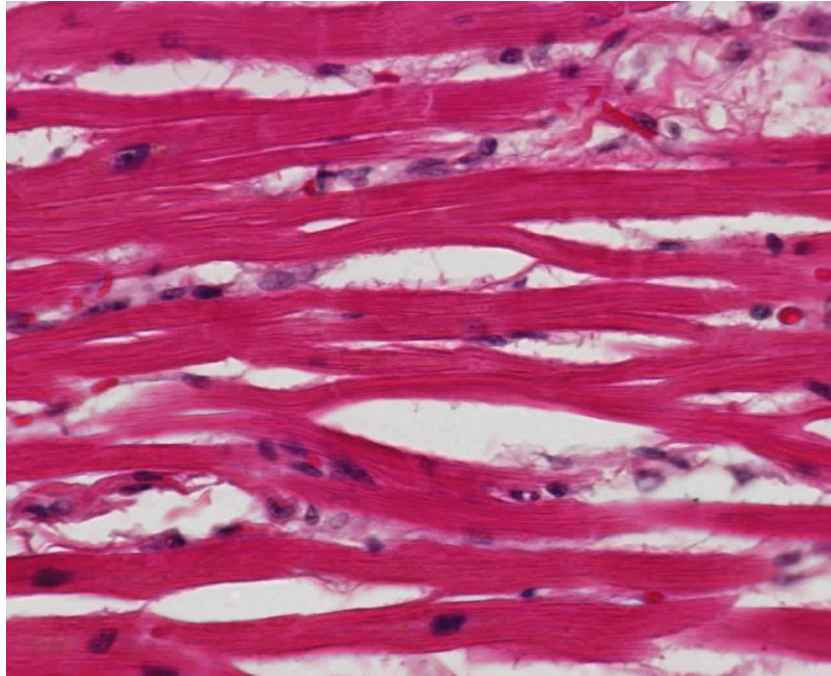


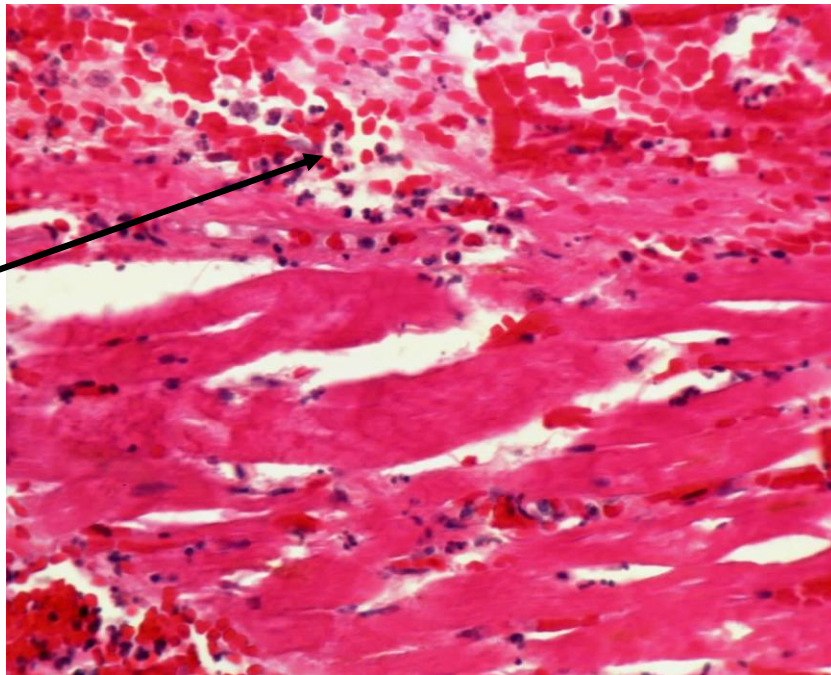
# Histology Report

## Myocardial Reference Slides



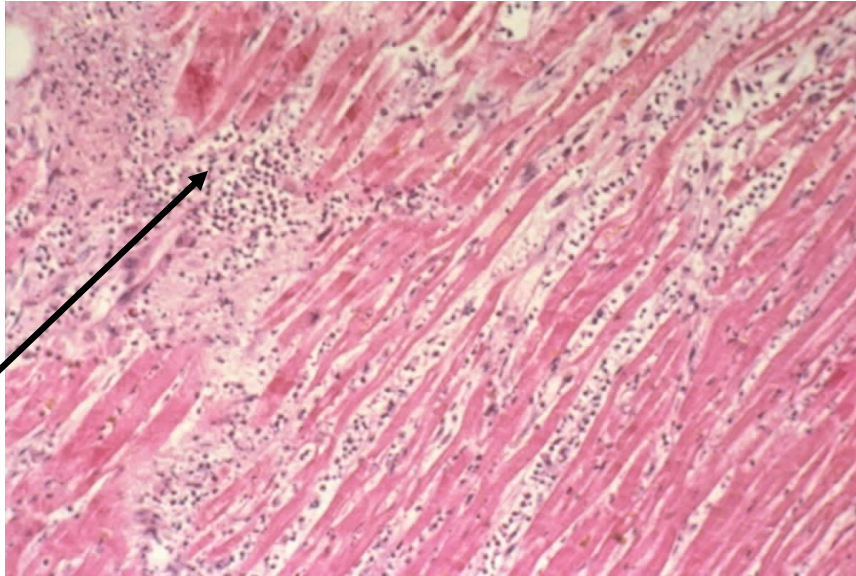
**Normal Heart Tissue**

Increased  
number of  
black dots  
indicates  
inflammation.



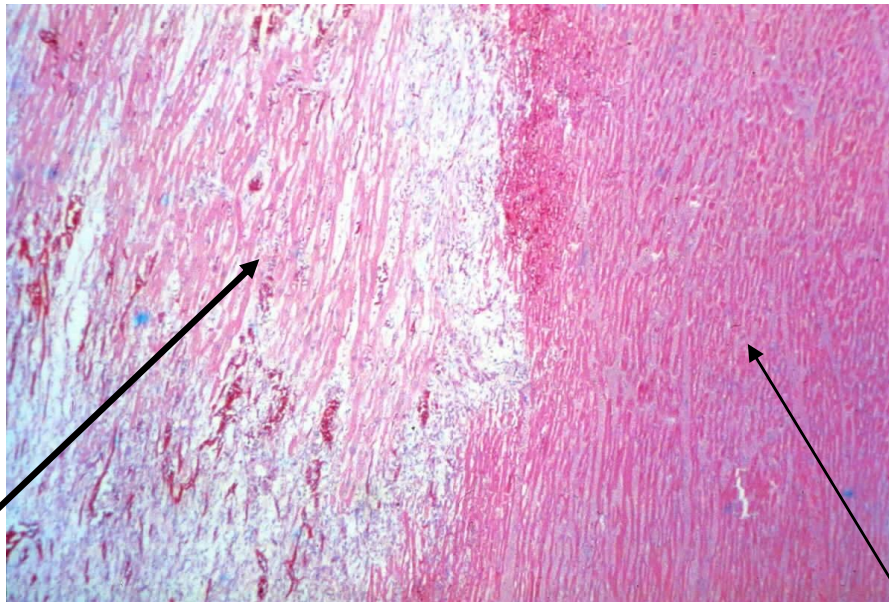
**8 – 12 Hours After  
Myocardial Infarction (MI)**

## Myocardial Reference Slides



Increased number of black dots indicates inflammation.

