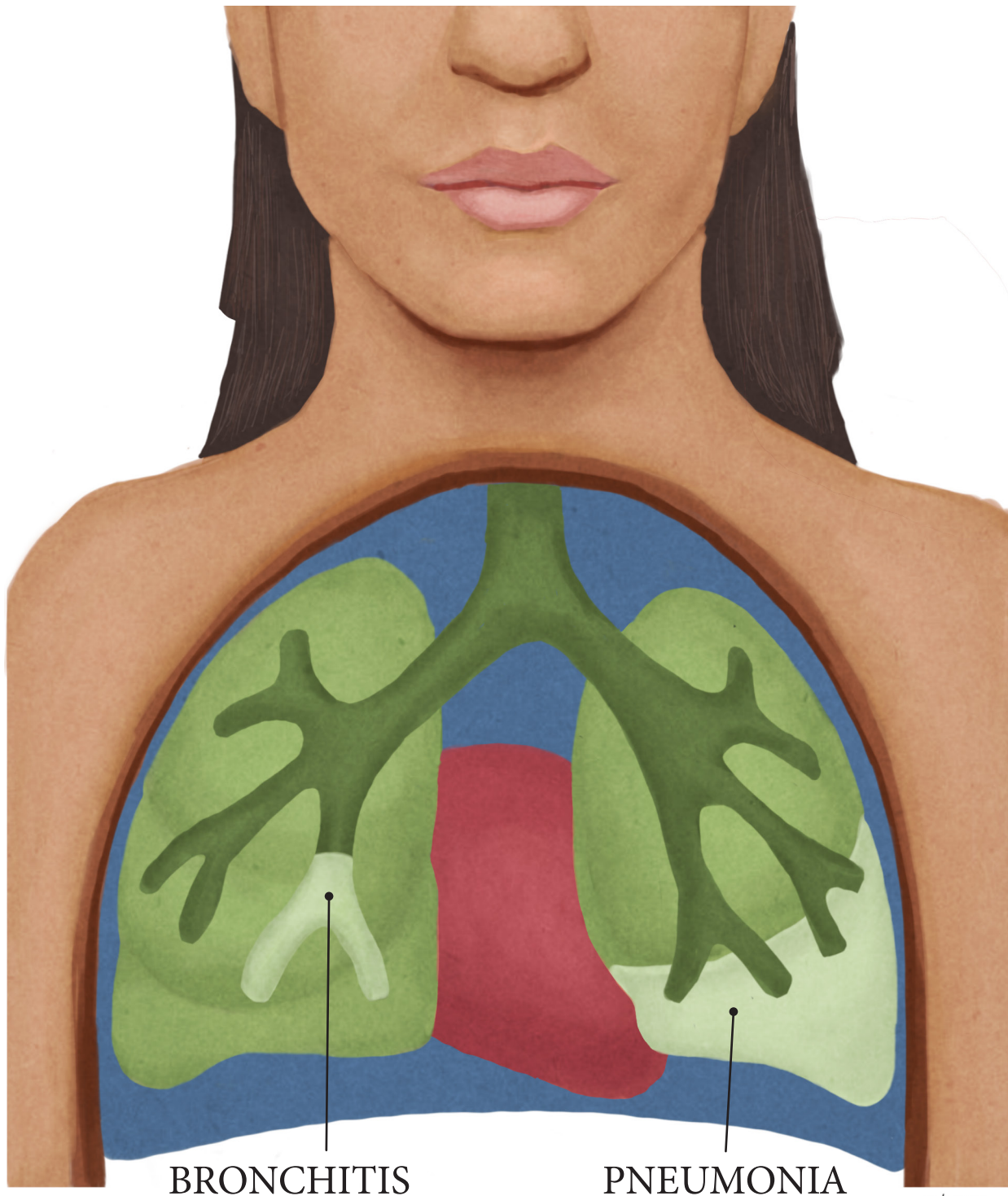


BRONCHITIS vs PNEUMONIA



BRONCHITIS

PNEUMONIA

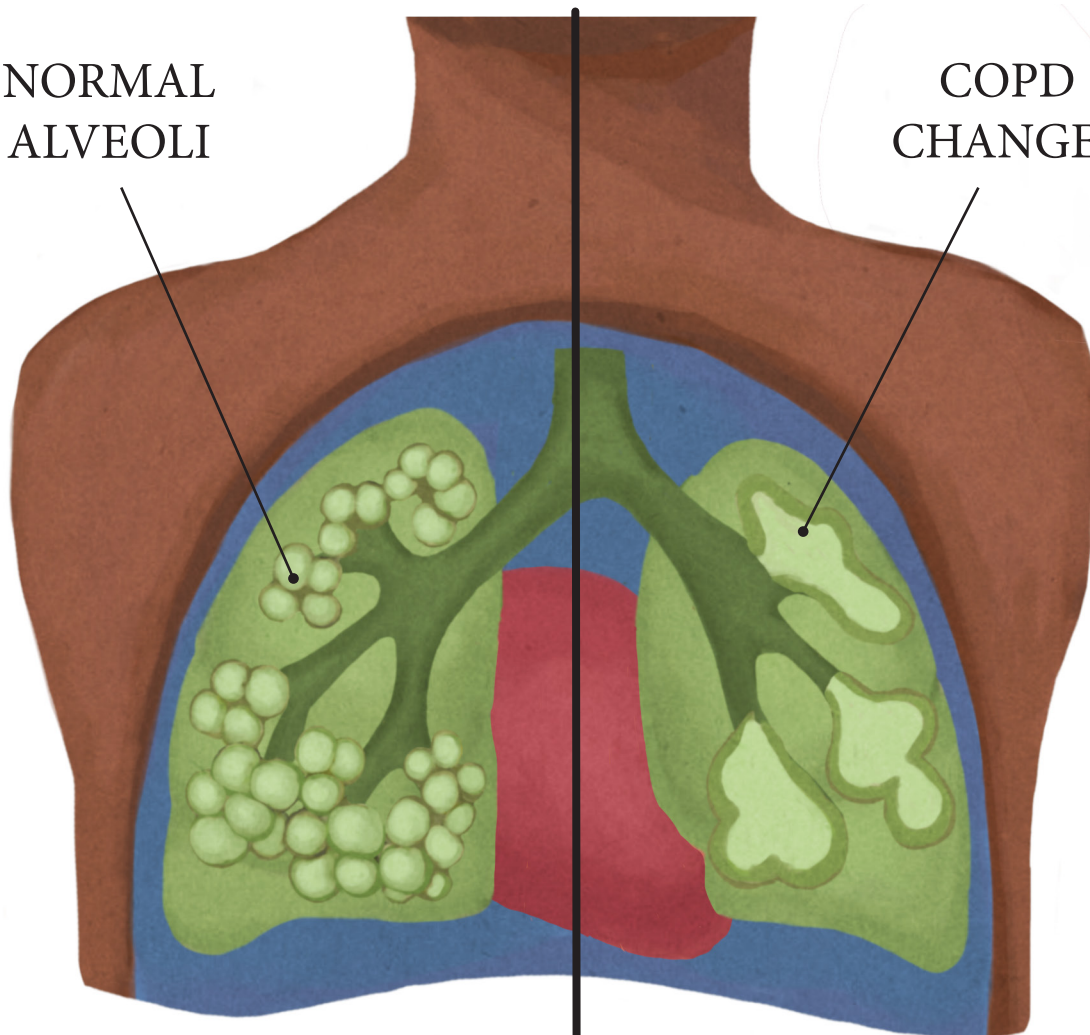
S. ADHIKARI
— M.D.

