Syllabus Laboratorium Biomedic 1 Physiology Nervous System

A Sequences

- I. Introduction : 20 min
- II. Pre Test : 10 min
- III. Activity Lab (Discussion): 30 min

B Topic

- 1. Motoric pathway
- 2. Sensoric pathway
- 3. Reflex arch
- 4. ARAS

C Venue

Biomedical Laboratory, Faculty of Medicine, Universitas Islam Bandung

D Equipment	
Poster	
Hammer reflex	Z
5	G
E Pre-requisite	

ASISLAM

Before following the activity in physiologylaboratorium, the students must prepare to:

- 1. Explain the functions of corticospinal and corticobulbar pathways
- 2. Explain about the functions of sensoric pathways
- 3. Explain about the functions of reflex arch
- 4. Explain about ARAS function

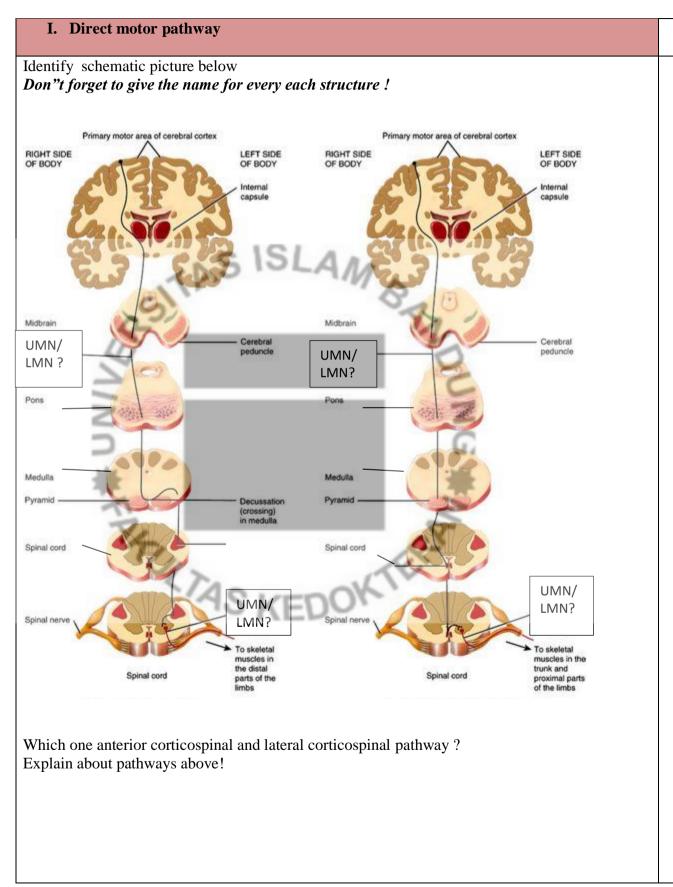
Please write down the assignment in the separate papers. The assignment will be collected on the lab day

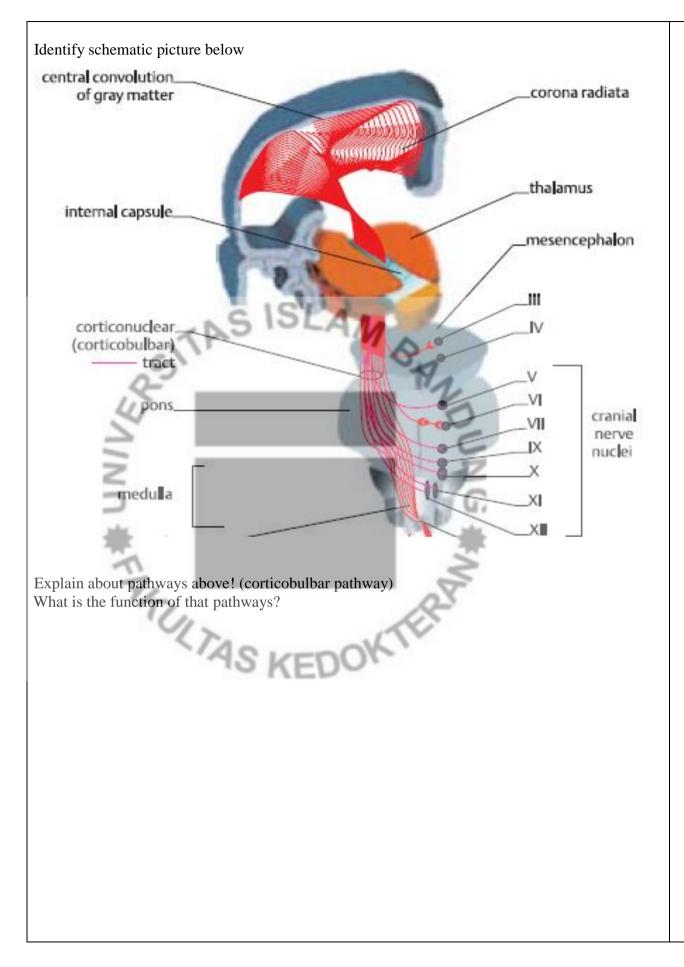
- Content lab in manual book (pre and post test will be taken from the manual, if scorring pre test less than 50, can not allowed the activity lab)
- Bring your text book, reference book, e-book etc. (minimal 1 group 1 book).

