NUCLEI OF THE SOLITARY TRACT

SYNONYMS:
- Solitary Nucleus
- Nucleus tractus solitarius (NTS)

**Diagram**

- Brain
- NTS (Solitary Nucleus)
- Pyramids
- Inferior Cervical Nucleus
- Medulla Oblongata
- Spinal Cord & Brainstem
- Reticular Formation
- Hypothalamus
- Thalamus (x2)
- Amygdala
- Frontal Cortex
- Hypothalamus
- Inf. Cervical Nucleus
- Parahippocampal gyrus
- 3rd Cerebellar Peduncle

**System**

1. Pain & pressure
2. Anger & Lobotomy
3. Digestion
4. Sexual drive
5. Non-fast riding
6. Other visceral sensory stuff

**Other**

- Hypothalamus (L, Sedentary)
- Thalamus (R, Active)
- Hypothalamus
- Parahippocampal gyrus
- Inf. Cervical Nucleus
- 3rd Cerebellar Peduncle

**Functions**

- Analgesia
- Flight or Fight
- HR
- Redistributes blood

**Noteworthy**

- DO + 4 = 
  - Don't eat fish
  - Do not be thirsty