EMPHYSEMA

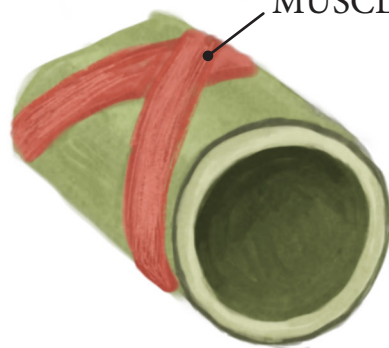
CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)

NORMAL
ALVEOLI

COPD
CHANGES



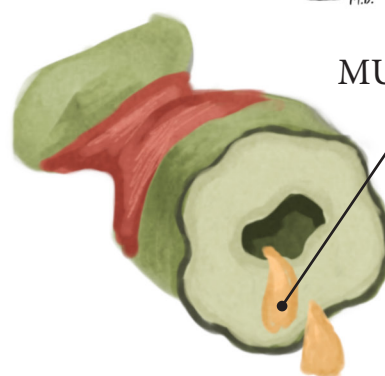
MUSCLE



NORMAL

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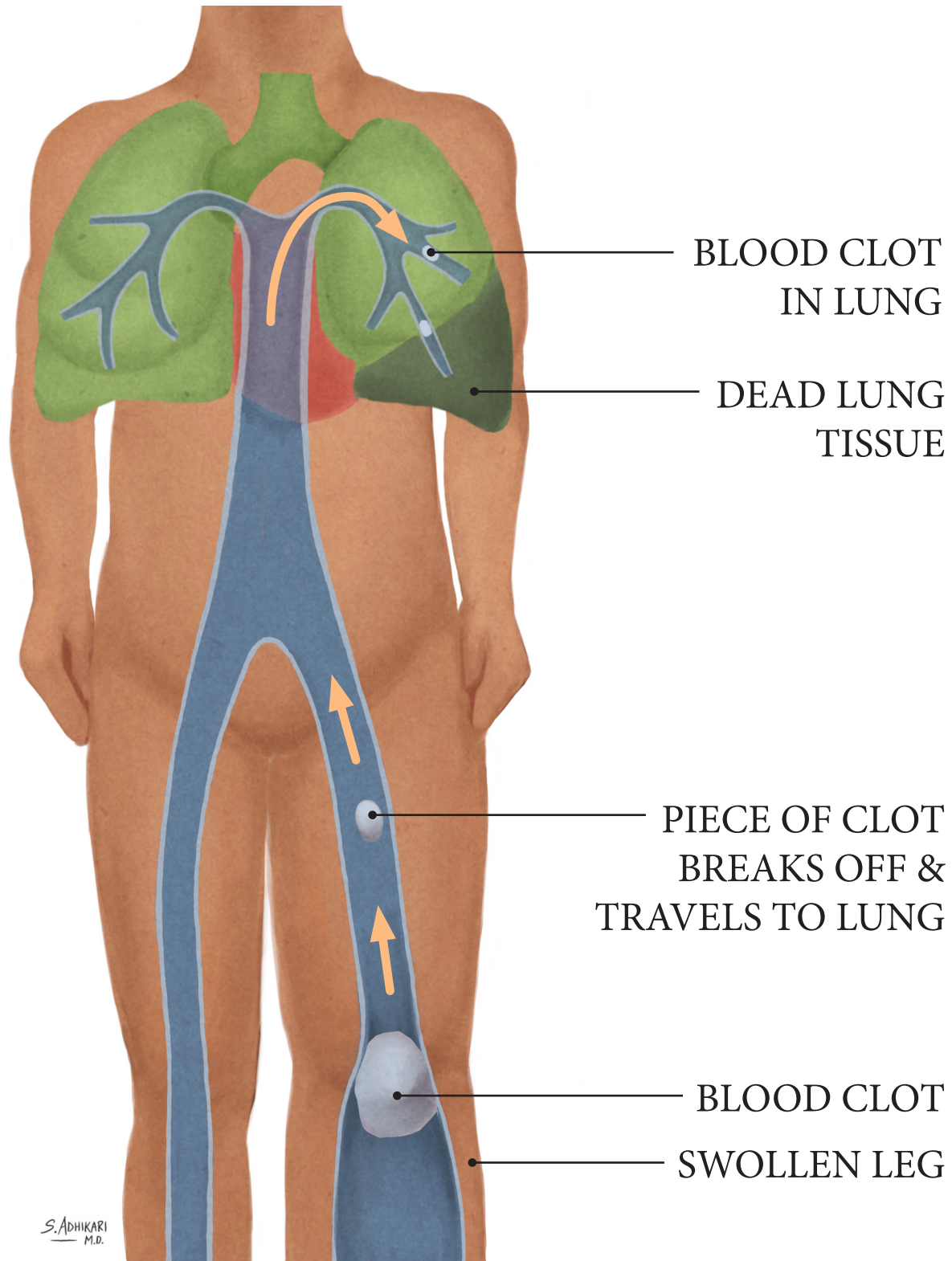
MUCOUS