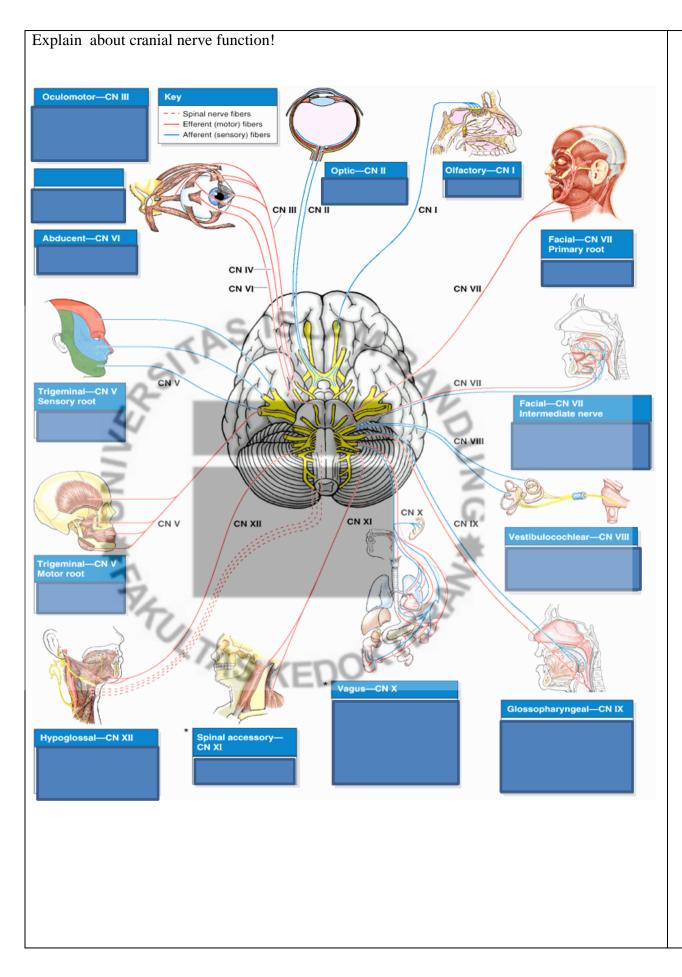
F Activity Lab

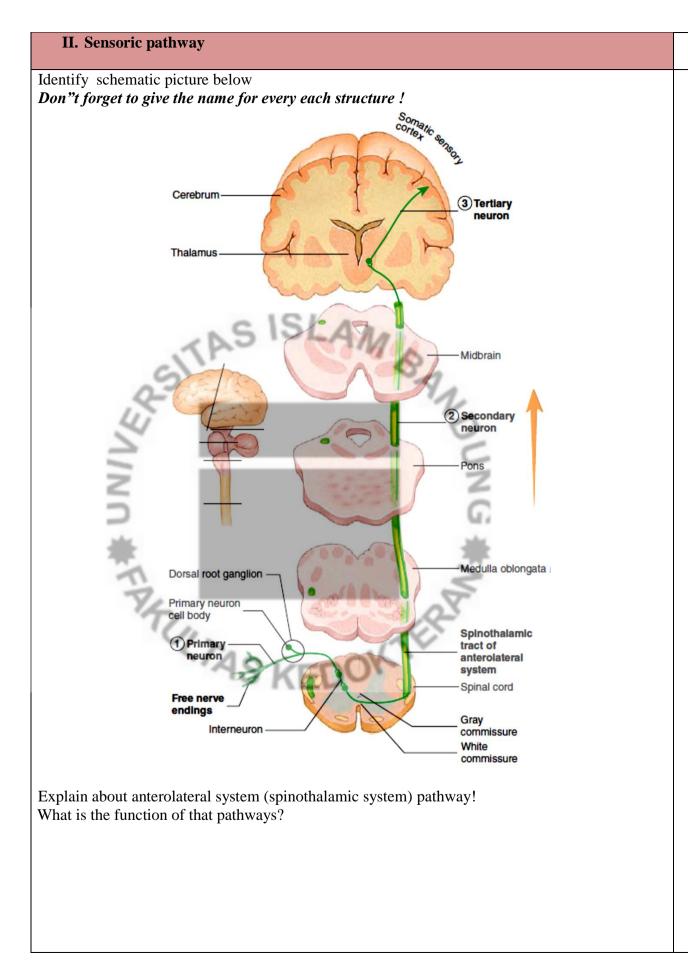
- 1. Students will be divided into 18 small groups
- 2. Introduction will be given in the large group (20 min)
- 3. Discussion in the small group (30 min)

