

BRONCHOPULMONARY SEGMENTS

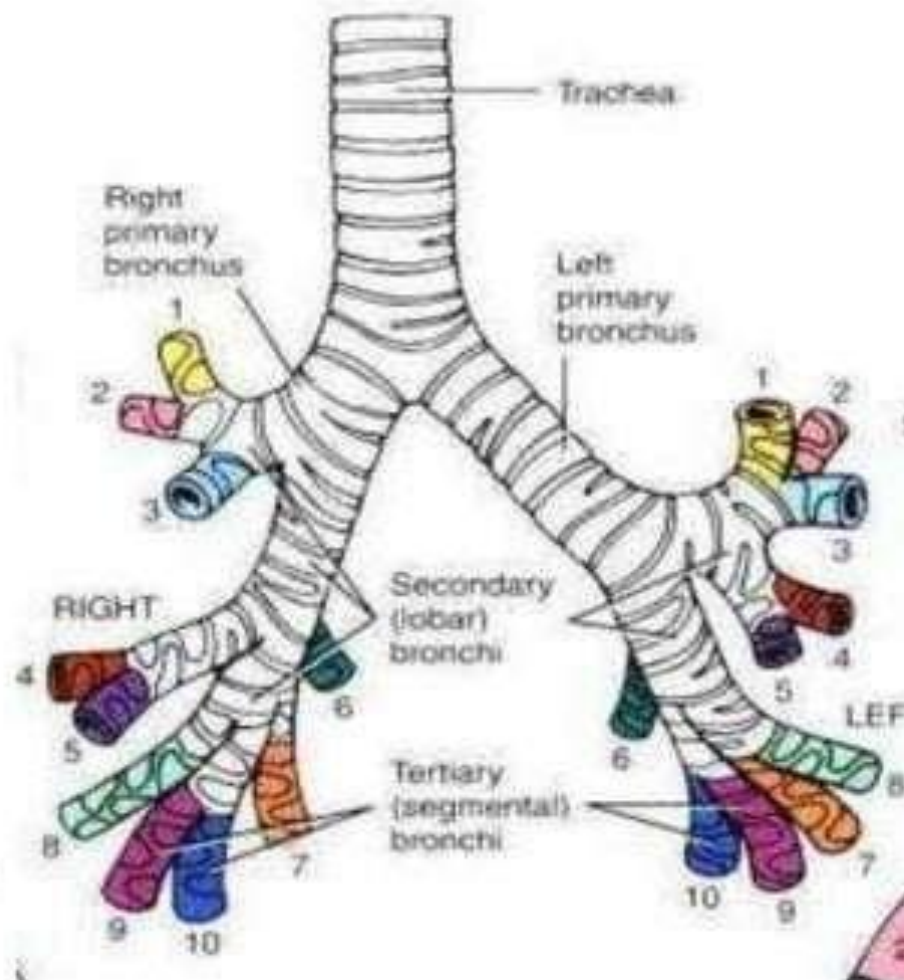
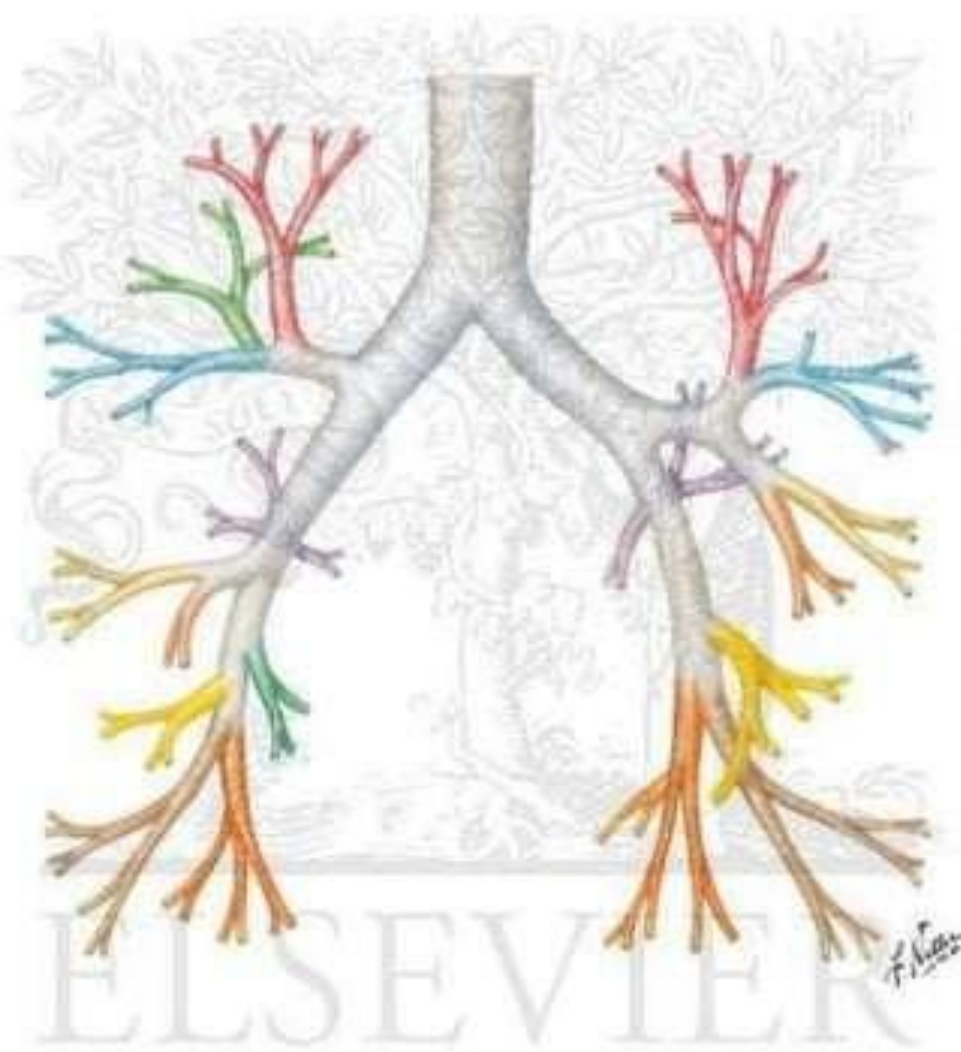
DR. MANJARI LOHANI

