

Cardiac Conduction System

Courtesy: Dr. Dylan Miller

Sinoatrial Node

Anterior View of Heart

FIGURE
1a

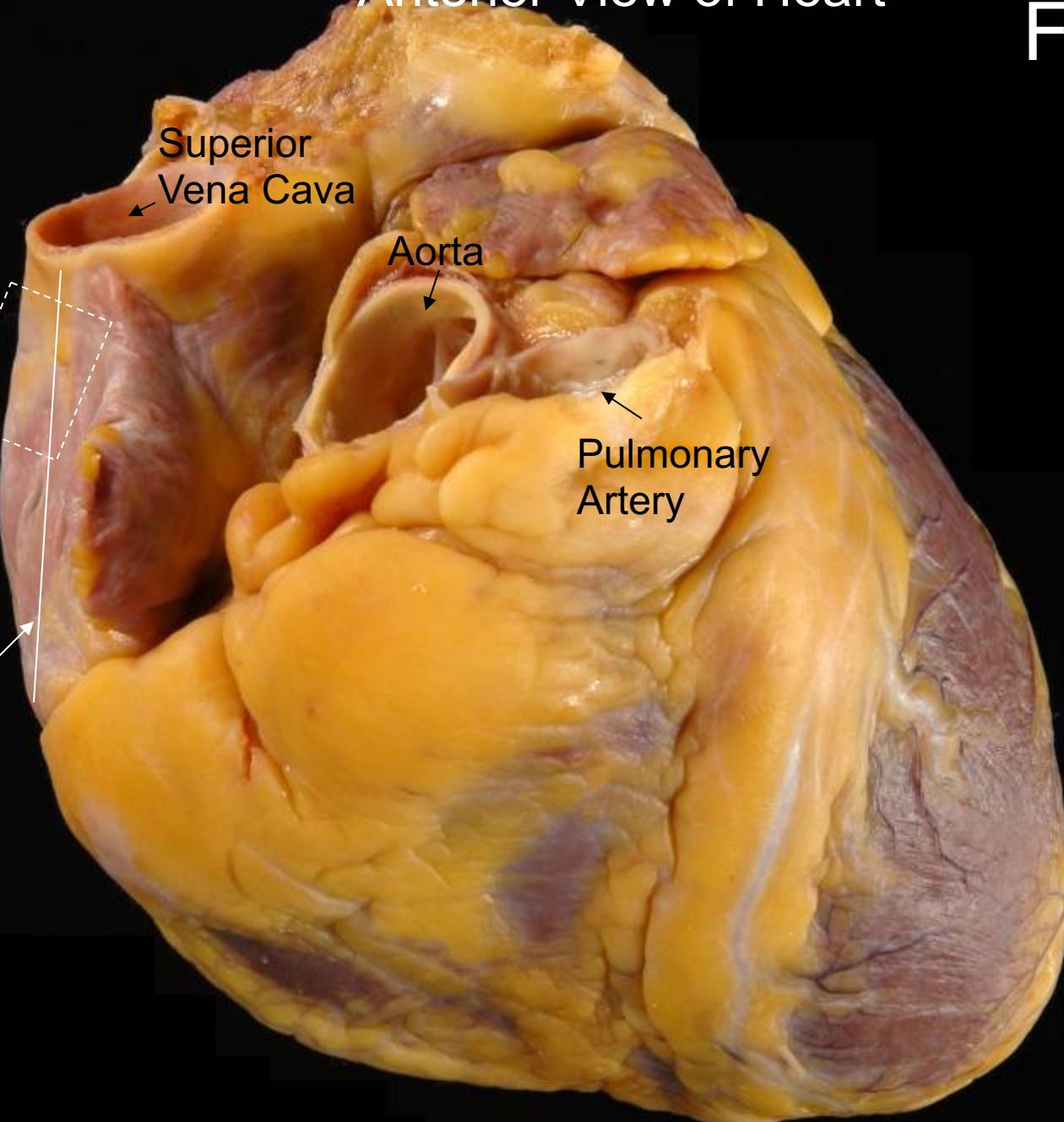
Remove
this block
of tissue
for SA
node

Superior
Vena Cava

Aorta

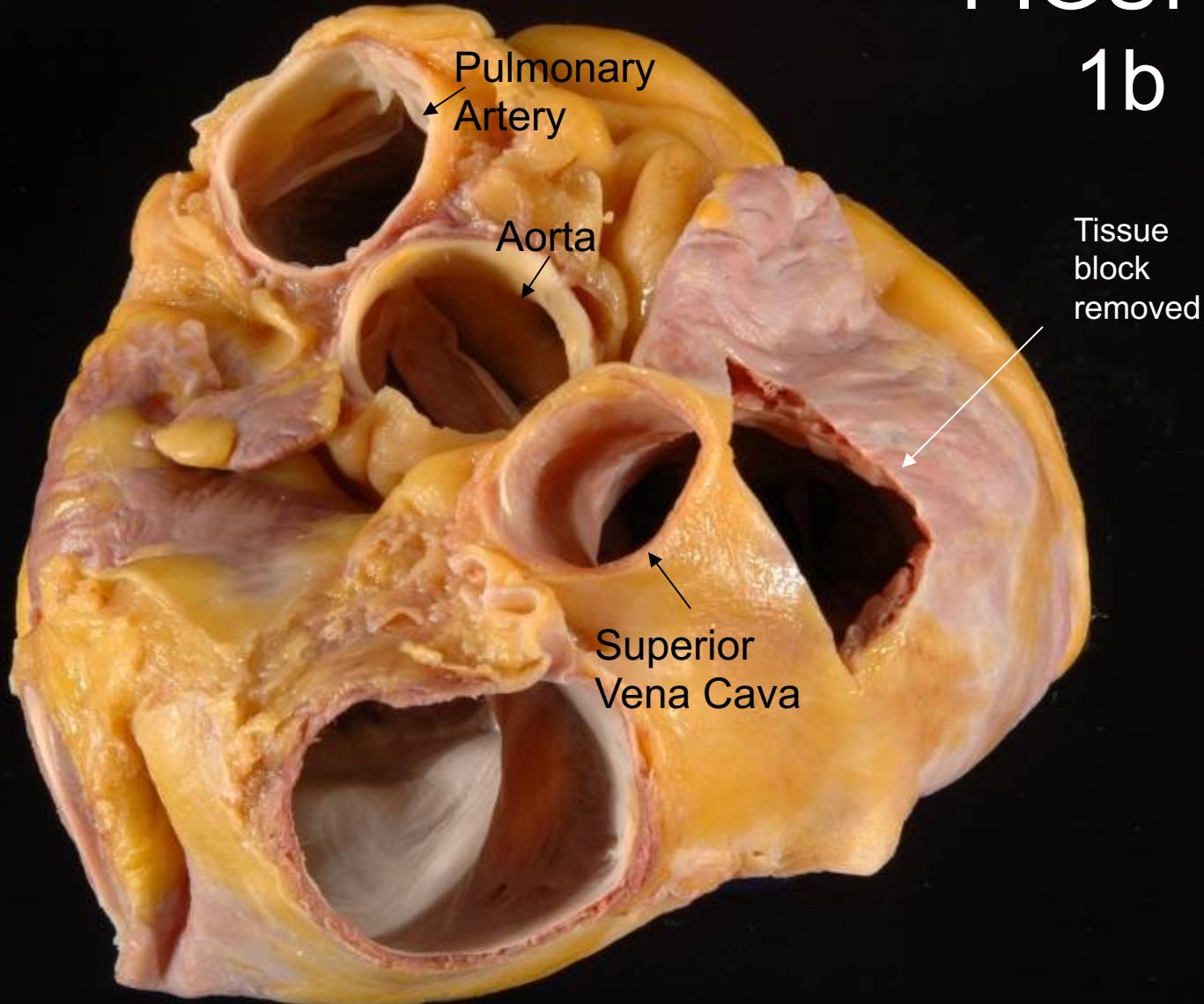
Pulmonary
Artery

Line
connecting
IVC and
SVC



Superior View of Heart

FIGURE
1b



Tissue
block
removed

Opened Right Atrium and Ventricle (from posterior view)