BRONCHOSPASM

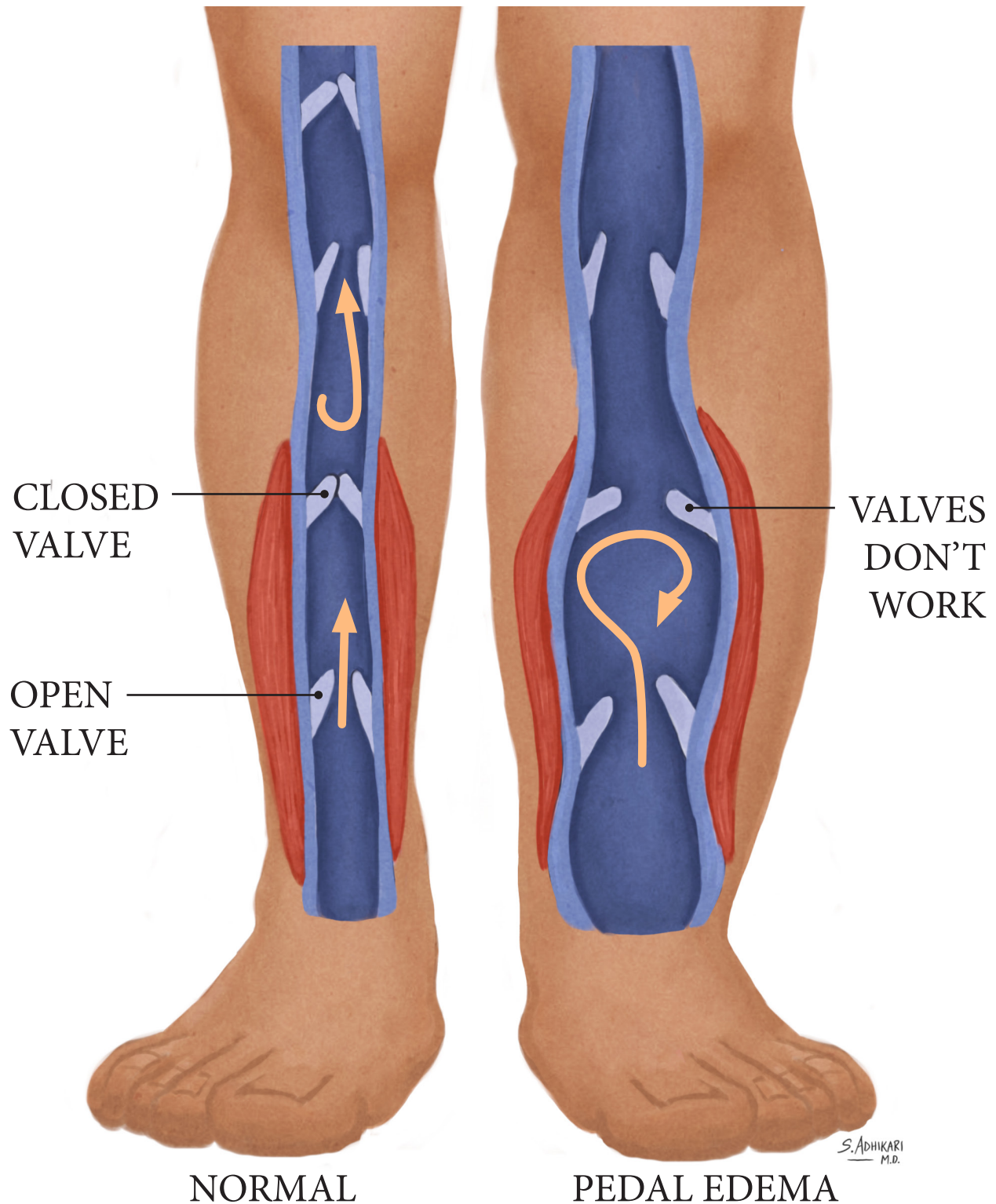
BLOOD CLOT

DEEP VEIN THROMBOSIS (DVT) & PULMONARY EMBOLISM (PE)



SWOLLEN LEGS

PEDAL EDEMA



HEART ATTACK

MYOCARDIAL INFARCTION (MI)