2 – 4 Days After MI Shows Loss of Muscle Tissue

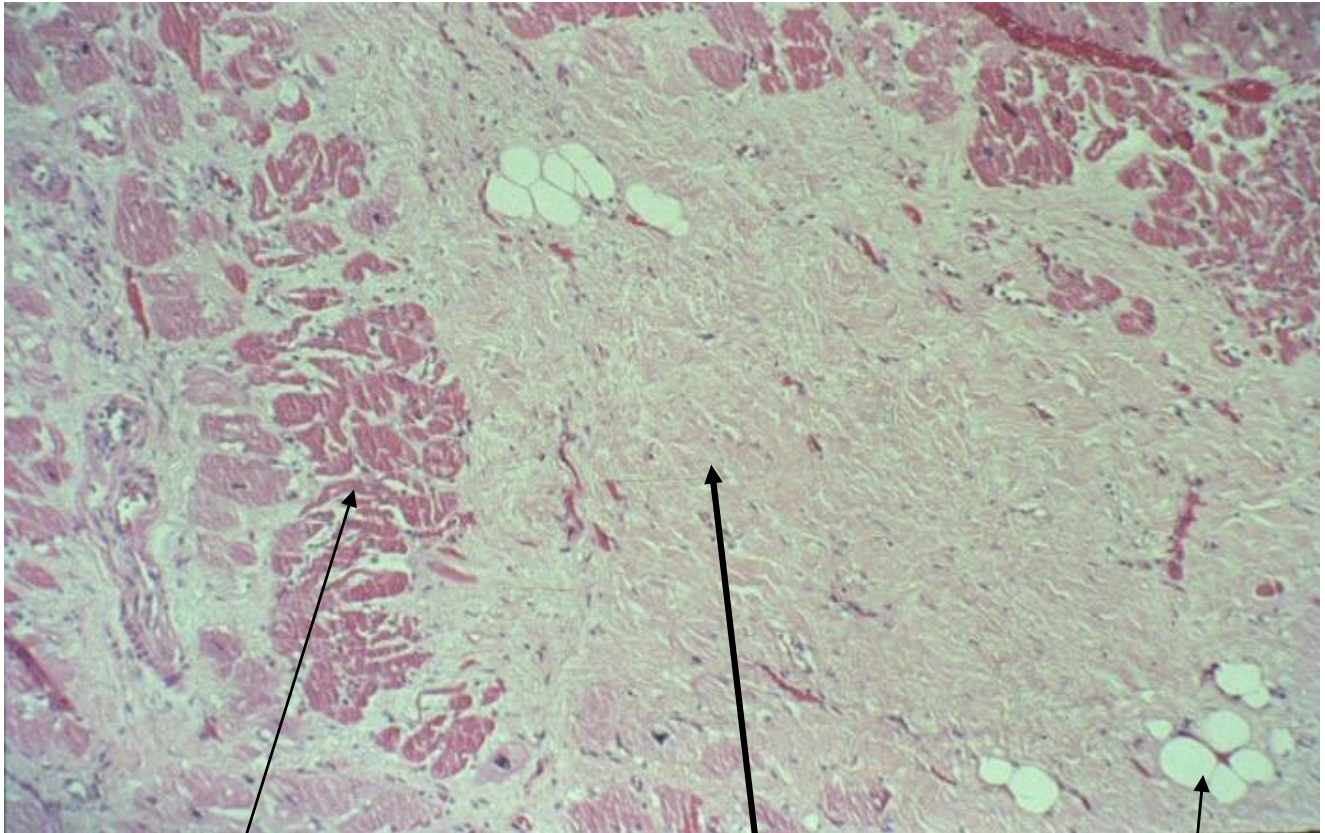


White tissue indicates healing - granulation of tissue.