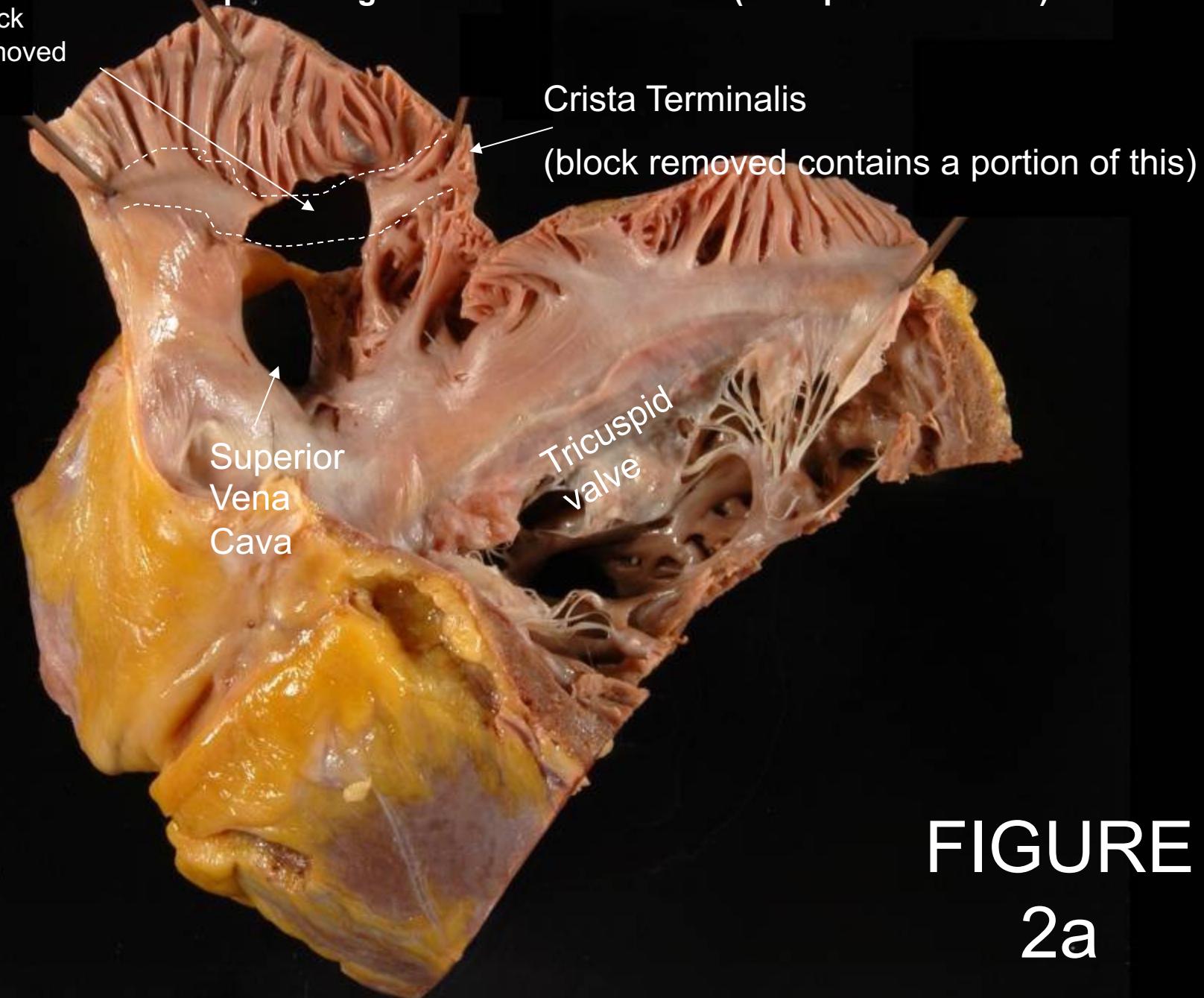


FIGURE
2a

Epicardial view of block



Endocardial view of block

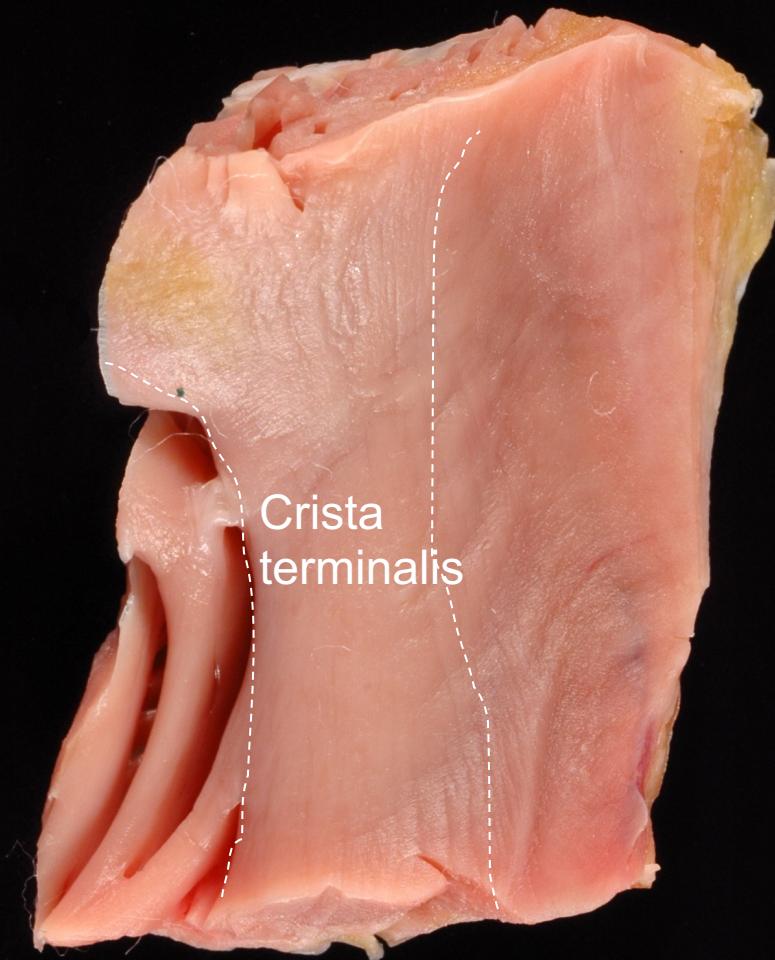


FIGURE 2b
- optional

Sections cut like this