NORMAL
CORONARY
ARTERY

NORMAL
ARTERY

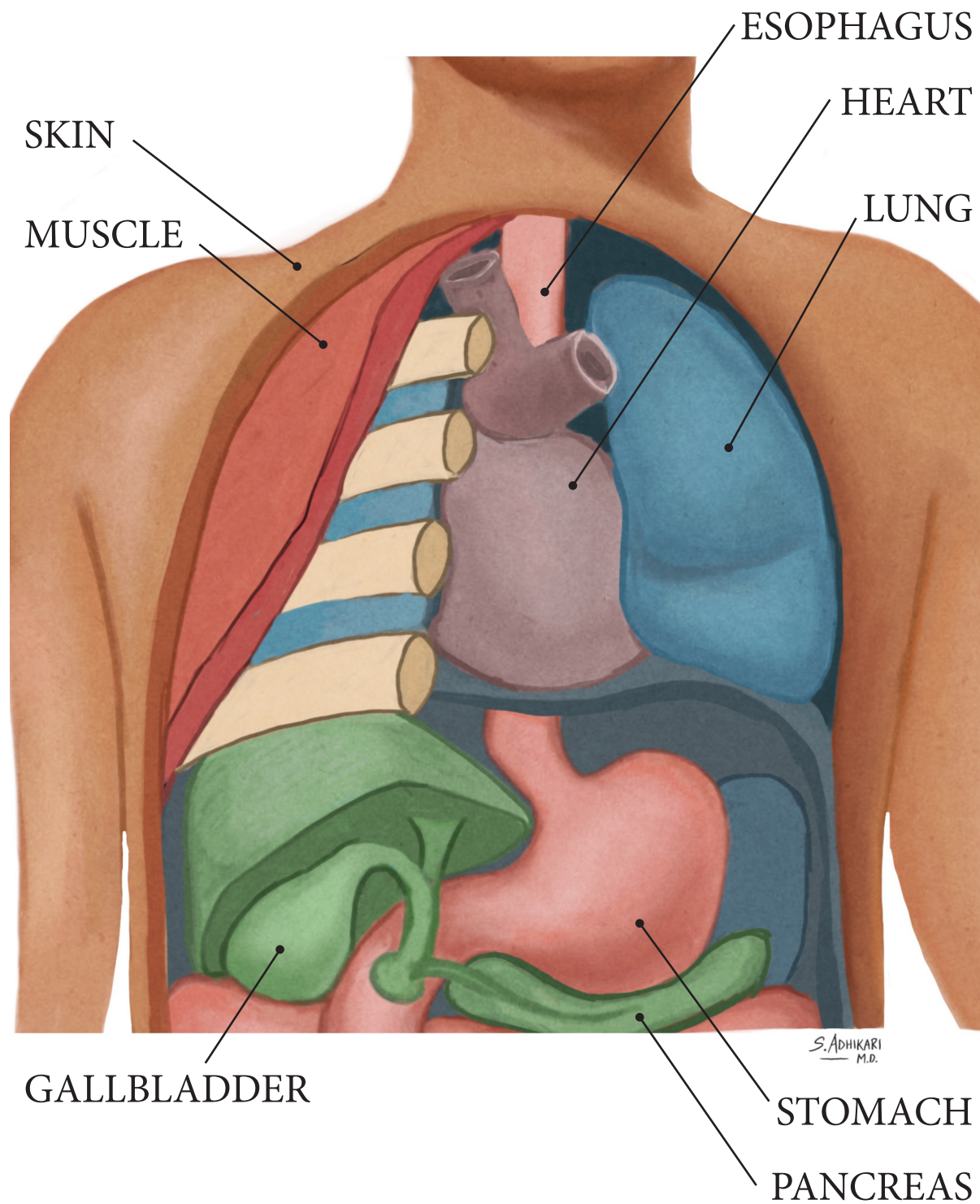
CLOGGED
ARTERY

CLOGGED
CORONARY
ARTERY

HEART MUSCLE
DOESN'T GET
ENOUGH OXYGEN
AND DIES

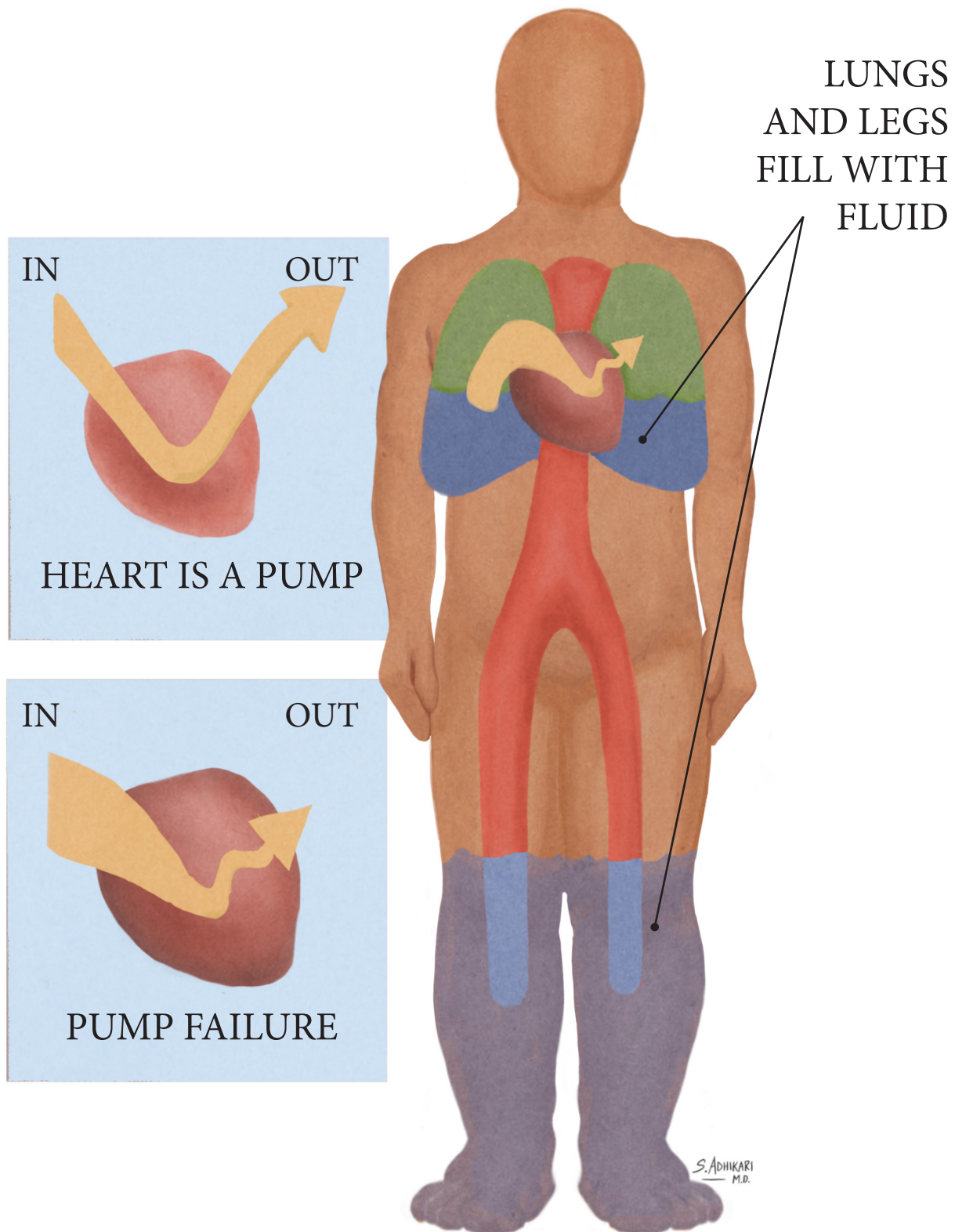
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M.D.

CHEST PAIN EVALUATION



HEART FAILURE

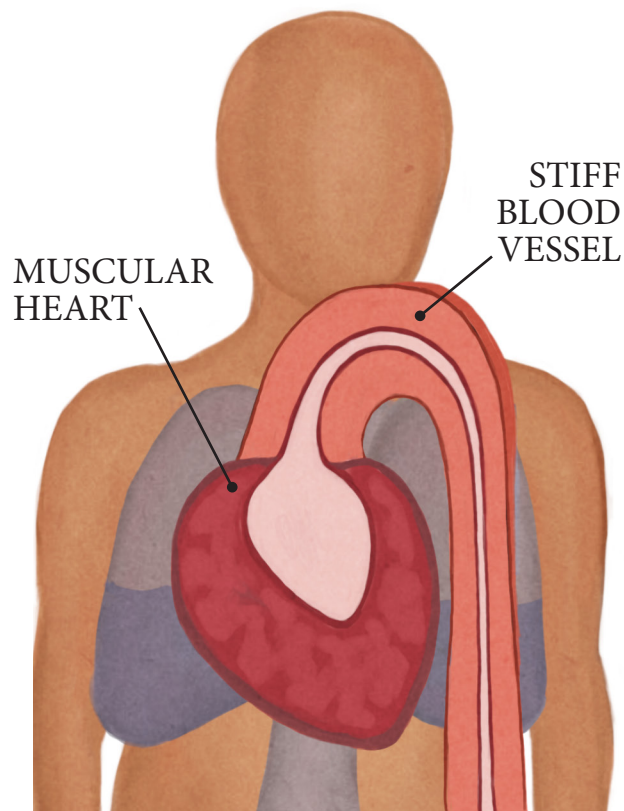
CONGESTIVE HEART FAILURE (CHF)