Healing MI

Healthy tissue with good blood supply

## **Myocardial tissue slide from Case Number: 55269M**

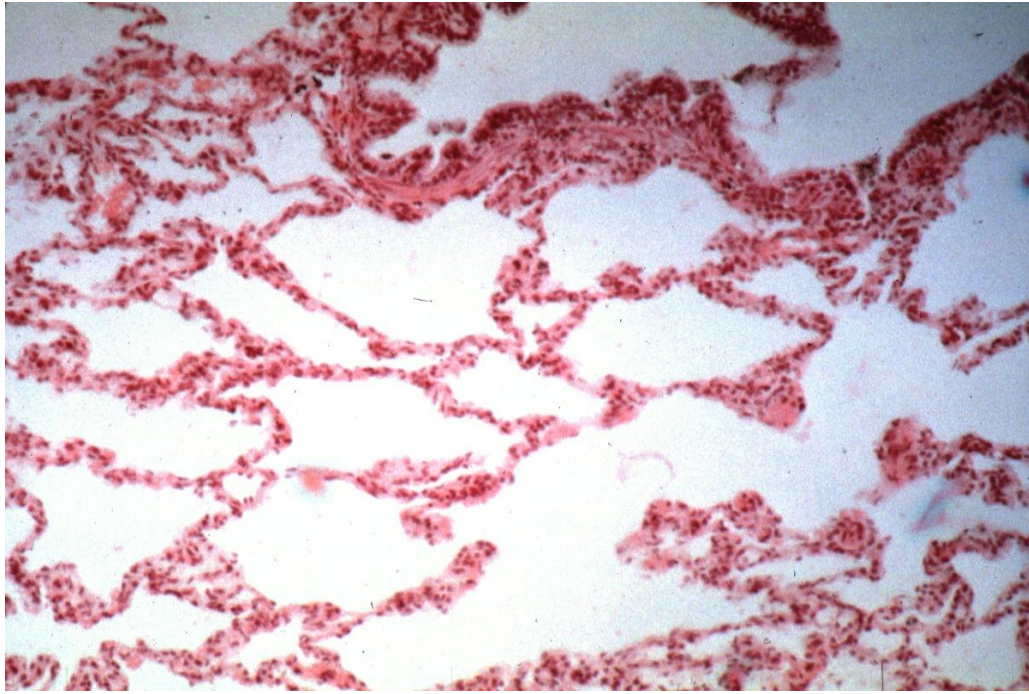


**White tissue indicates scarring.**

**Some healthy  
tissue with  
good blood  
supply**

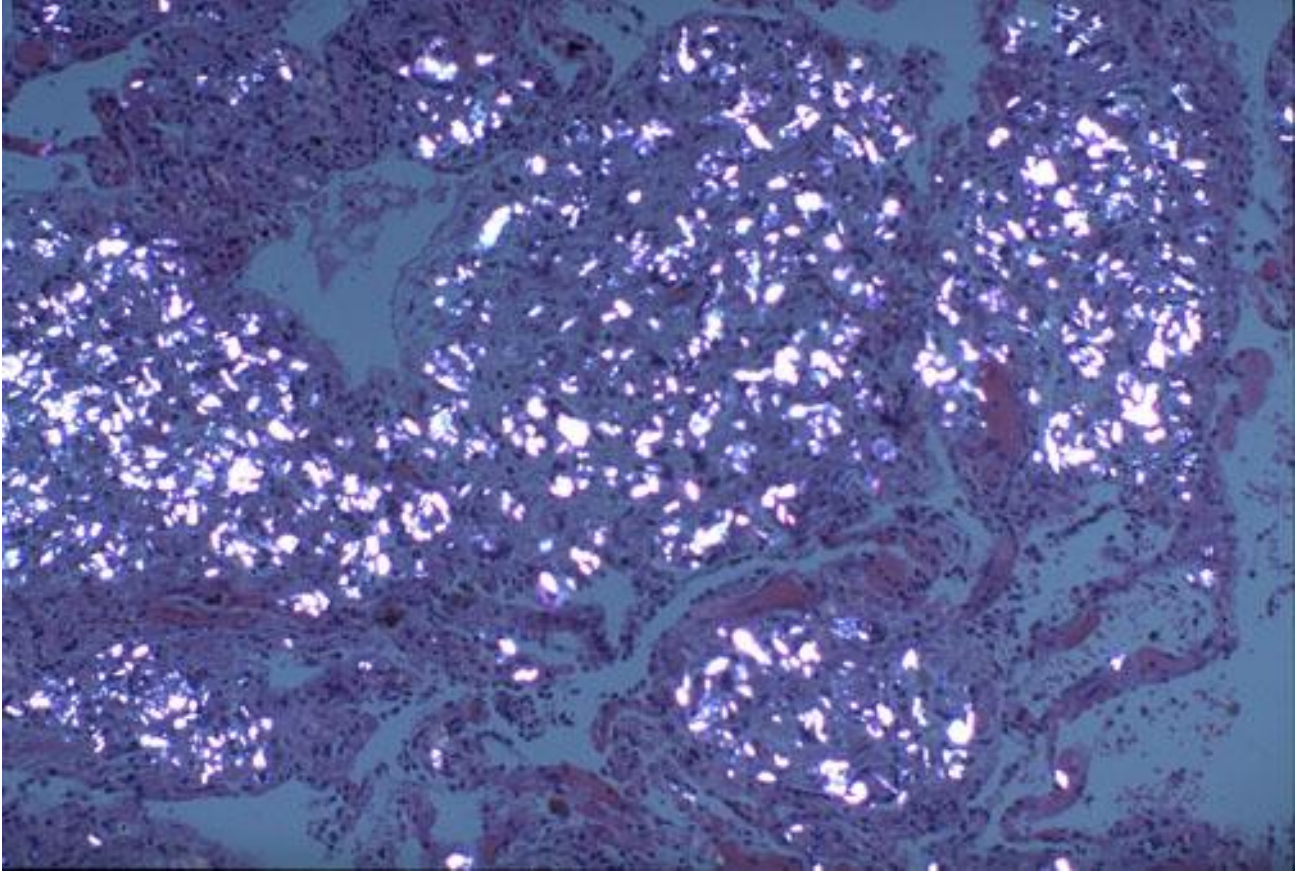