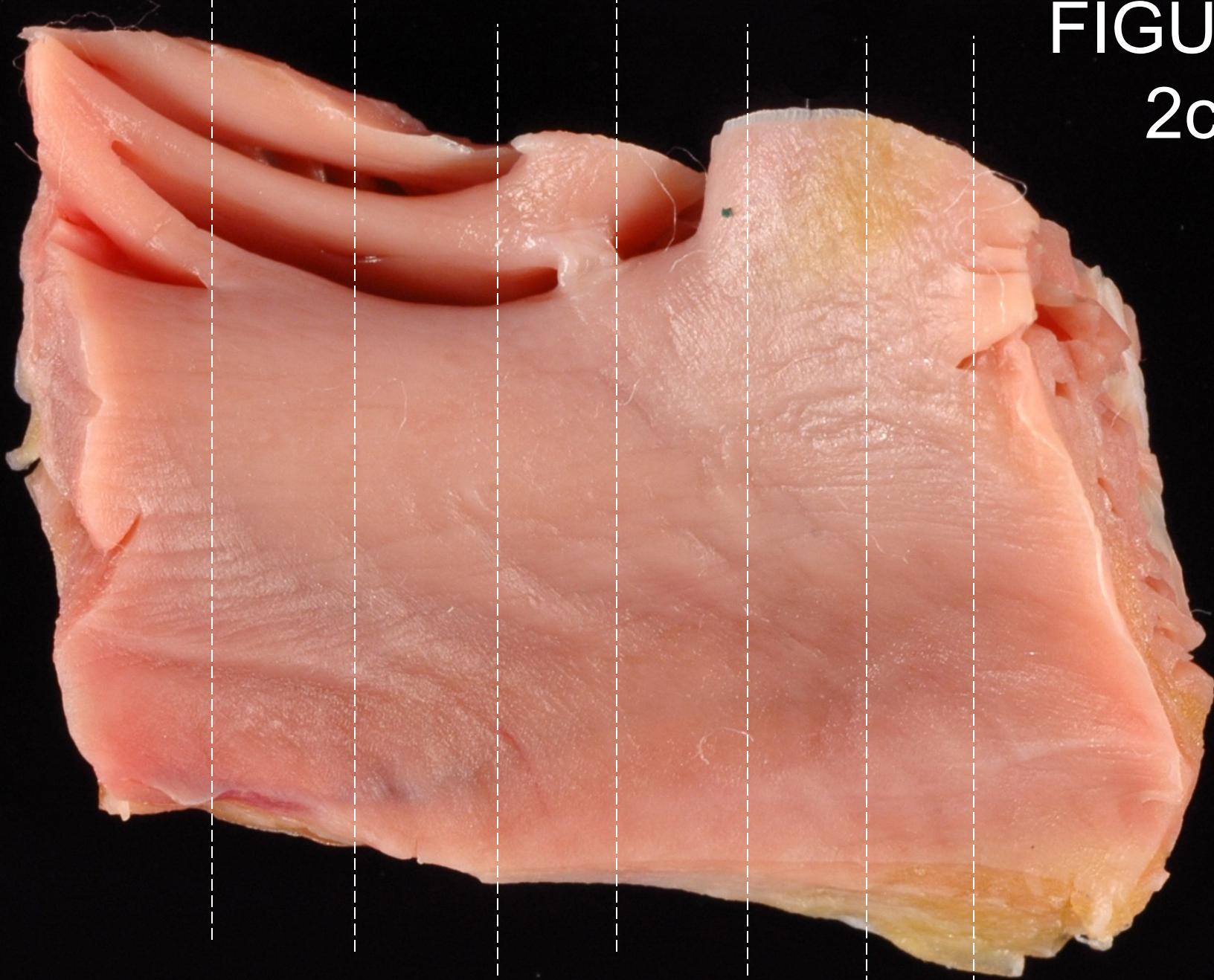


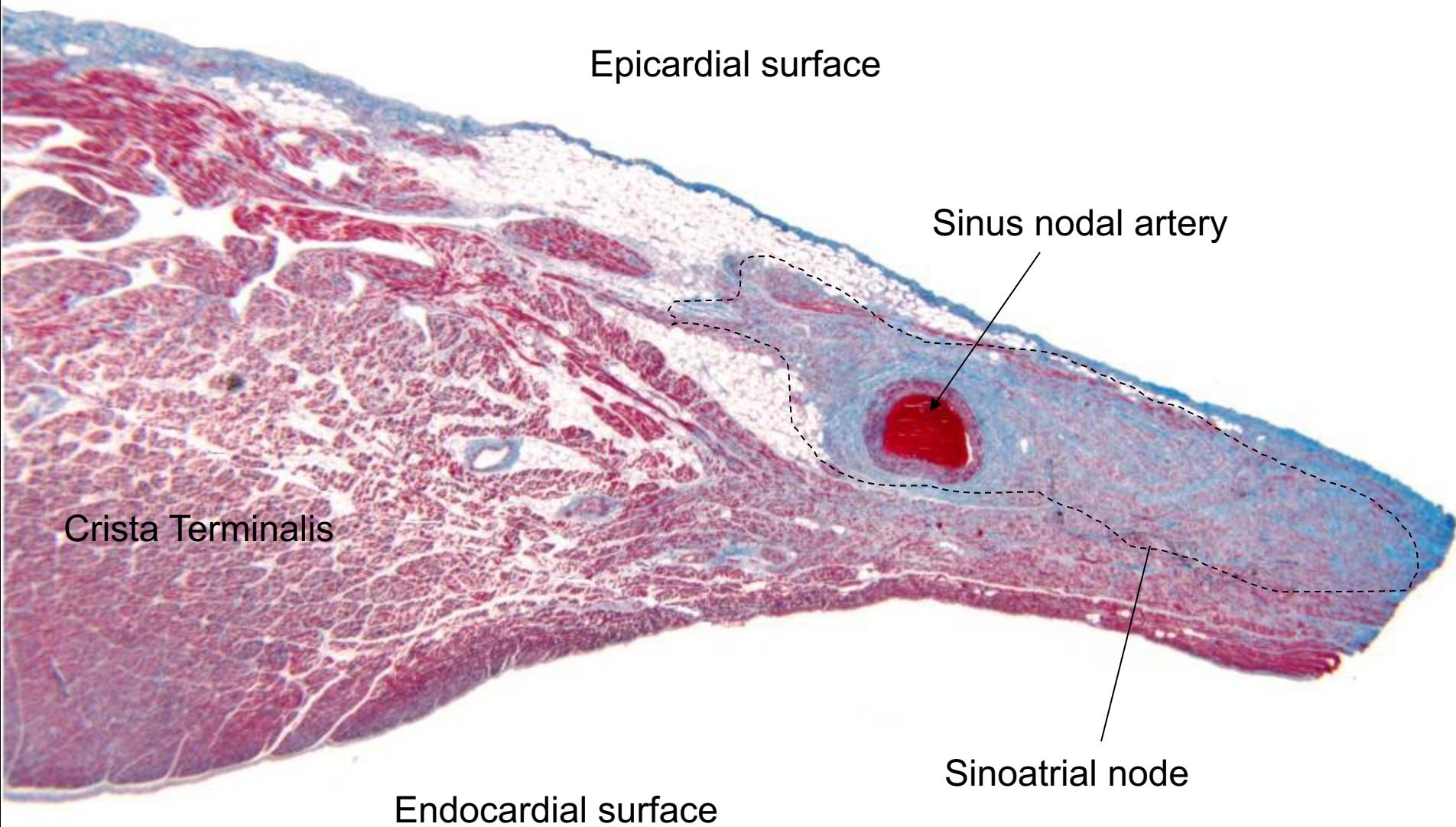
FIGURE
2c

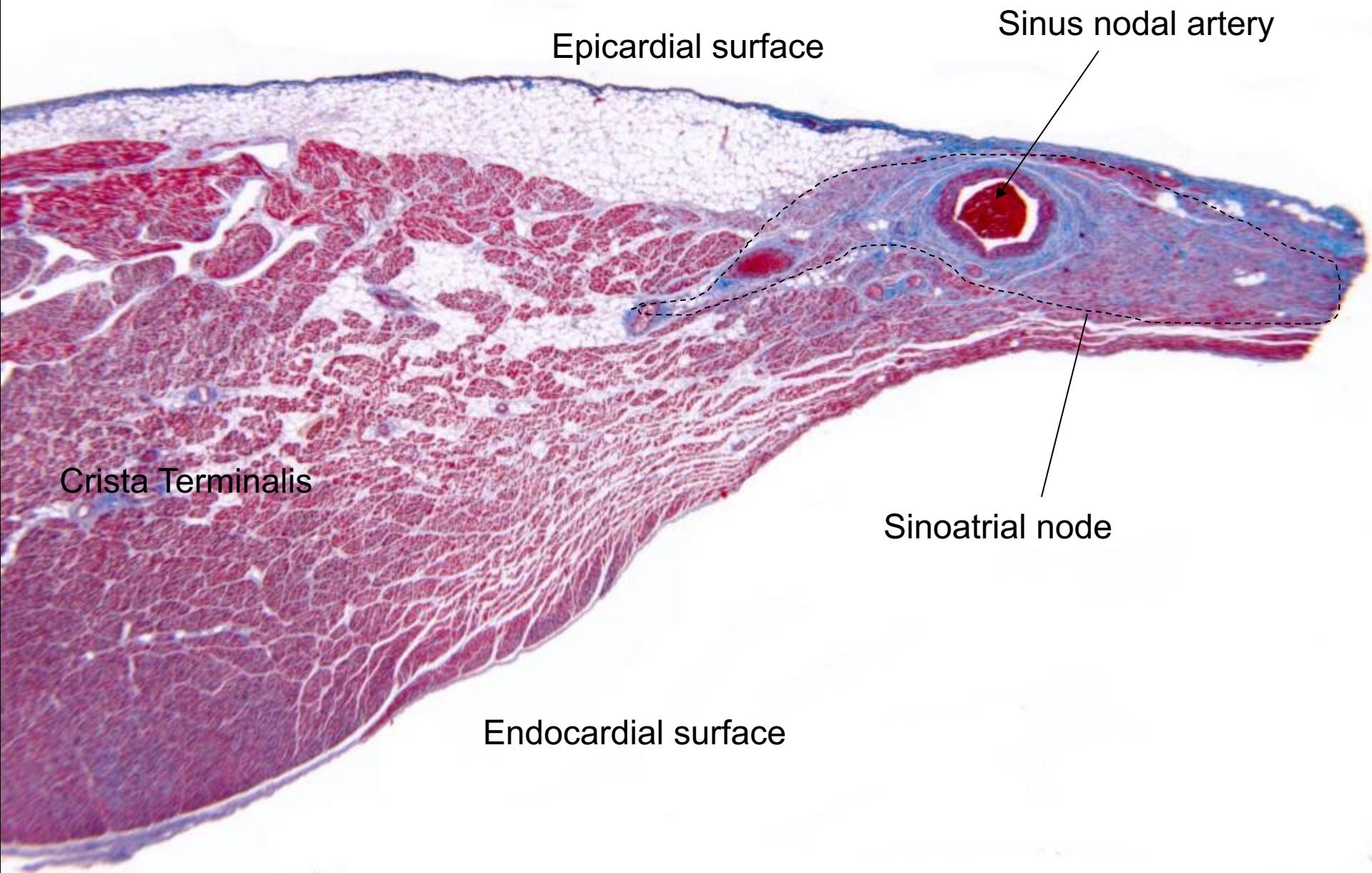
Resulting in pieces that look like this

FIGURE 3



FIGURE 4

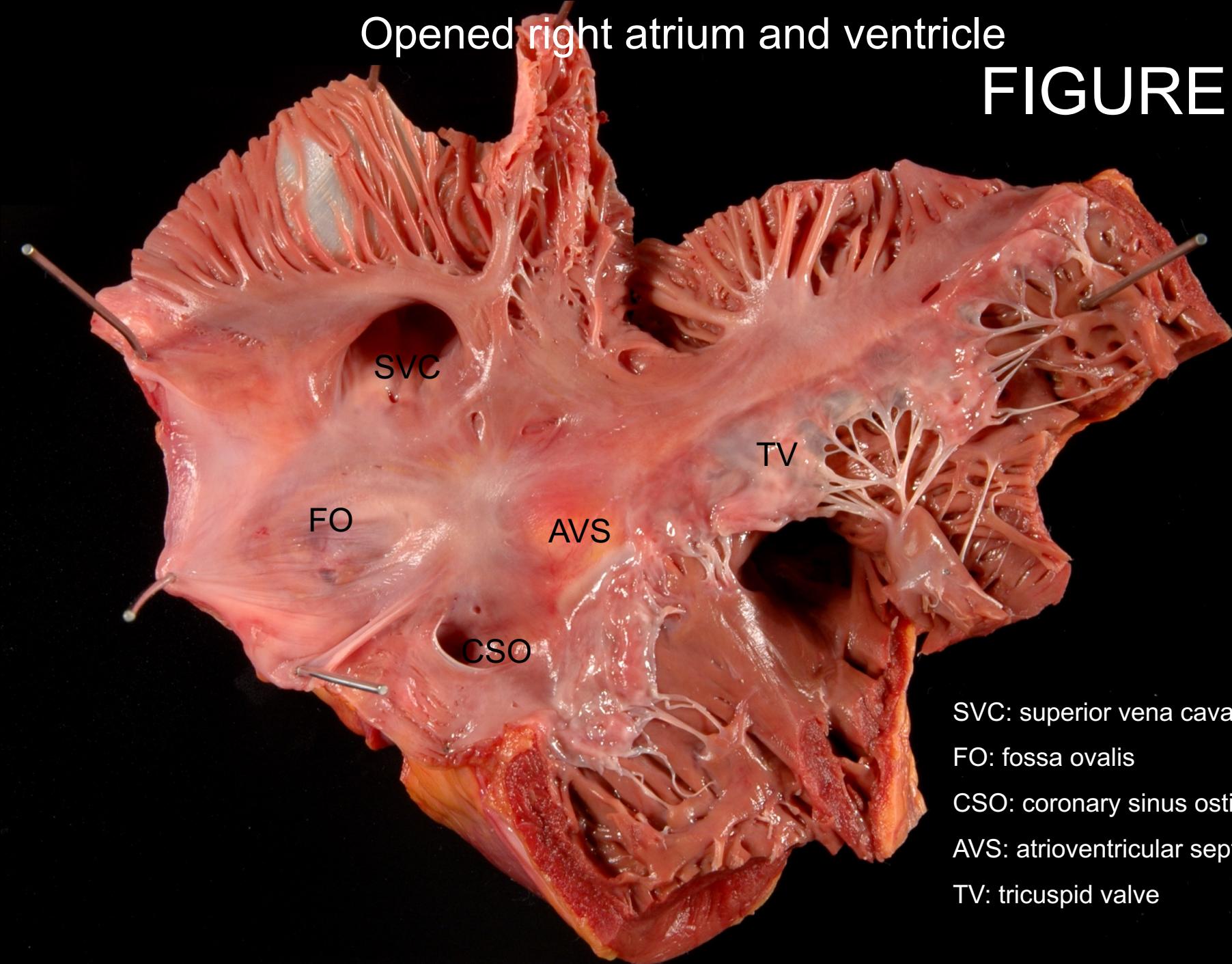