JR1 ANATOMY

KGMU

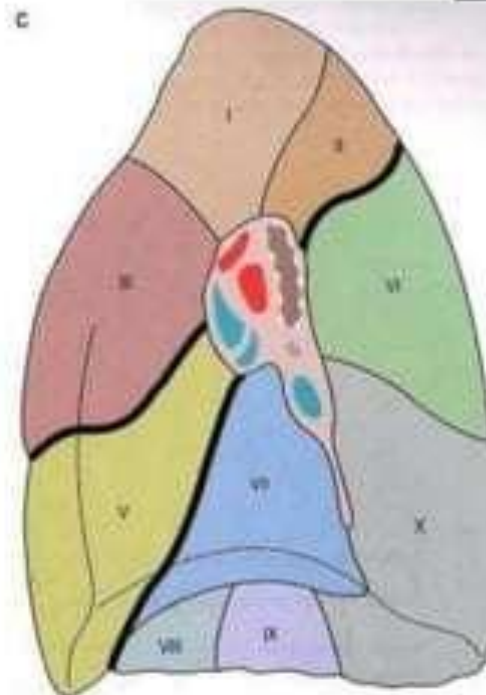
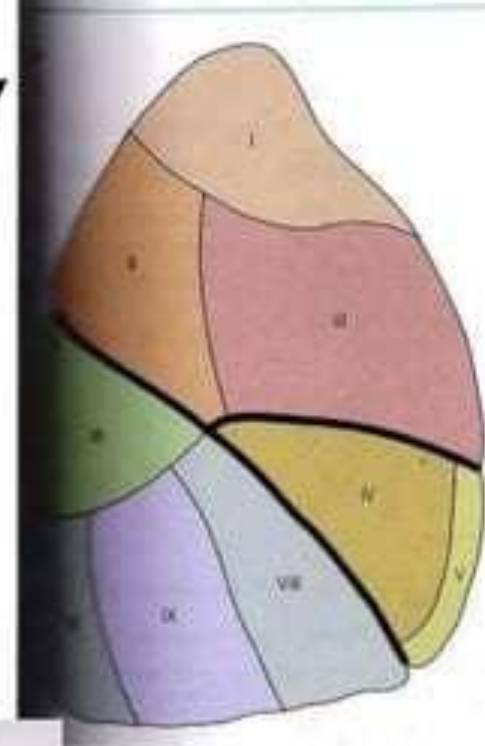
DEFINITION

The Bronchopulmonary segments are the anatomic structural and functional unit of lung parenchyma, each ventilated by a segmental/tertiary bronchus



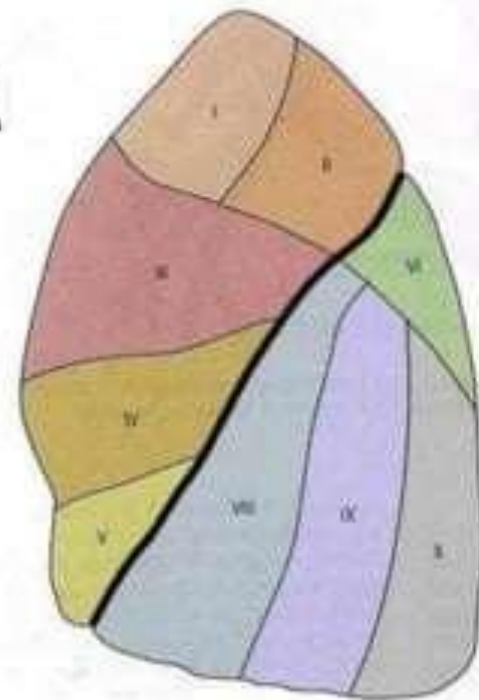
RIGHT LUNG BRONCHOPULMONARY SEGMENTS

Upper lobe	Apical
	anterior
	posterior
Middle lobe	medial
	lateral
Lower lobe	superior
	Medial basal
	Anterior basal
	Lateral basal
	Posterior basal