**Fat vacuoles**

## **Lung Tissue Reference Slide**



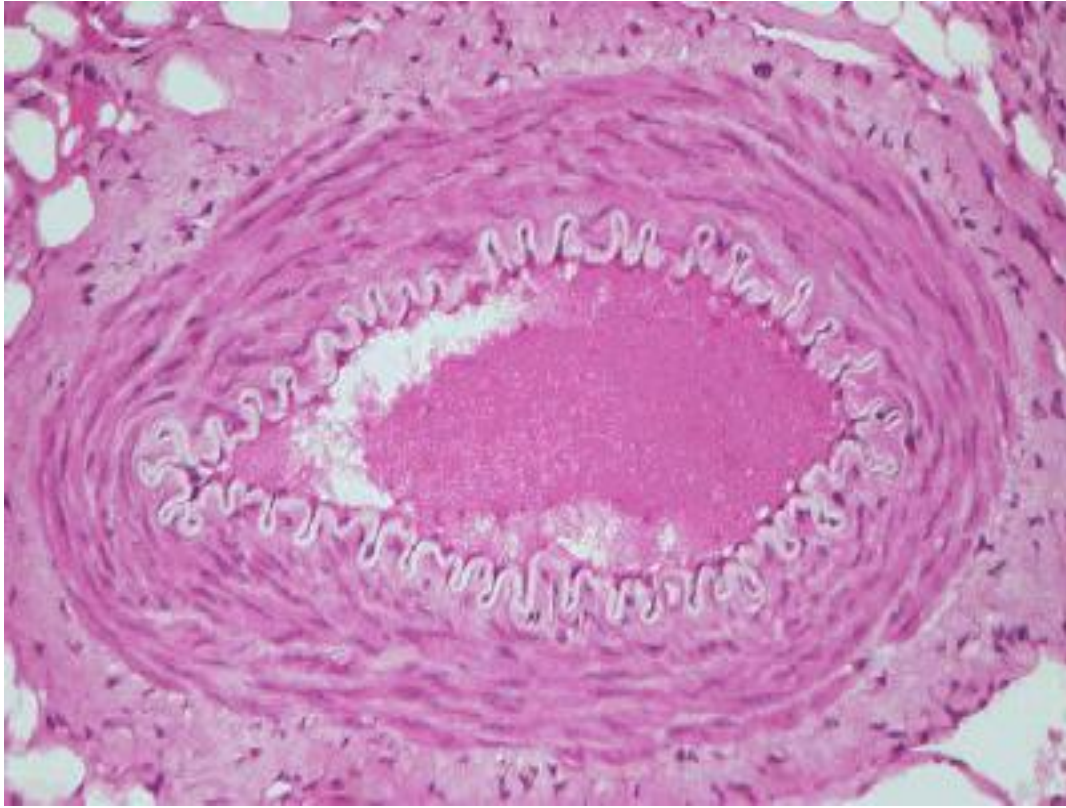
**Normal Lung Tissue**

**Lung tissue from Case Number: 55269M**



**White spots indicate talc granules found in the lungs. Talcum powder is a soft metal and is often mixed with illicit drugs Talc is