Atrioventricular Node

Opened right atrium and ventricle

FIGURE 5



SVC: superior vena cava

FO: fossa ovalis

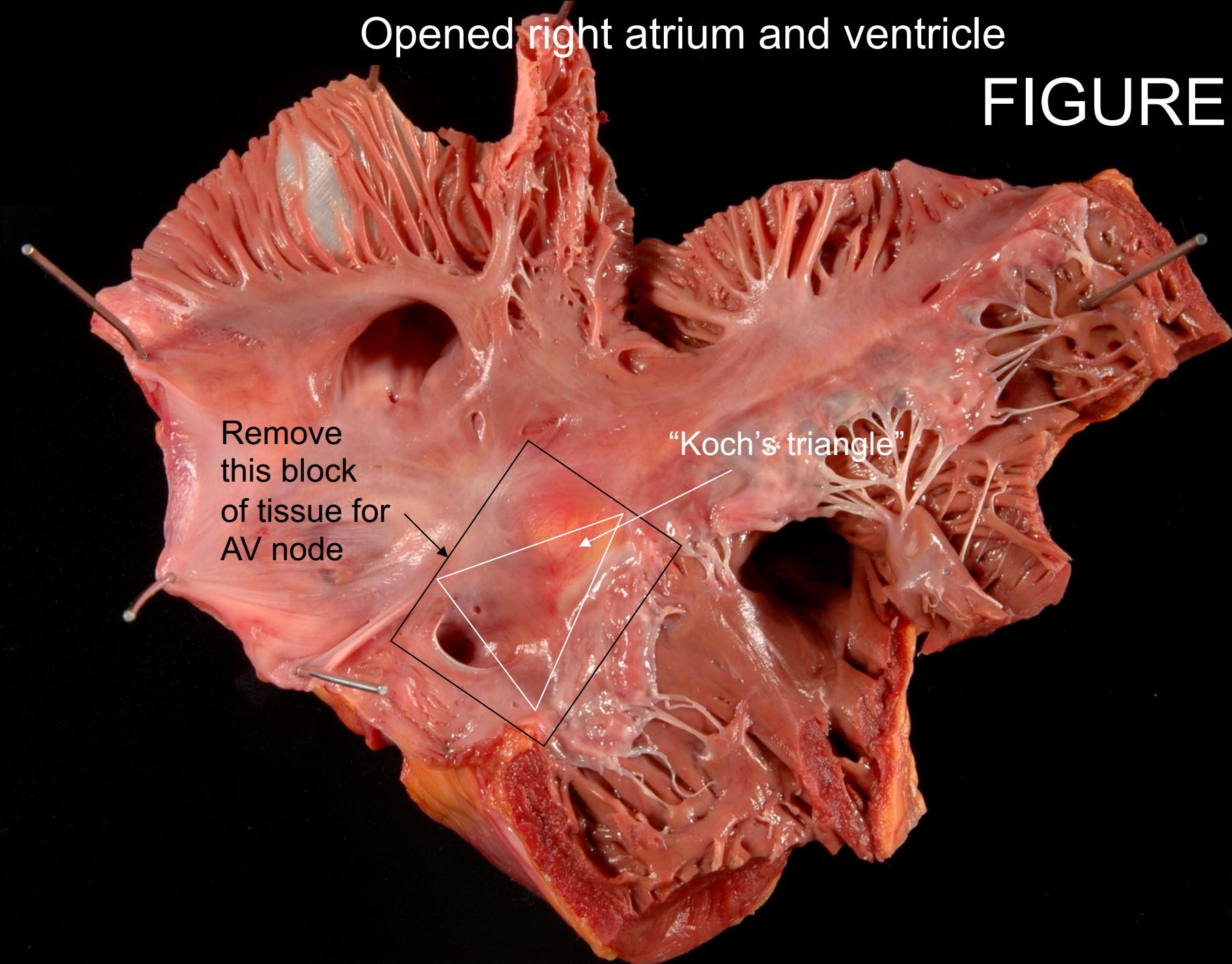
CSO: coronary sinus ostium