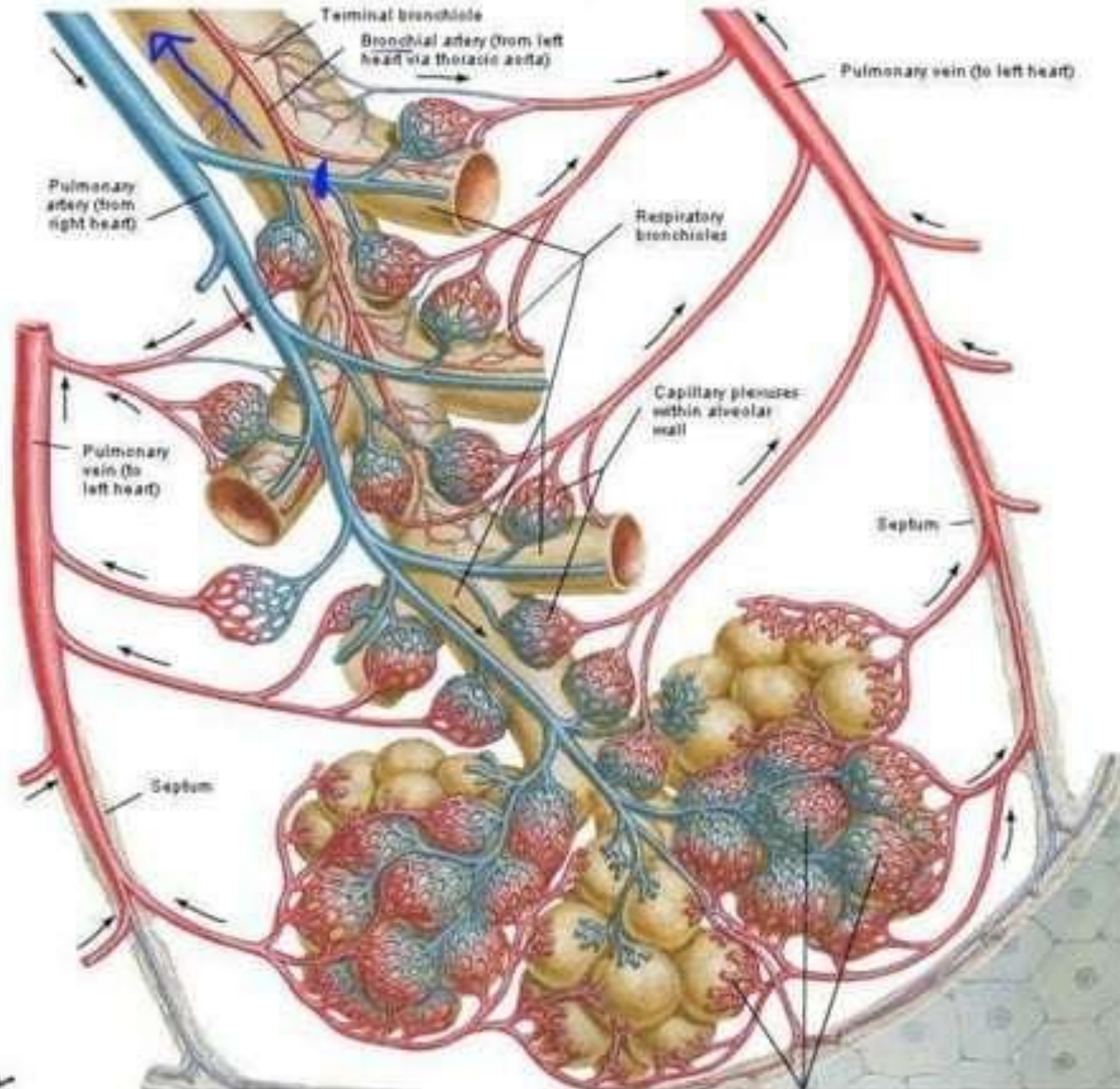


LEFT LUNG BRONCHOPULMONA SEGMENTS

Upper lobe	apical
	anterior
	posterior
	Superior lingular
	Inferior lingular
Lower lobe	superior
	Medial basal
	Anterior basal
	Lateral basal
	Posterior basal



Intrapulmonary Blood Circulation Schema



CHARACTERISTICS

- Subdivision of a lung lobe
- Pyramid in shape with apex directed towards lung root
- Surrounded by connective tissue that is continuous with visceral pleura
- Each segment can be delineated radiologically

APPLIED ASPECTS

- Aspiration in supine position- superior segment of lower lobe
- Aspiration in standing position- posterior basal segment of lower lobe of right lung
- Tuberculosis- posterior segment of upper lobe
- Cacinoma- anterior segment of upper lobe
- Segmentectomy- diseased segment can be removed surgically

THANKYOU