not soluble and will remain in the lungs indefinitely.**

## **Coronary Artery Reference Slide**



**Normal Coronary Artery  
with blood in the center and  
the artery wall surrounding  
it.**

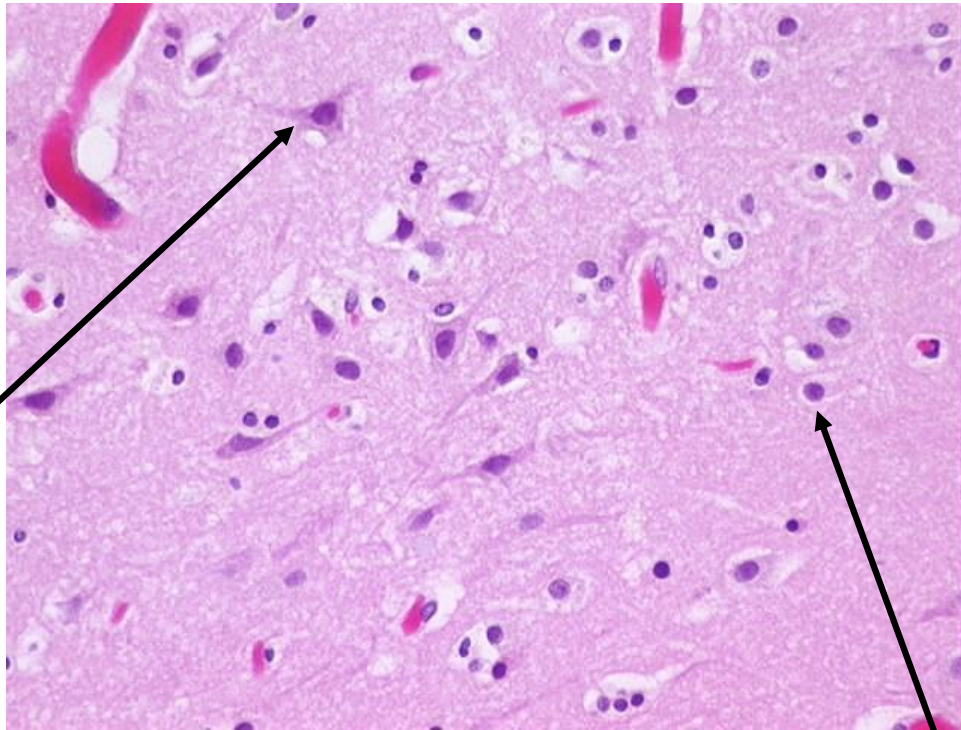
**Coronary artery tissue from Case Number: 55269M**