HEART FAILURE CAUSES

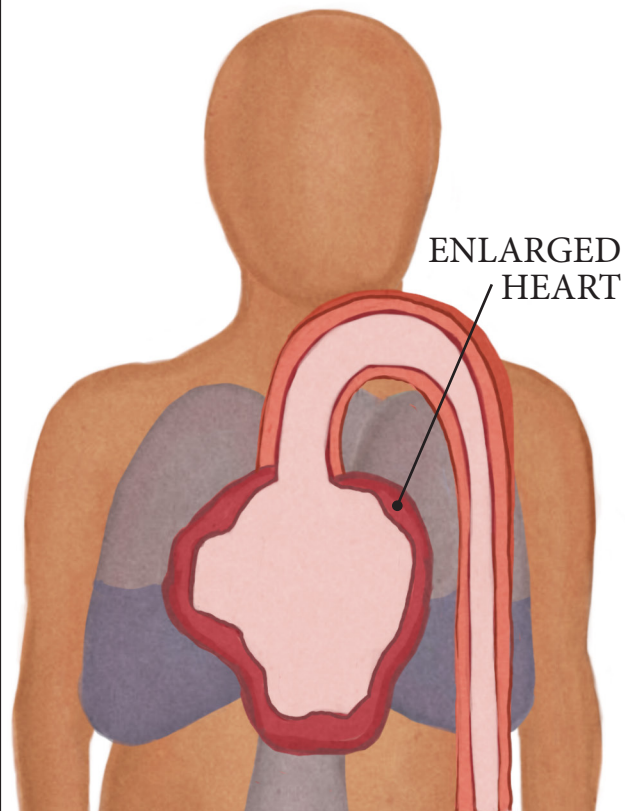
DIASTOLIC vs SYSTOLIC DISEASE

DIASTOLIC DISEASE



HEART CANNOT
PUMP AGAINST STIFF
BLOOD VESSELS

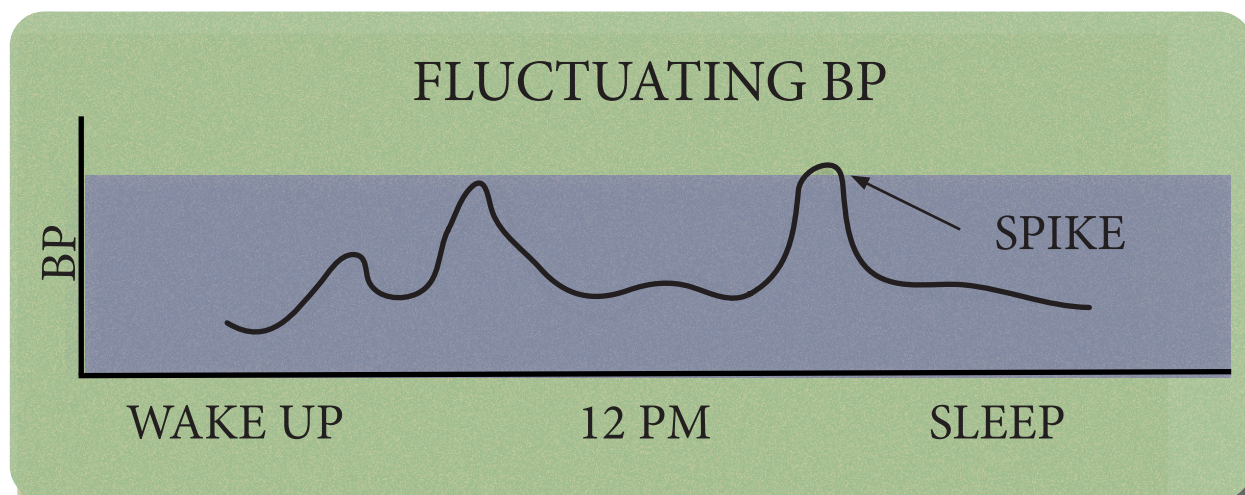
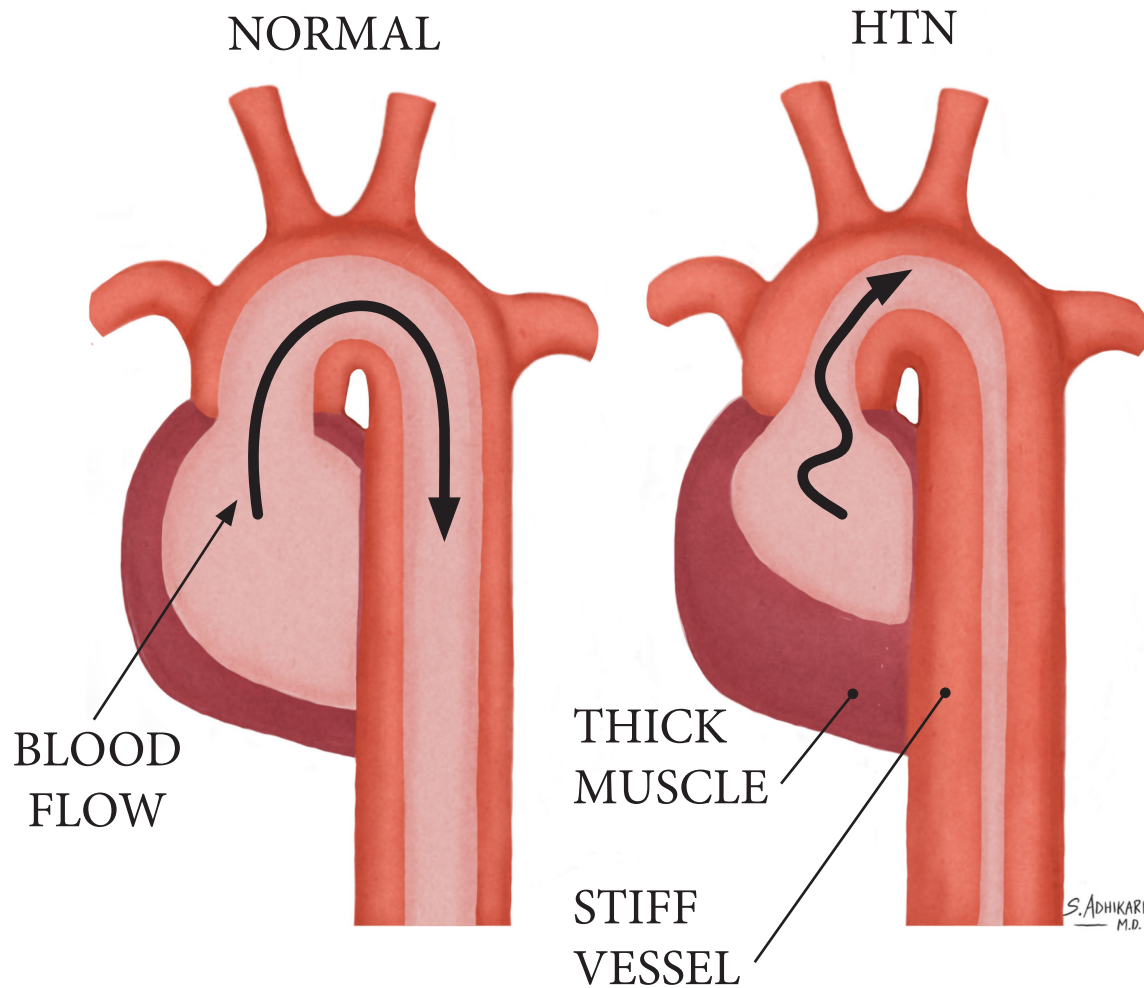
SYSTOLIC DISEASE