AVS: atrioventricular septum

TV: tricuspid valve

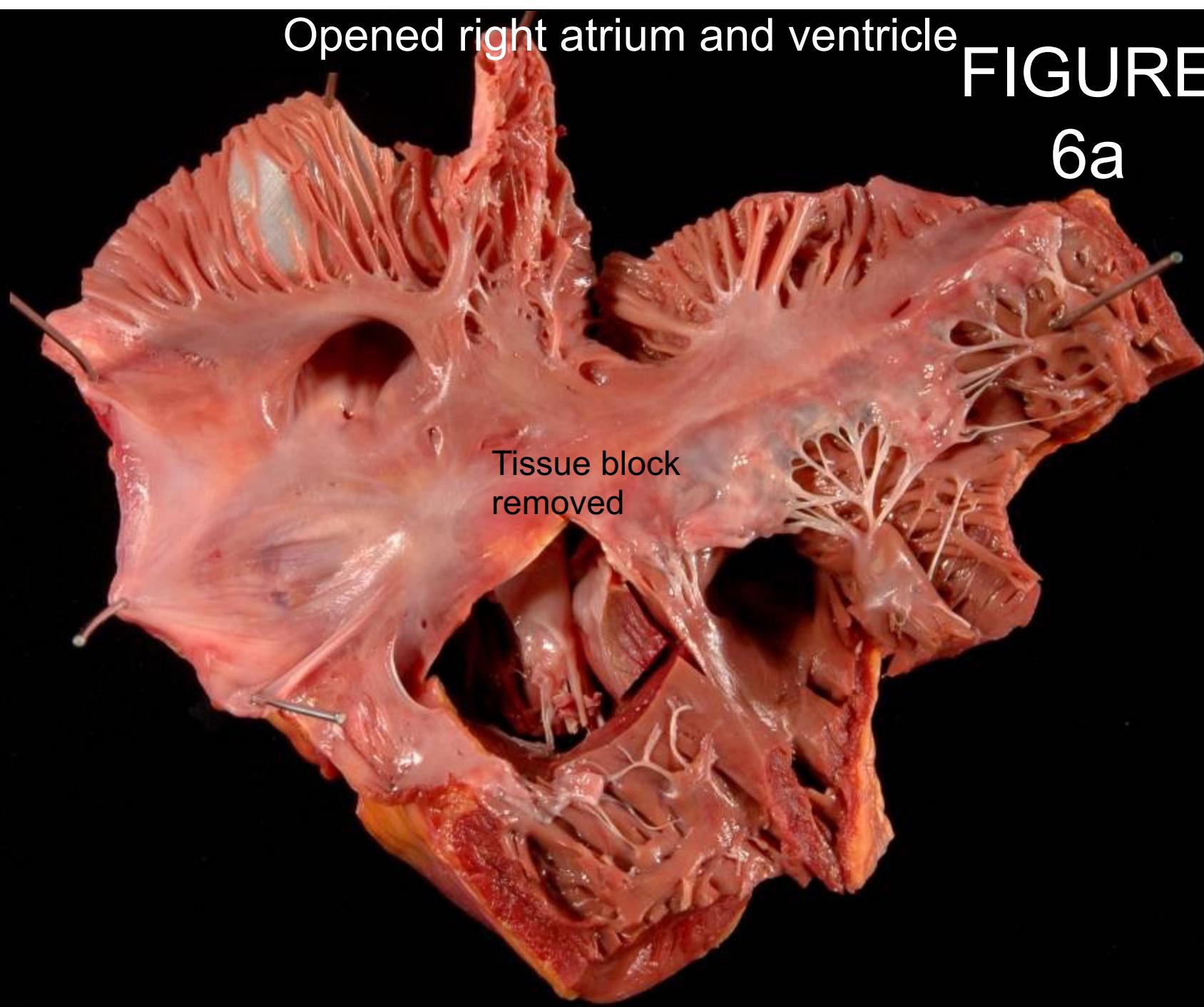
Opened right atrium and ventricle

FIGURE 5



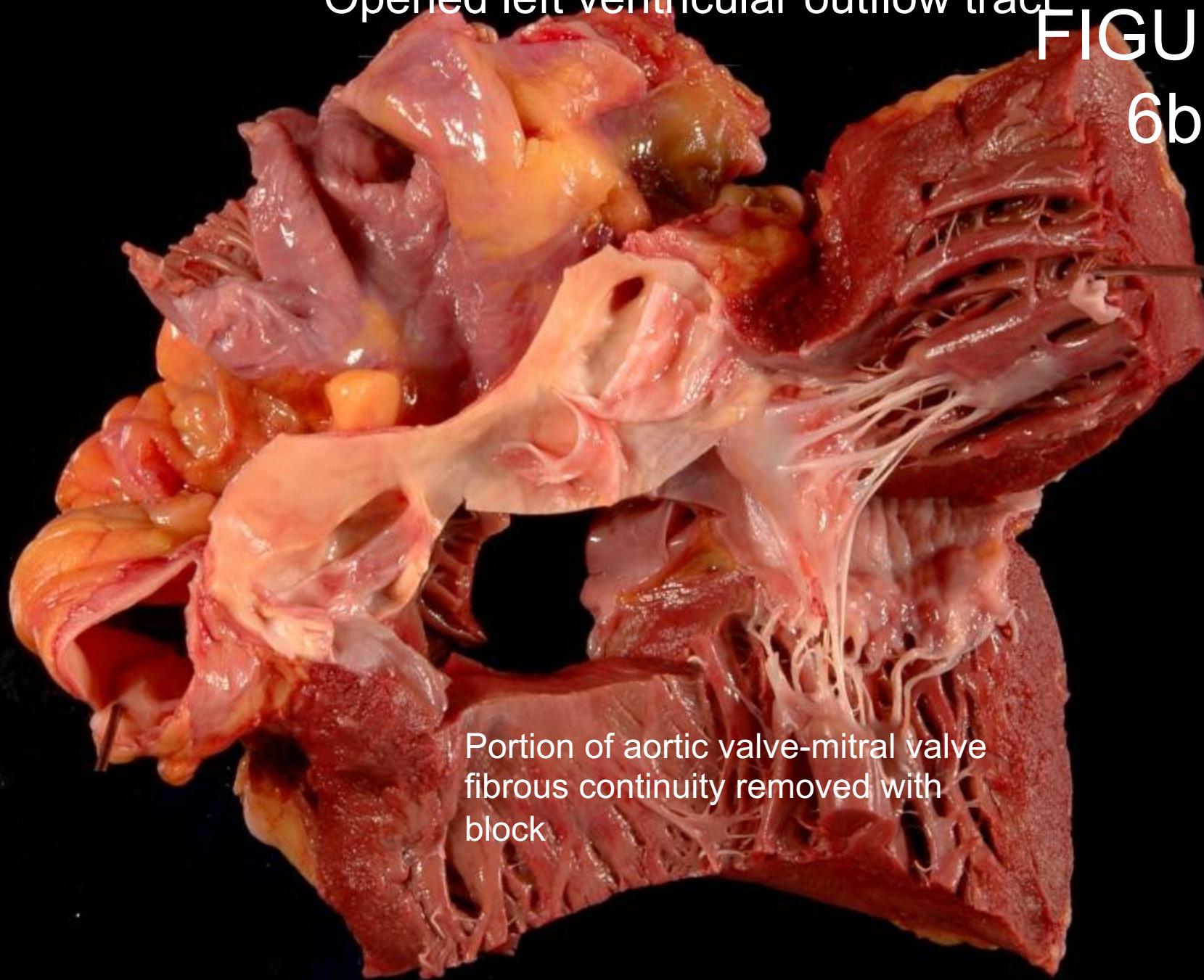
Opened right atrium and ventricle

FIGURE
6a