**Open area for  
blood to flow**

**Blockage**

## Brain Tissue Reference Slide

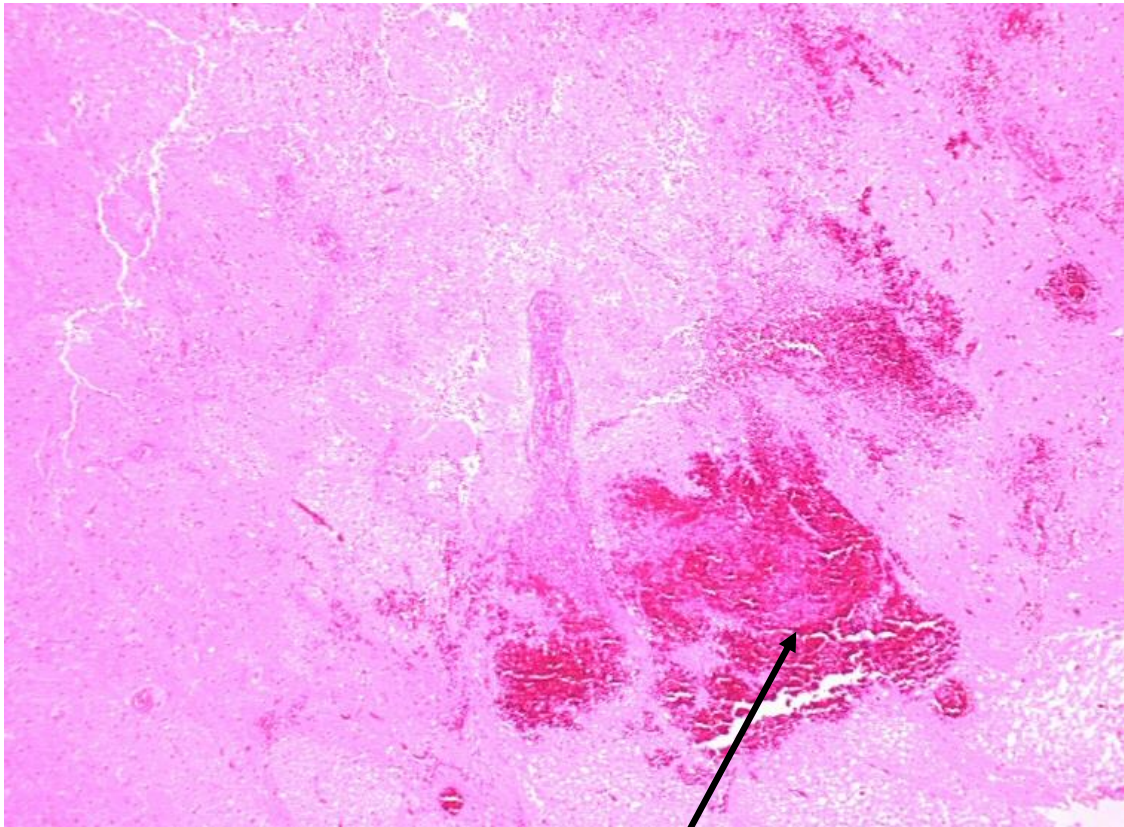


The dark  
purple, almost  
triangular  
areas are  
neurons.

Normal Brain Tissue

The purple circles  
are glial tissue

**Brain tissue from Case Number: 55269M**



**Hemorrhage**