

# THIS IS NOT THE HAND YOU ARE LOOKING FOR...



TRY THIS, YOU MUST

**Can you find where your left hand is without looking or touching?**

**Proprioception** [pro-free-oh-cep-shun]: the sense we use to know the position of our body parts

**For example, we use proprioception to know where our body parts are when our eyes are closed.**

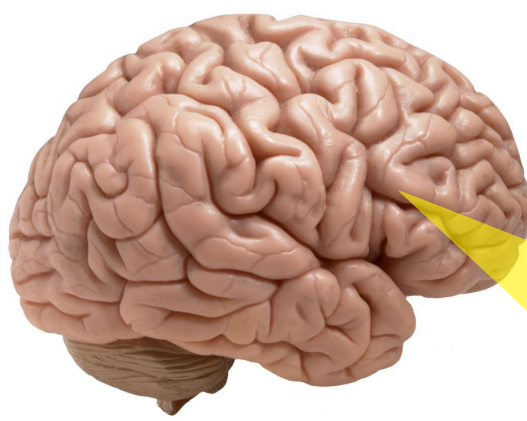
**Amputee:** someone who has had a body part removed via surgery



*Luke Skywalker loses his hand in battle with Darth Vader.*

## A PHANTOM MENACE

**Phantom limb:** the sensation that an amputated or missing limb (even an organ like the appendix) is still attached to the body and is moving appropriately with other body parts.



*The brain still sends signals for a body part that is not there.*



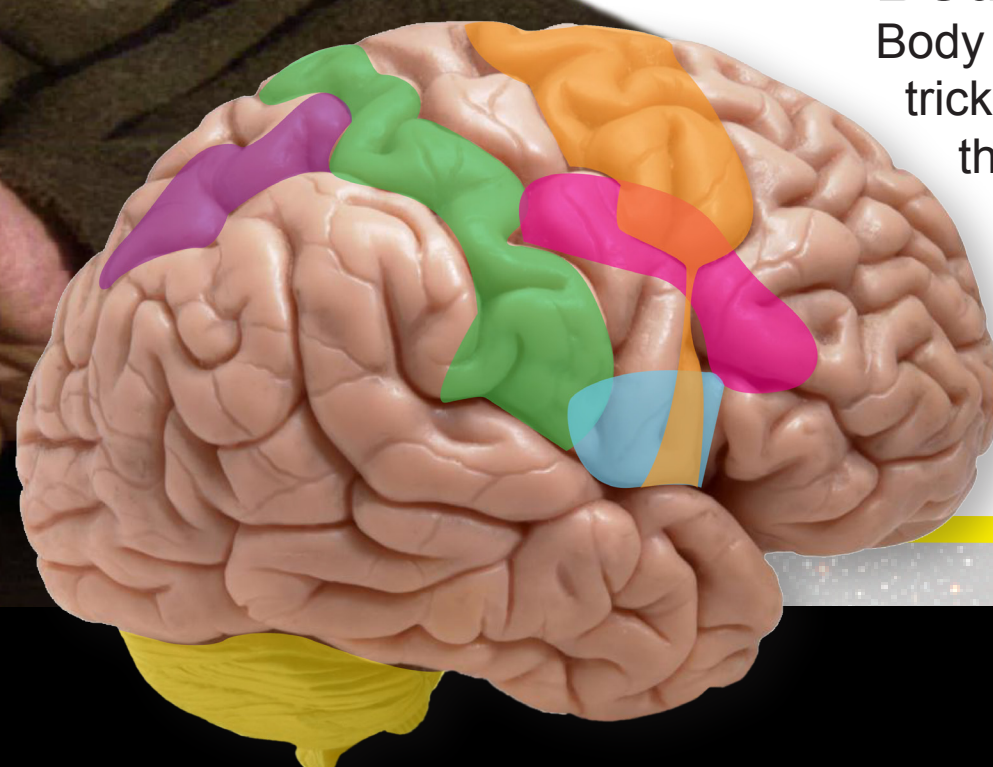
## MIND TRICKS AS TREATMENTS

### Virtual reality

Virtual reality is a false three-dimensional visual world created by a computer, where the user wears special gear, such as goggles and gloves, to enter and move about in the virtual world and interact with objects as if inside it.

### Body Transfer Illusion

Body Transfer Illusion can be used to trick the amputee's brain into believing that an object, such as rubber hand or mirror image, is the missing limb.



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