Opened left ventricular outflow tract

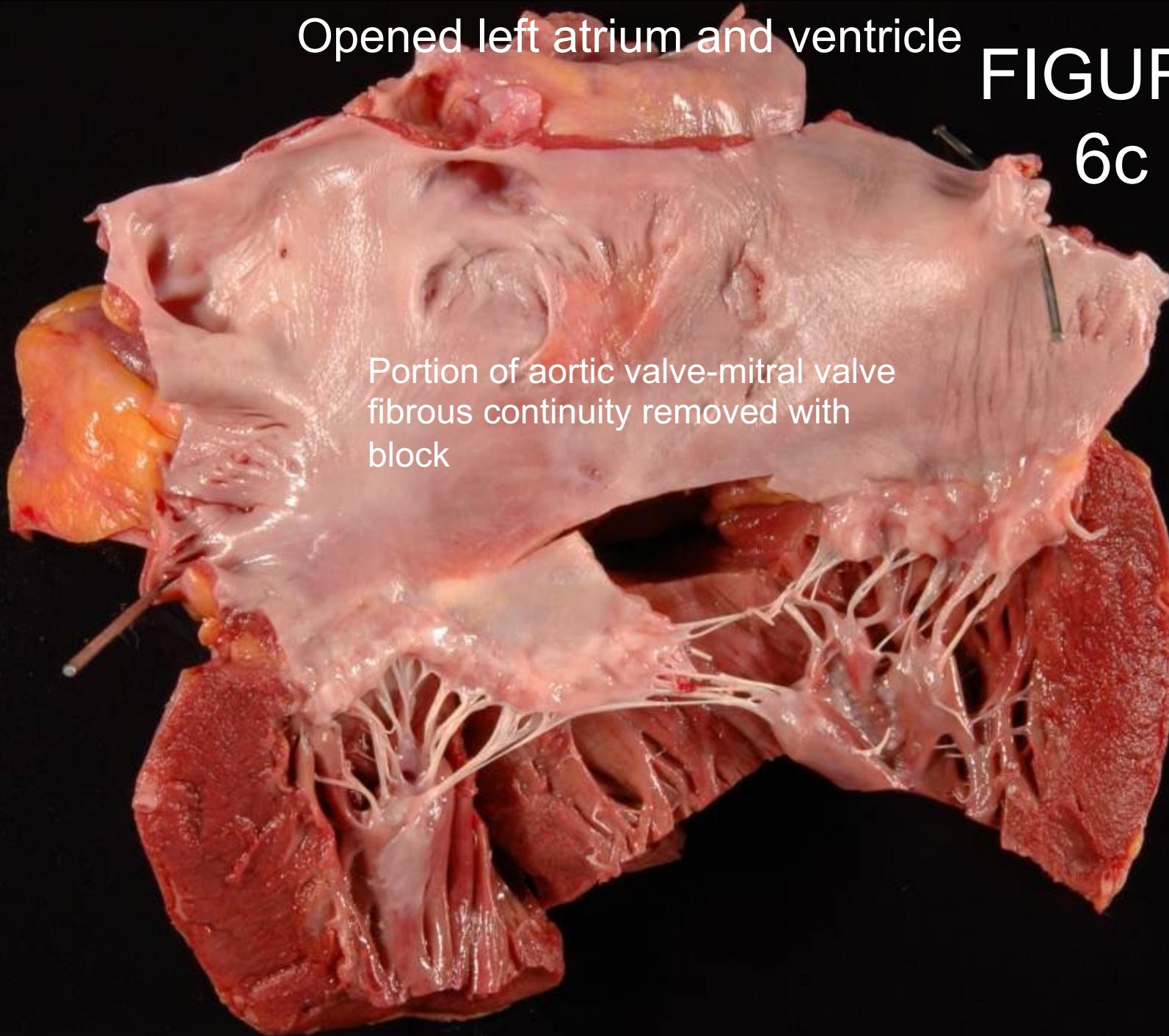
FIGURE
6b



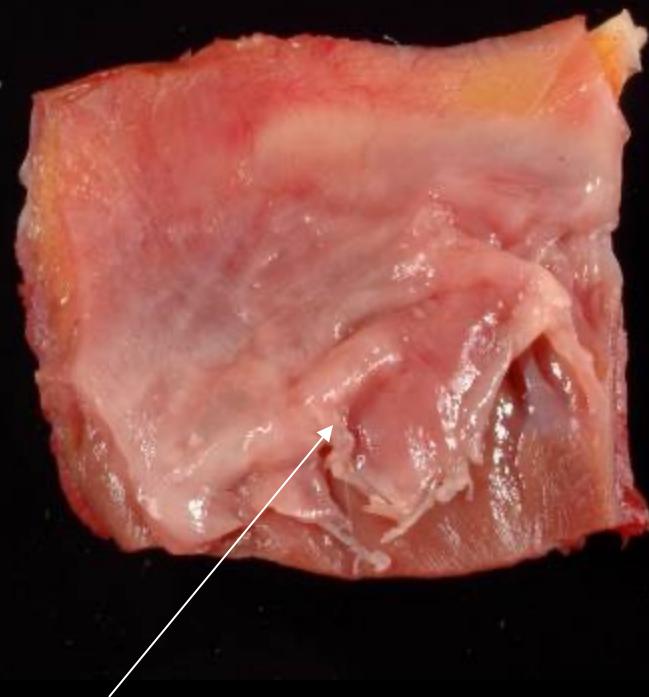
Portion of aortic valve-mitral valve
fibrous continuity removed with
block

