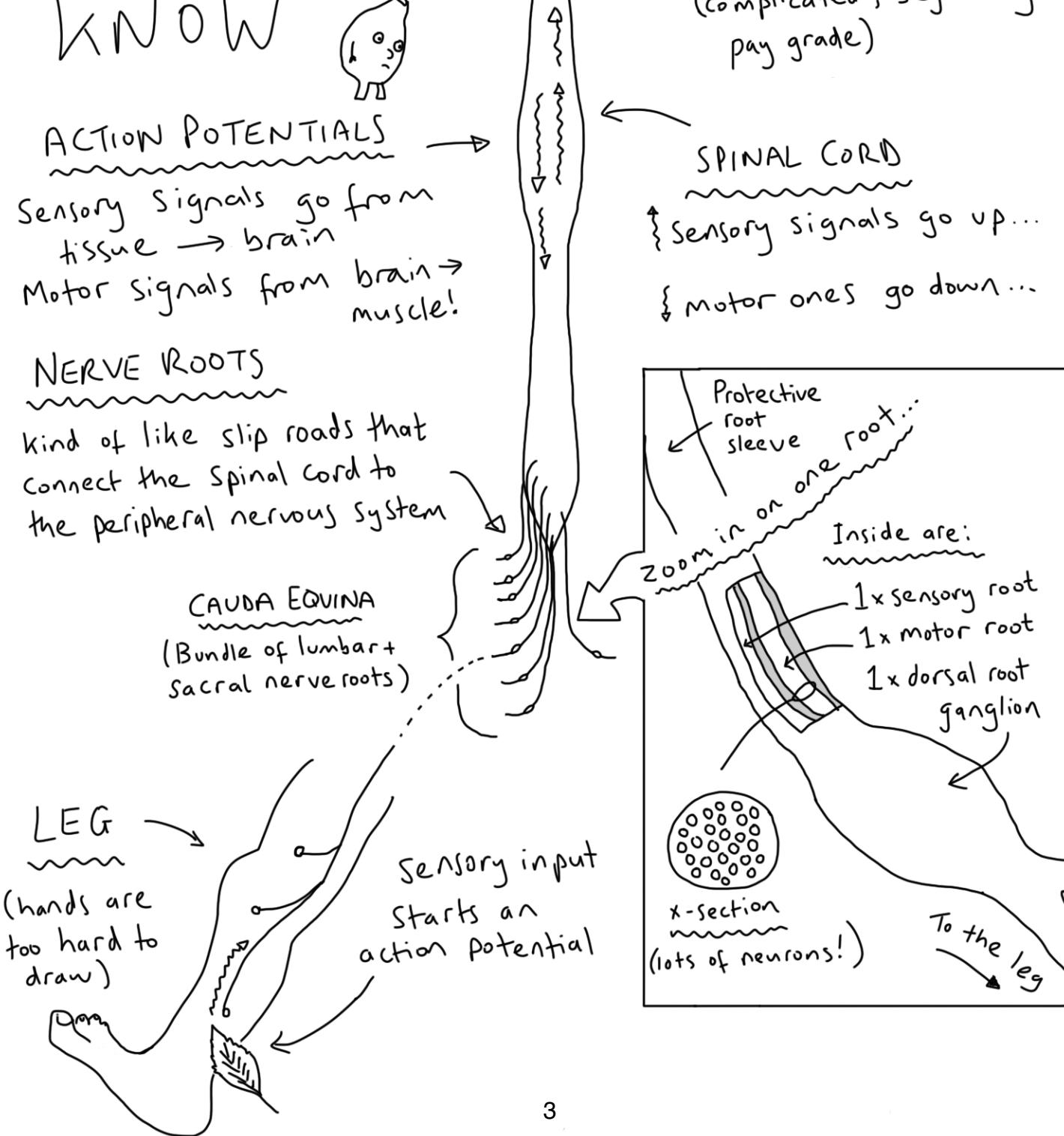
Oh, and I invented this weird character. He pops up throughout the zine... he's supposed to be a DORSAL ROOT GANGLION.