ENLARGED HEART IS
TOO WEAK TO PUMP

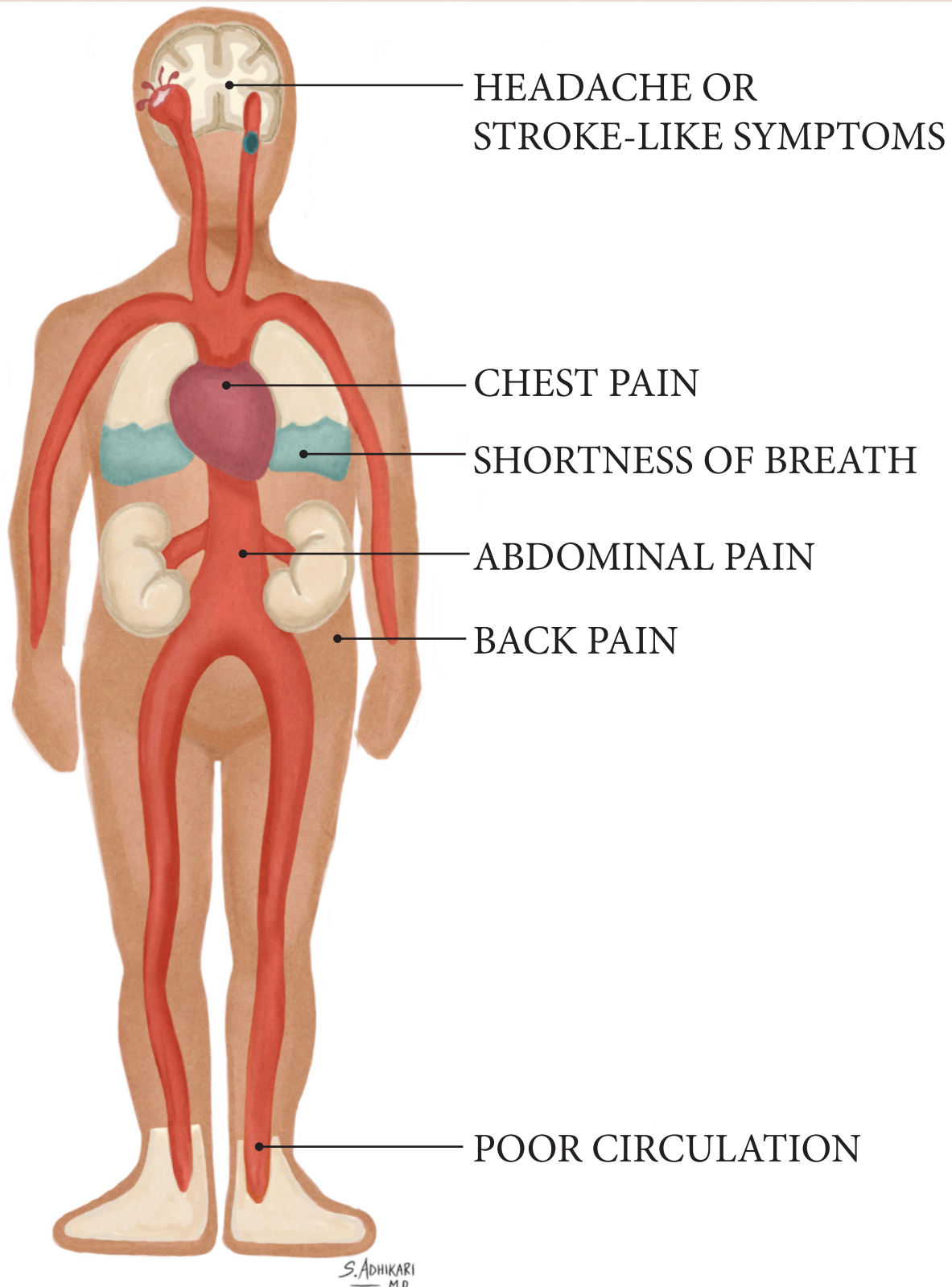
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HIGH BLOOD PRESSURE HYPERTENSION (HTN)