Opened left atrium and ventricle

FIGURE
6c

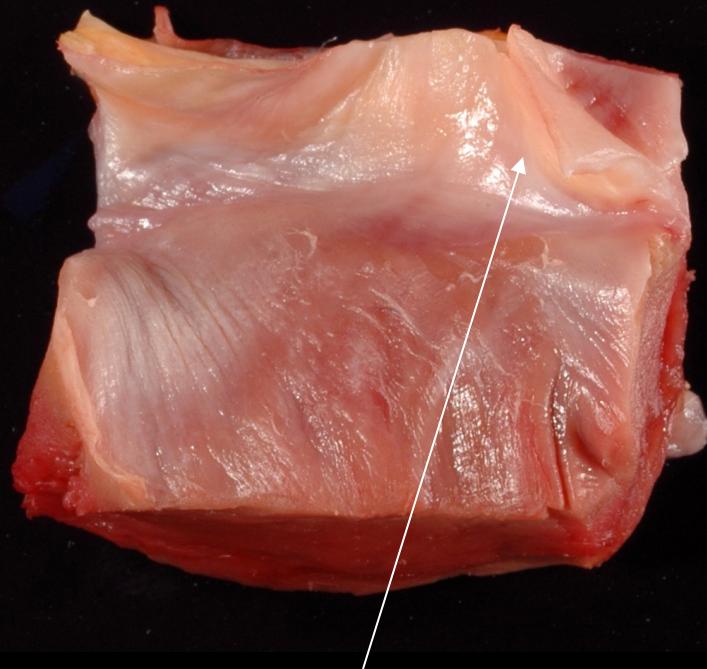


Right Atrial Aspect of Block



Tricuspid
valve

Left Ventricular Outflow Tract
Aspect of Block



Aortic-mitral fibrous
continuity

FIGURE
7a

FIGURE
7b

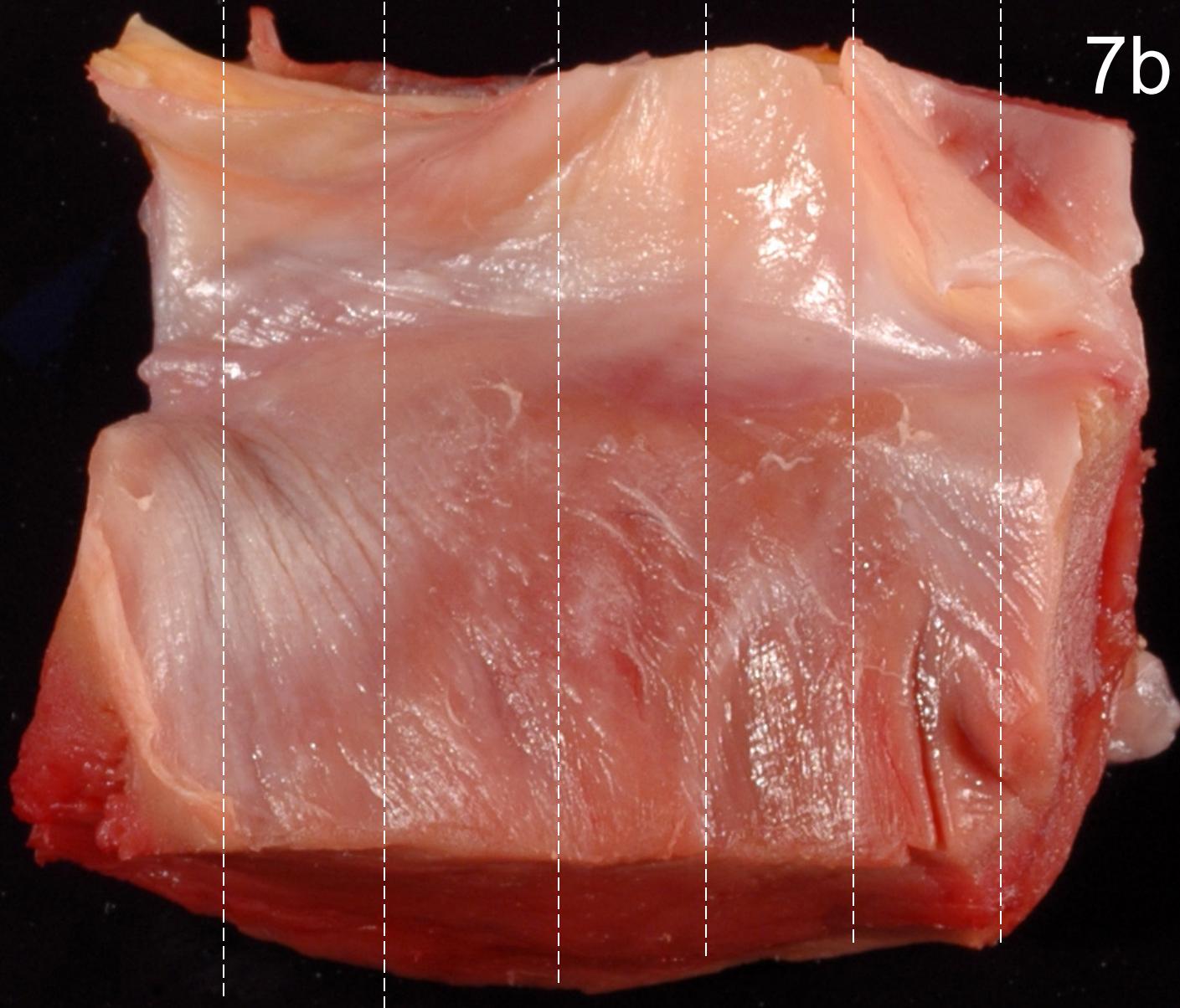
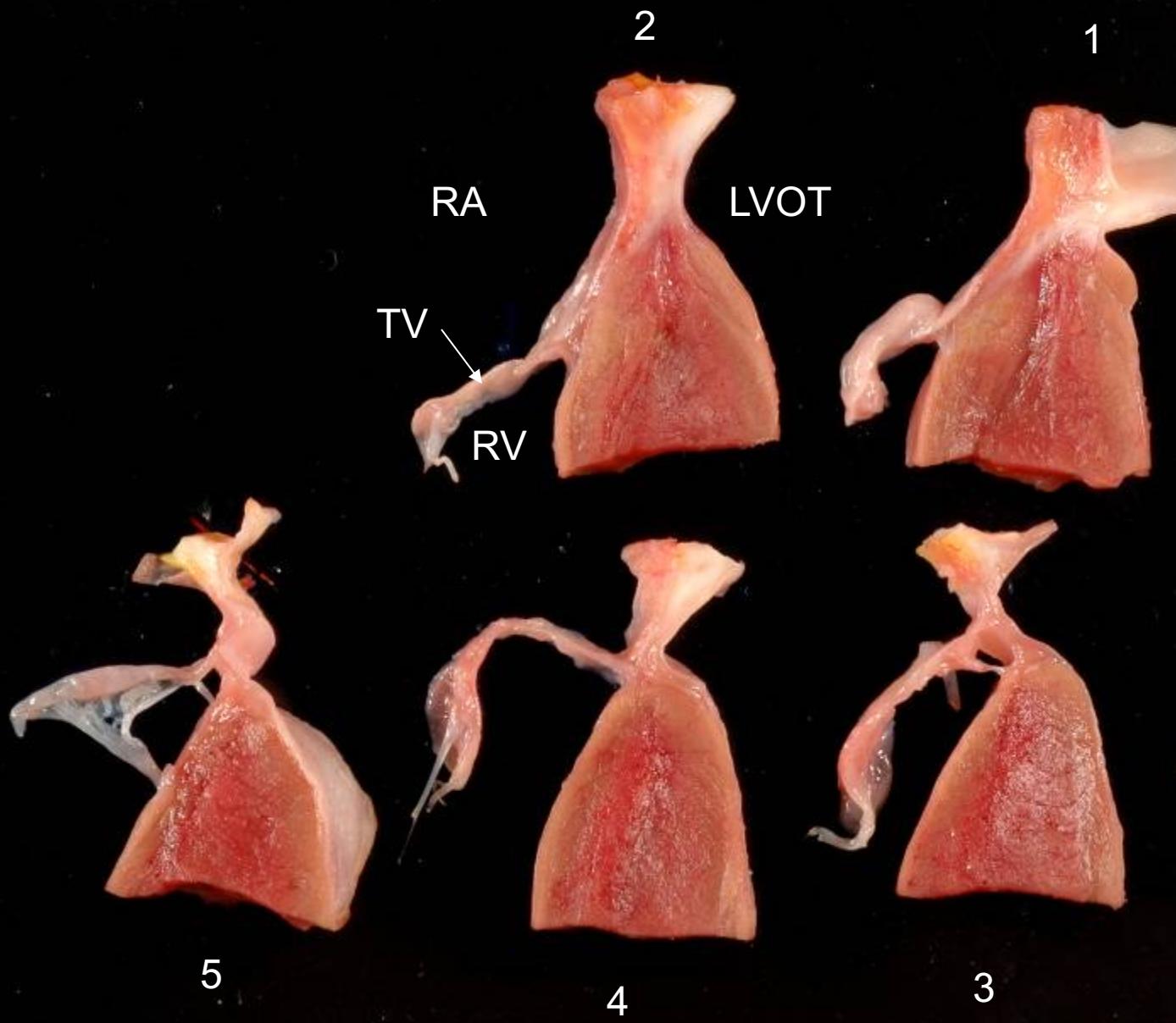