9 To be continued...?

ANATOMY

YOU'LL
WANT
TO
KNOW

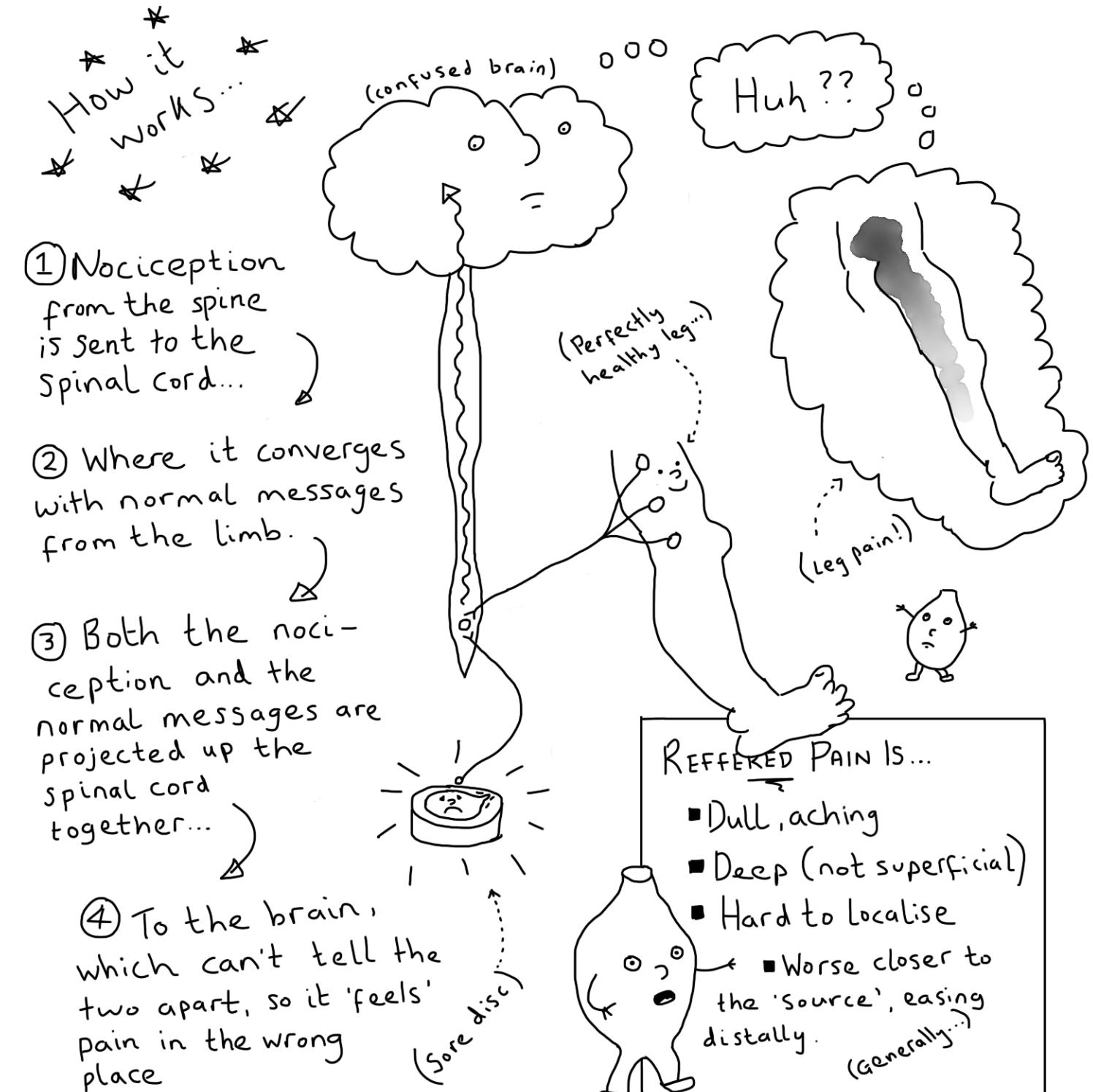
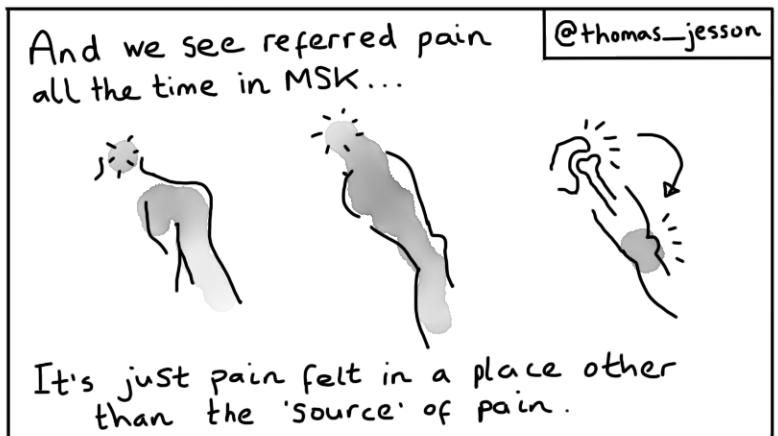


In summary ...