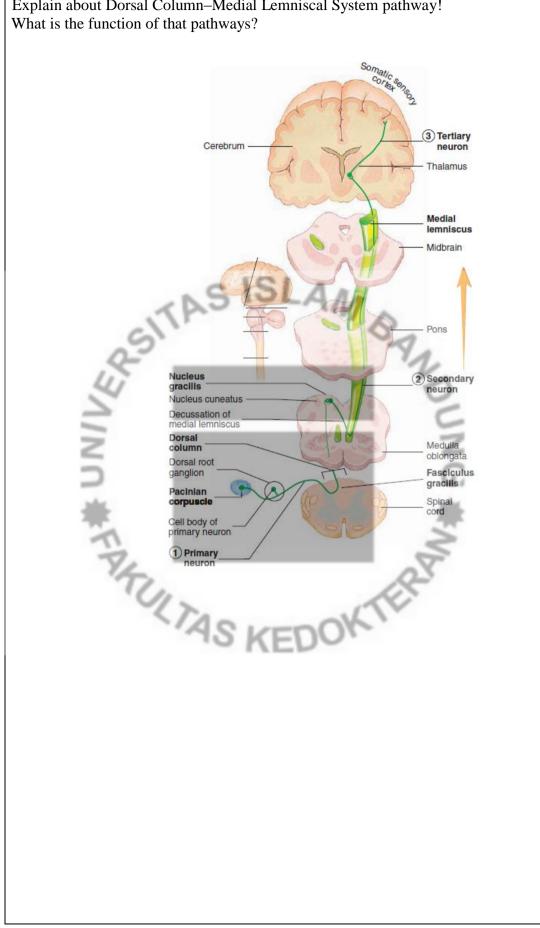
4. **LIST PHYSIOLOGICAL REVIEW** (give the checklist \sqrt{i} fyou have already *known*)