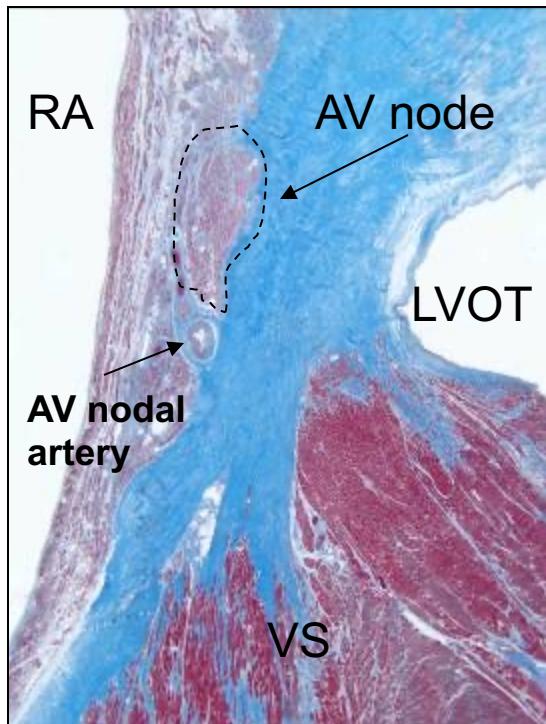
FIGURE
7c



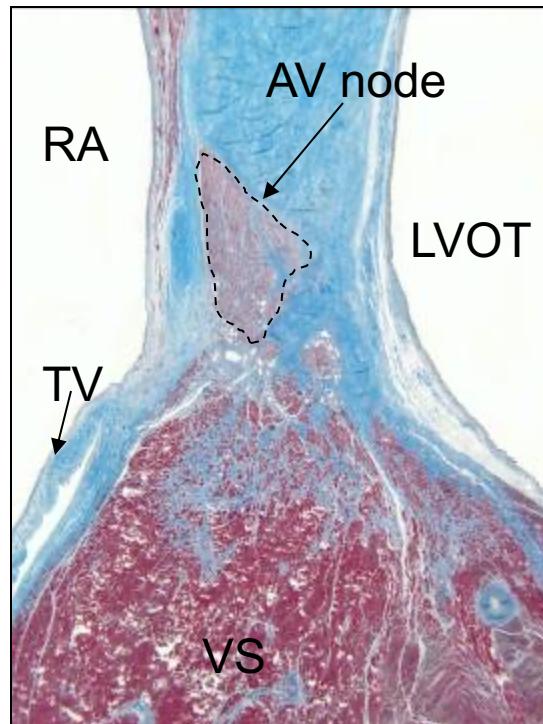
FIGURE

8a

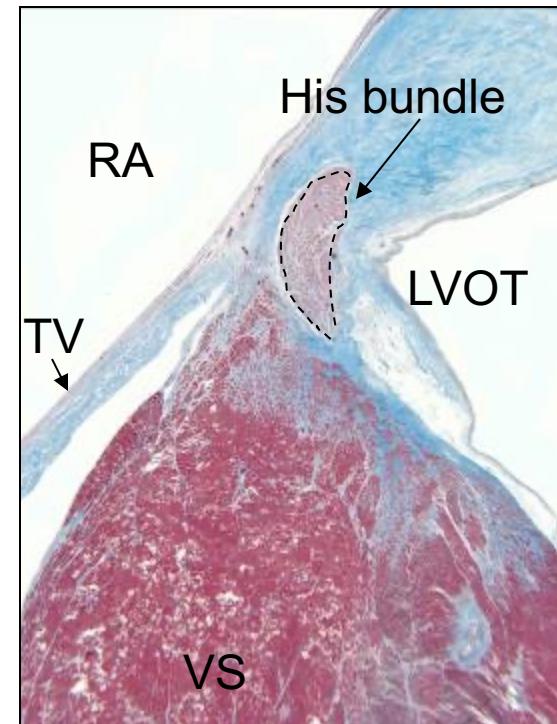
1



2

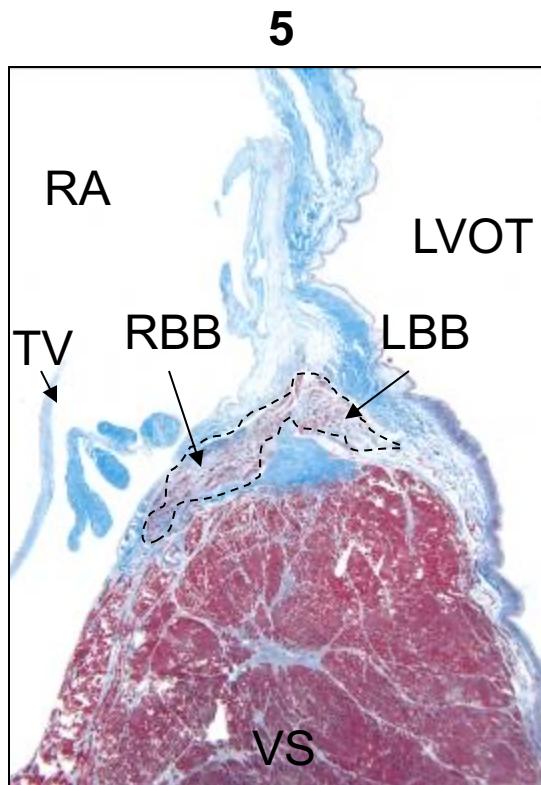
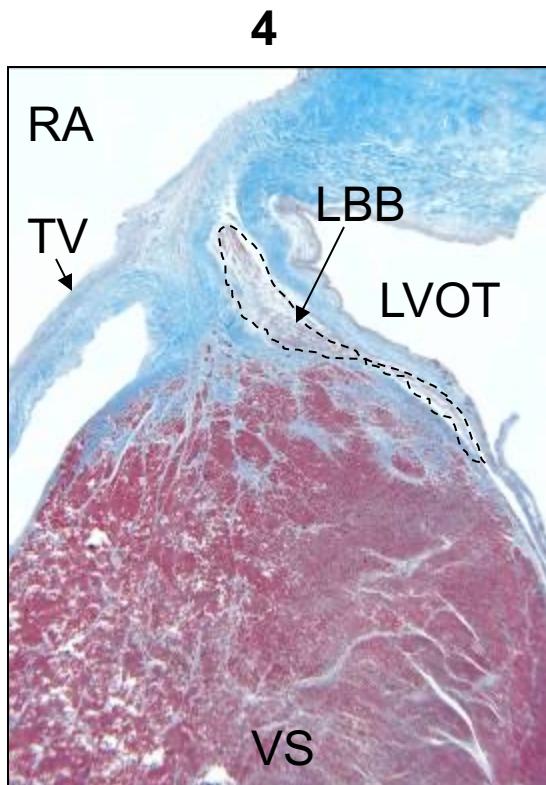


3



FIGURE

8b



RA: right atrium

TV: tricuspid valve

VS: ventricular septum

LVOT: left ventricular outflow tract

AV: atrioventricular

RBB: right bundle branch

LBB: left bundle branch