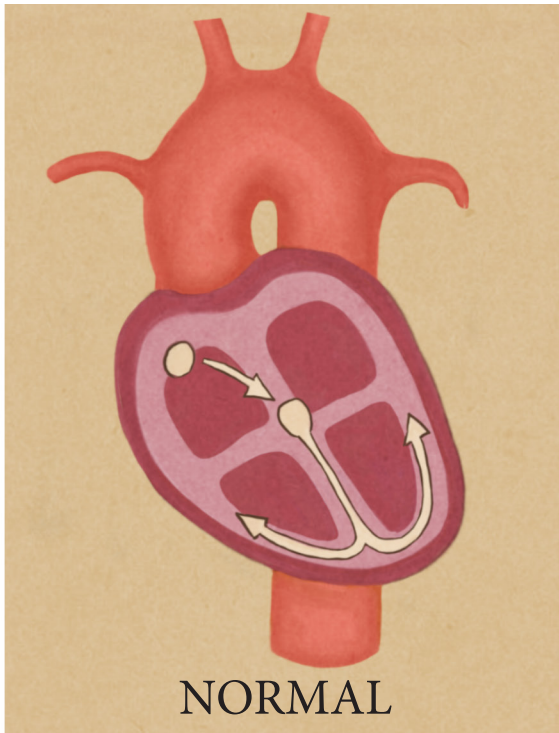
HTN + SYMPTOMS

HYPERTENSIVE URGENCY

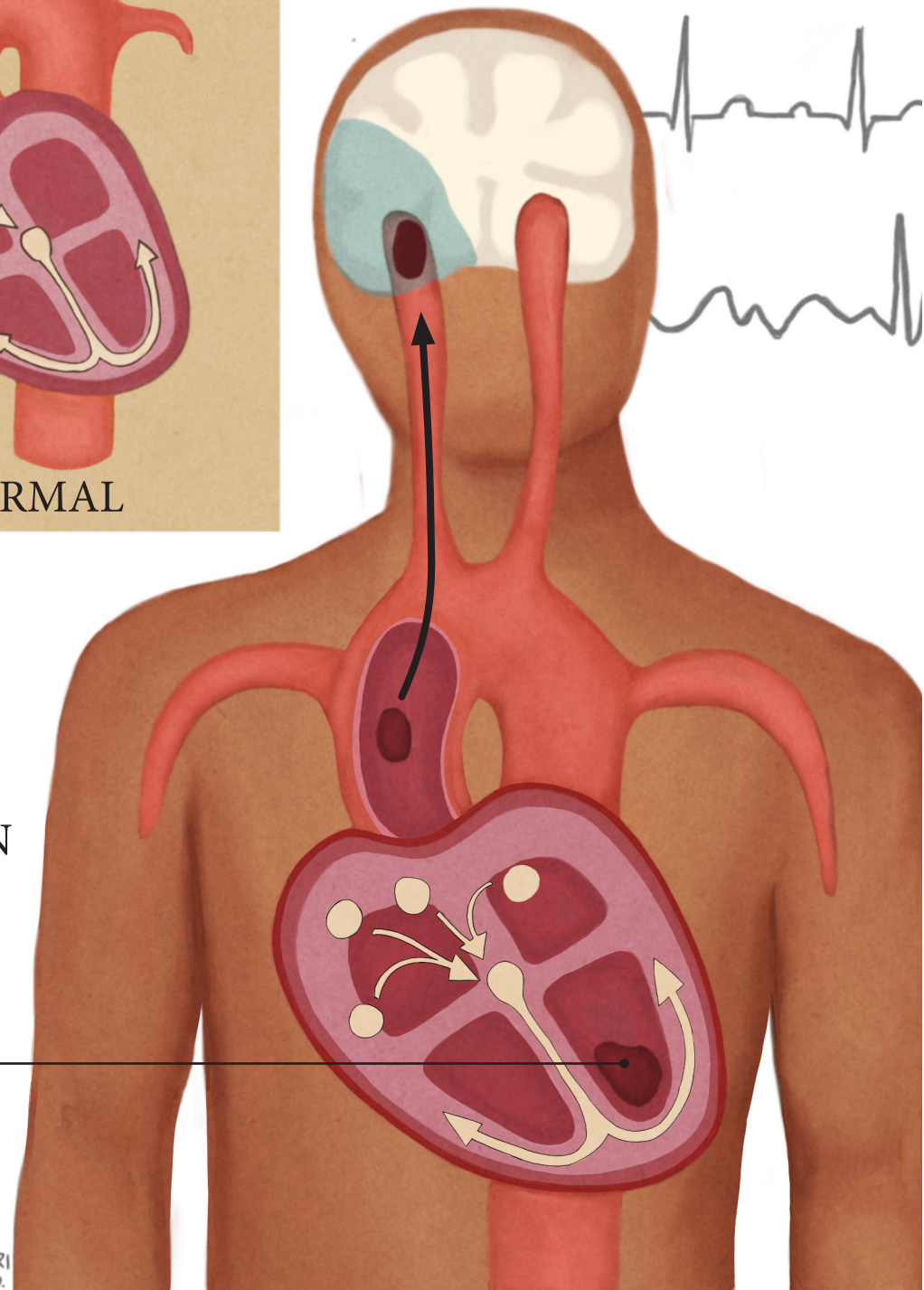


IRREGULAR HEART BEAT

ATRIAL FIBRILLATION



CLOT CAN
BREAK
OFF AND
CAUSE A
STROKE

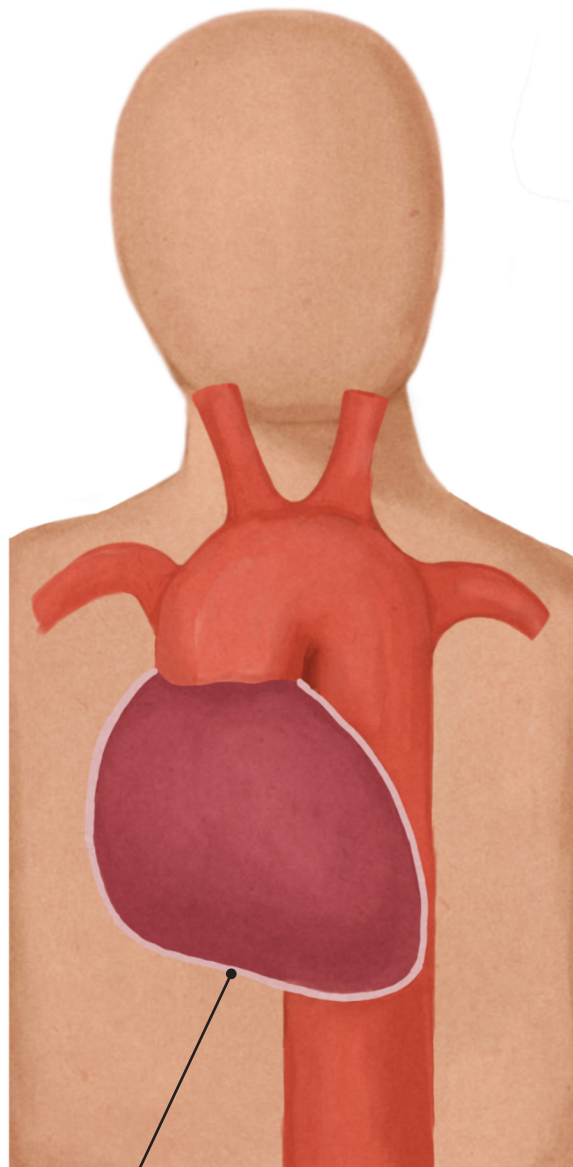


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M.D.

