

# Sensory deprivation

Reduction or absence of usual external stimuli or perceptual experiences, commonly resulting in psychological distress and aberrant functioning if continued too long.



# John C. Lilly 1950s









- \_ no light
- \_ soundproof
- \_ ear plugs
- no clothes
- \_ body temperature
- \_ lots of salt

– > sensory deprivation

about 60 minutes / session

#### 40 minutes

can experience itching (like in meditation)

#### 20 minutes

transition from alpha/beta to theta brainwaves (same as before sleep/when waking up, but longer)

lowered blood pressure lowered cortisol maximum blood flow

- + creativity
- + performance
  - stress
    - pain

### **Bibliography:**

- ZUCKERMAN M. Perceptual Isolation As a Stress Situation: A Review. Arch Gen Psychiatry. 1964;11(3):255-276. doi:10.1001/archpsyc.1964.01720270027004
- OWEN M. Into the deep. Aeon, 21 July 2015. Retrieved October 3 2015 from <a href="http://aeon.co/magazine/psychology/why-i-love-the-nothingness-inside-a-float-tank/">http://aeon.co/magazine/psychology/why-i-love-the-nothingness-inside-a-float-tank/</a>
- sensory deprivation. (n.d.) Farlex Partner Medical Dictionary.
  (2012). Retrieved October 5 2015 from <a href="http://medical-dictionary.thefreedictionary.com/sensory+deprivation">http://medical-dictionary.thefreedictionary.com/sensory+deprivation</a>