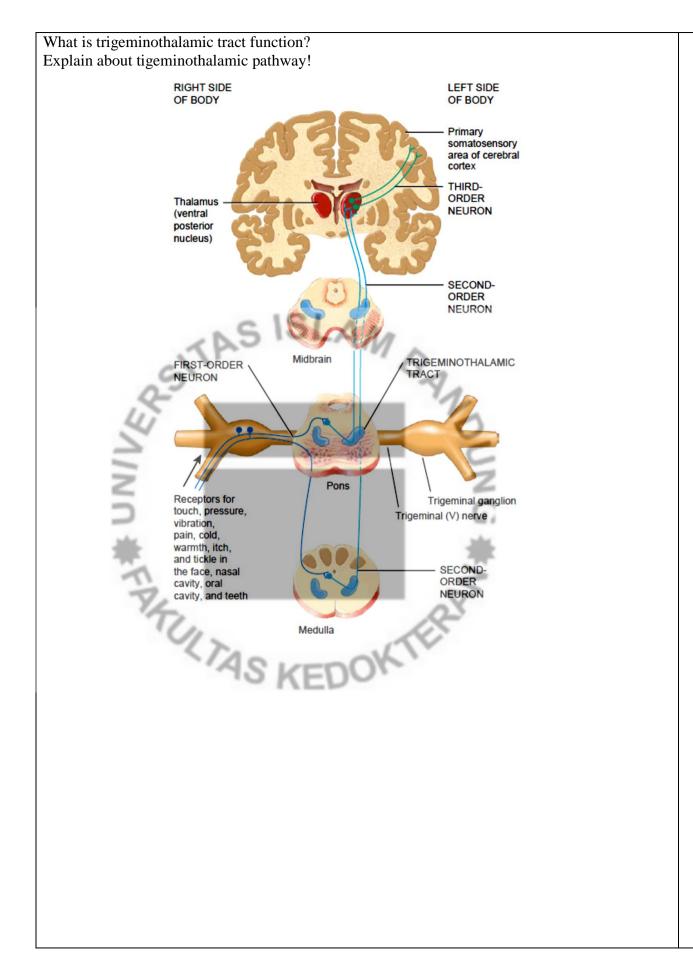


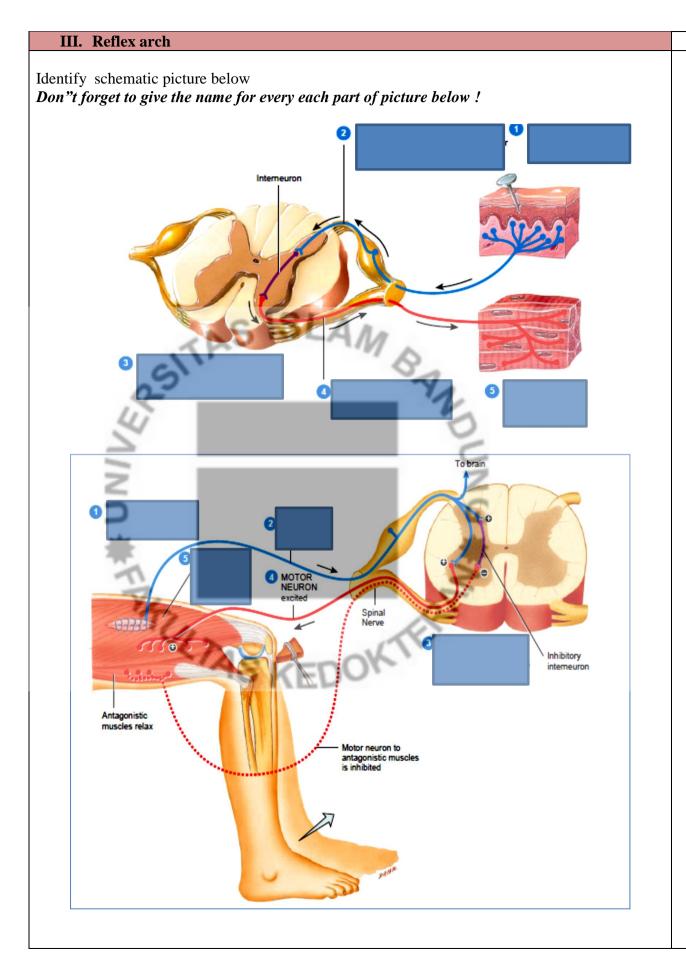




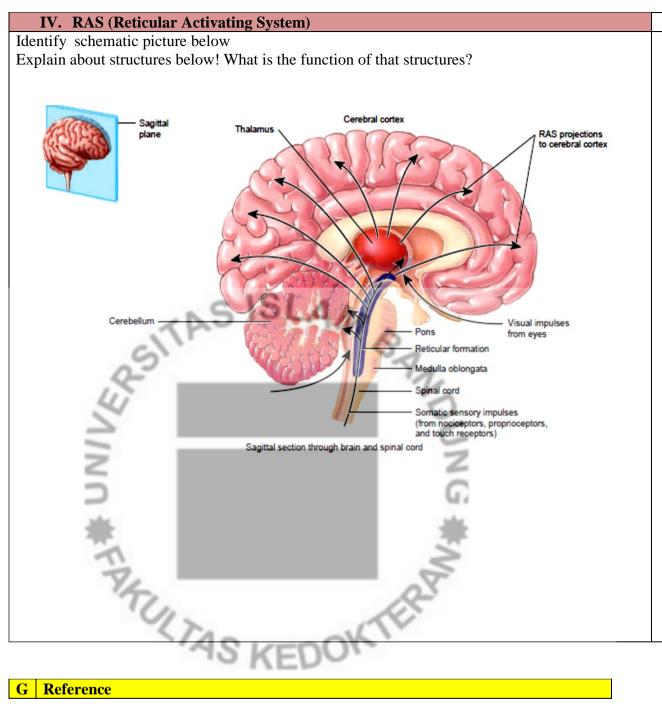


Explain about Dorsal Column-Medial Lemniscal System pathway!









G Reference

- Guyton AC, Hall JE. Textbook of Medical Physiology, 11 th Edition. Elsevier 1.
- VanPutte C, Regan J, Russo A, Seeley R, Stephens T, Tate P. Seeley's Anatomy 2. and Physiology. 11th Edition. McGrawHill.
- Tortora GJ, Derrickson B. Principle of Anatomy and Physiology. 12th Edition. 3. John Wiley & Son Inc.