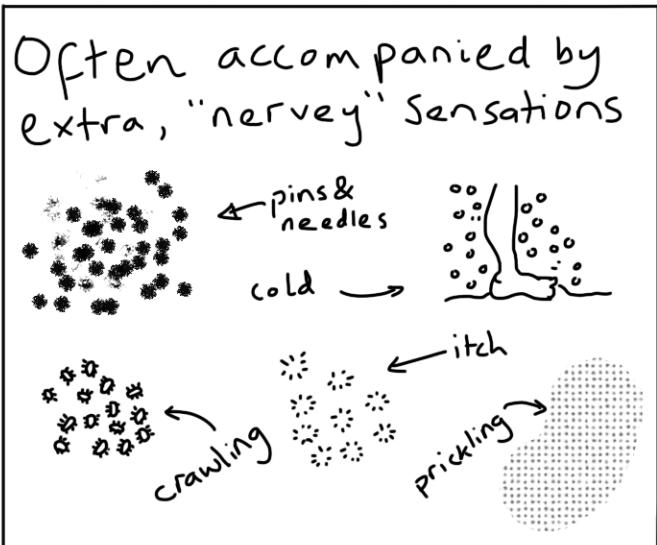
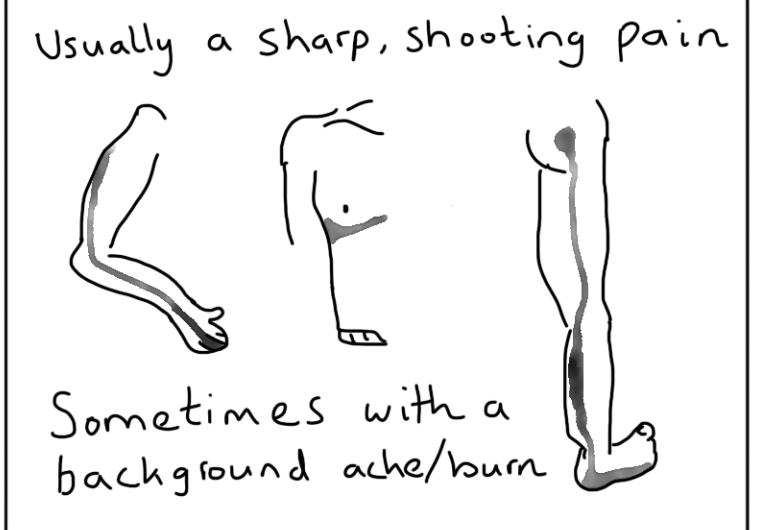
	Symptoms/Signs	Mechanism
Referred Pain	Dull, aching, difficult to localize	"Convergence-projection" Injury → Not injury
Radicular Pain	Lancinating, shocking, electrical, often in a dermatome (ish) band,	"Ectopic" impulses from root +/or ganglion (Ectopic = "wrong place")
Radiculopathy	Objective neuro signs: ↓ reflexes ↓ power ↓ sensation	Conduction block at nerve root



REFERRED PAIN



RADICULAR PAIN



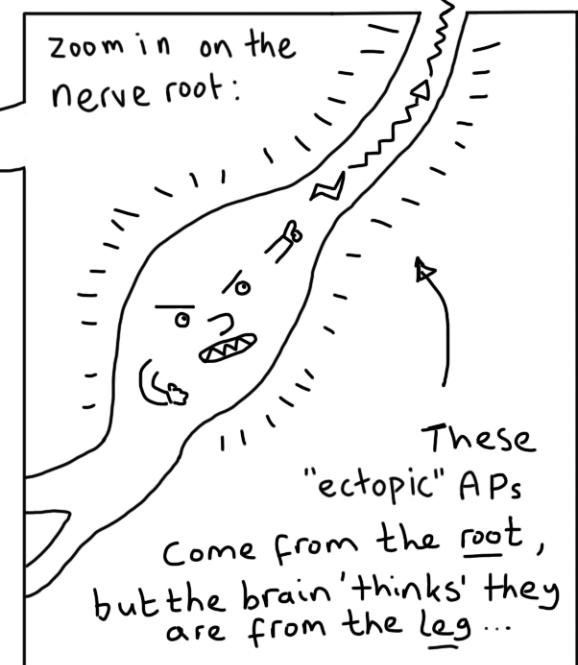
- Often worse distally than proximally
- Can be SEVERE

* * * * *
How IT WORKS
* * * * *

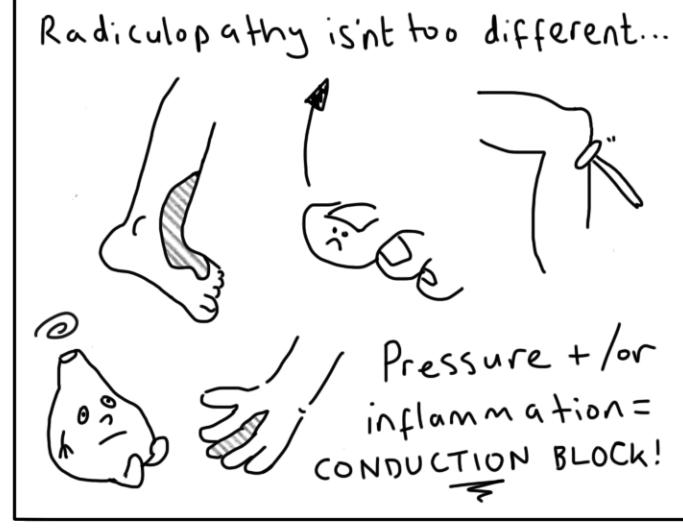
① An irritated nerve root + ganglion send BURSTS of action potentials up to the brain



② Those bursts are experienced as pain or, depending on their pattern + rhythm, pins & needles, tingling, etc.



RADICULOPATHY



Radiculopathy is:

- often quite mild, b/c roots share work
- NOT a pain condition, technically!

* * * * *
How it works...
* * * * *

Sensory action potentials travel up from the tissues, and motor action potentials travel down from the brain... like normal... But a conduction block at an injured root stops them from passing!!

