Goldberg speaking; if an axon dies, a nearby axon may grow additional dendrites to take its place.

4. Plasma membrane: rearrangement of the sensory cortex is responsible for phantom limb pain.
   - The cortex won't receive any signal since the body part is missing but it is still able to function and could remain dormant.

   o Temp. missing arm
     - Touching his face or upper arm brought about the sensation that his missing arm was being touched.
     - Suggests that the area of the cortex has been re-specified; sensations associated with the amputated limb have connected with those nearby.

   o M.E's on arm tip
     - Area of cortex originally associated with the amputated limb has vanished but surrounding areas have grown and re-wrapped over it.

Le Mirror Treatment for phantom limb pain
   - Mirror box is used to create a visual illusion.
   - Since the patient can see what is expected, the patient can receive visual feedback from the phantom limb. It is a placebo so learned paralysis can occur.

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