FLUID AROUND HEART

PERICARDITIS vs PERICARDIAL EFFUSION

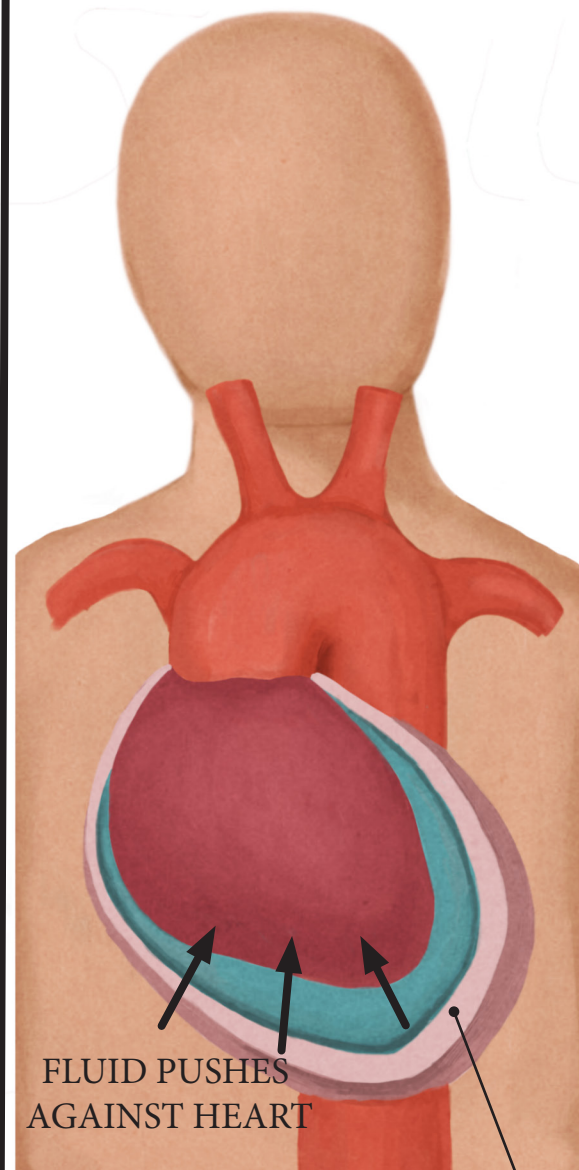
NORMAL



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THIN LAYER
AROUND HEART

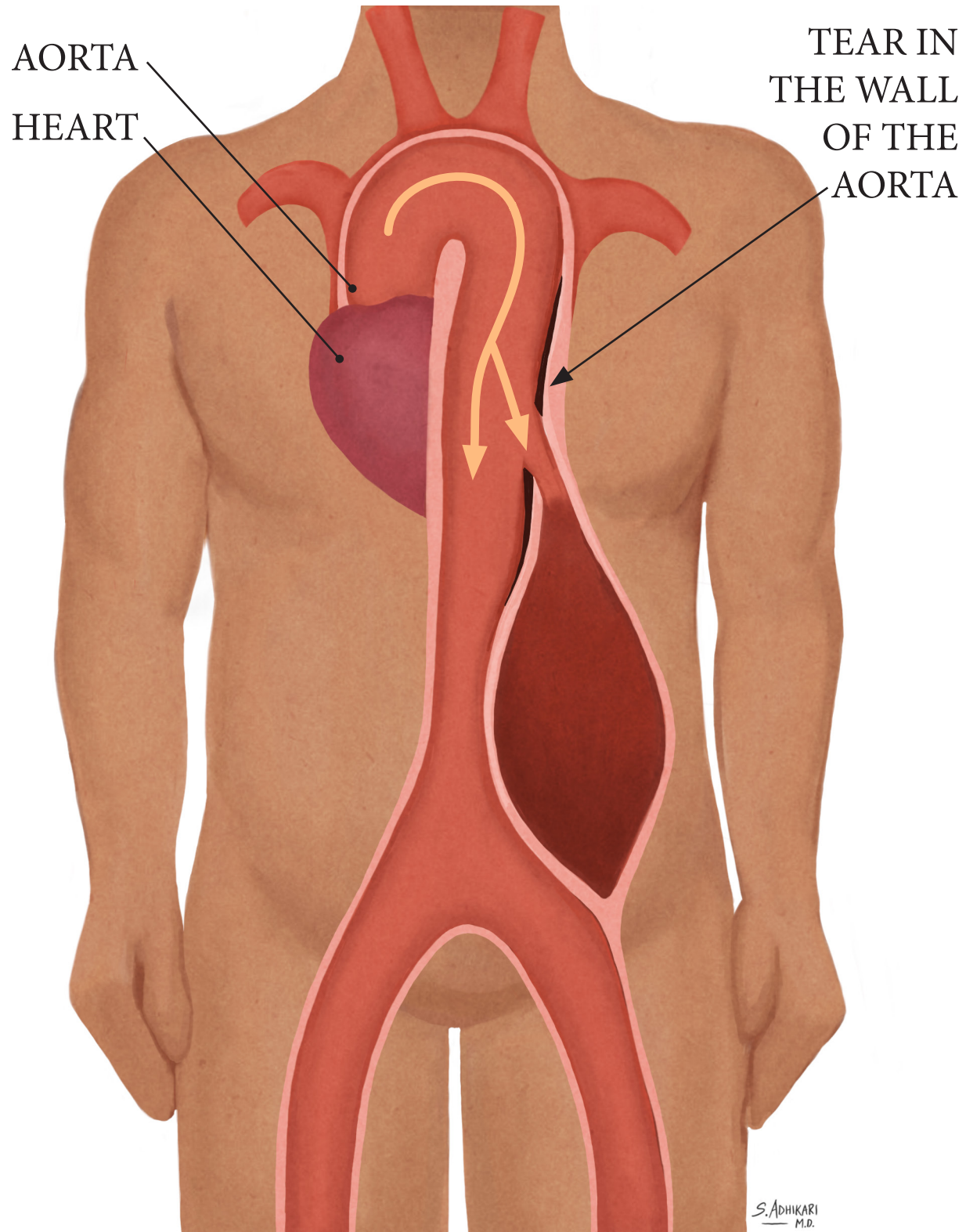
FLUID AROUND HEART



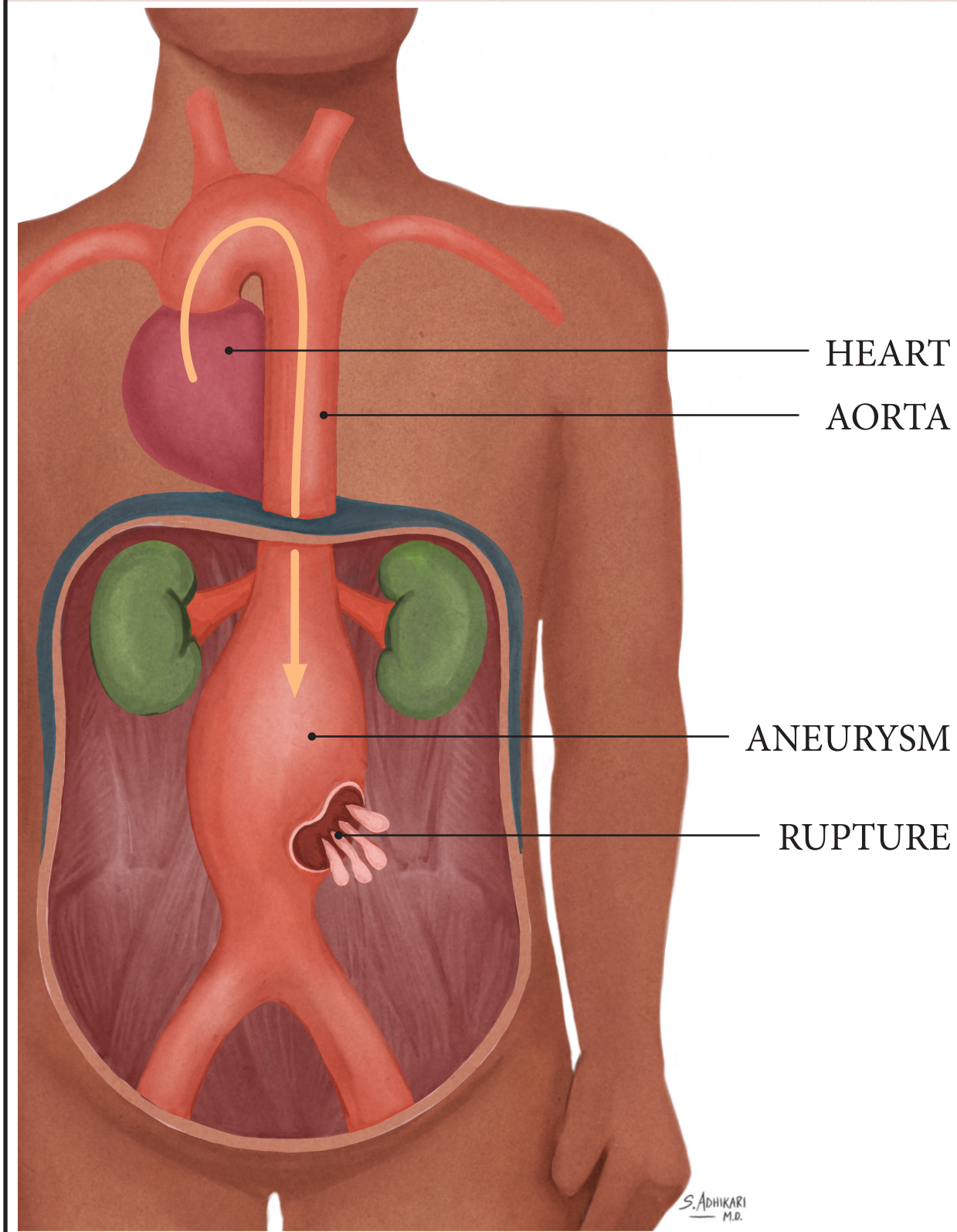
FLUID PUSHES
AGAINST HEART

INFLAMED LAYER
AROUND HEART

AORTIC DISSECTION



AORTIC ANEURYSM



POOR CIRCULATION

PERIPHERAL ARTERY DISEASE & VENOUS INSUFFICIENCY

