

AIN SHAMS UNIVERSITY
Education Strategy Administration
Central E-Learning Unit



ASU Virtual Microscopy High-Resolution Images

Platform User Guides

User/student Guide October 2021





Welcome to Ain Shams University Virtual
Microscopy and
high resolution images Platform

Click on your faculty name :

Faculty of Medicine

Faculty of Pharmacy

Faculty of Dentistry

Faculty of Agriculture

Faculty of Science

Faculty of Women

Faculty of Education

Faculty of Veterinary Medicine

Faculty of Engineering



Home Page

1. Enter the web address " <https://ain-shams.smartzoom.com> " in your browser: This will redirect you to ASU Virtual Microscope home page.
2. Click on your faculty name.
3. For example, I will click on Faculty of Medicine .





Faculty of Medicine

Welcome to the Faculty of Medicine
Virtual Microscopy platform

Login Register

Your Name

E-Mail

Password

Repeat Password

Register

Register

1. Click on “Register”.
2. Fill in your name, official e-mail and password.
3. Click on “Register” button – Check your email for an activation email .

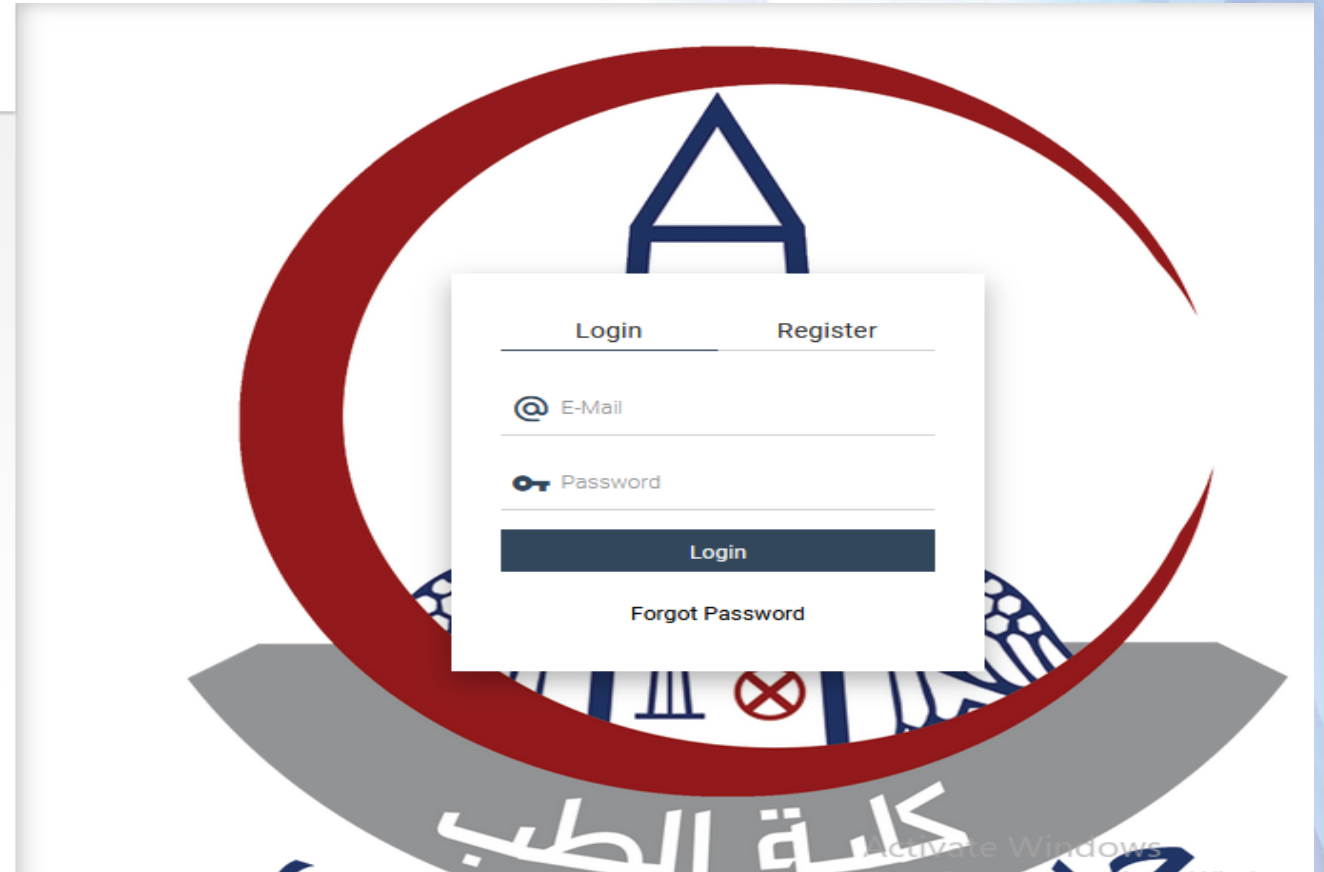




Faculty of Medicine

Welcome to the Faculty of Medicine

Virtual Microscopy platform



Log In

1. Click on “Login” (upper left corner of the login window).
2. Fill in your official e-mail and your password.
3. Click on “Login” button.





Faculty of Medicine

Hello, emansharawy@hotmail.com

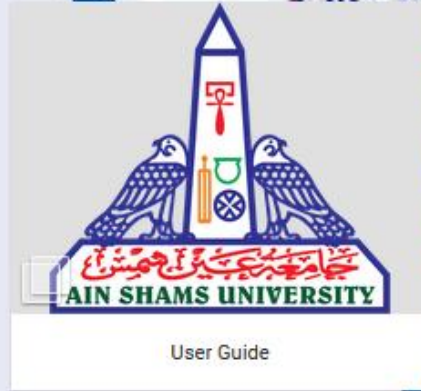
emansharawy@hotmail.com

Slide-Manager

Logout

FoM Virtual Microscopy and High Resolution Images

Welcome to the Virtual Microscopy platform



Log out

1. After logging ,you will be automatically redirected to your faculty home page.
2. To log out you must click on your name, located in the upper right corner of the screen.
3. Click on logout .





Faculty of Medicine

Hello, emansharawy@hotmail.com



emansharawy@hotmail.com

FoM Virtual Microscopy and High Resolution Images

Welcome to the Virtual Microscopy platform



Faculty Home Page

In your faculty home page

- Click on Faculty of medicine to go to different images categories.
- Or click on User Guide.




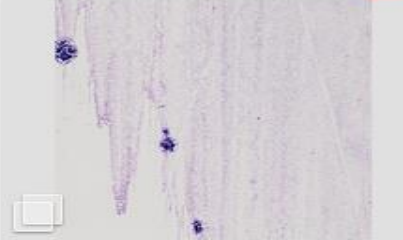





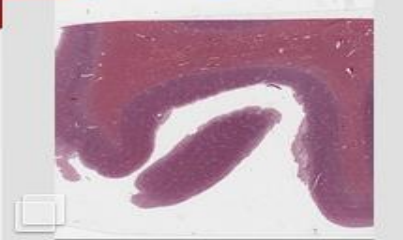
Faculty of Medicine





Human Anatomy

Hematology

Histology


Dermatopathology





Pathology





Parasitology

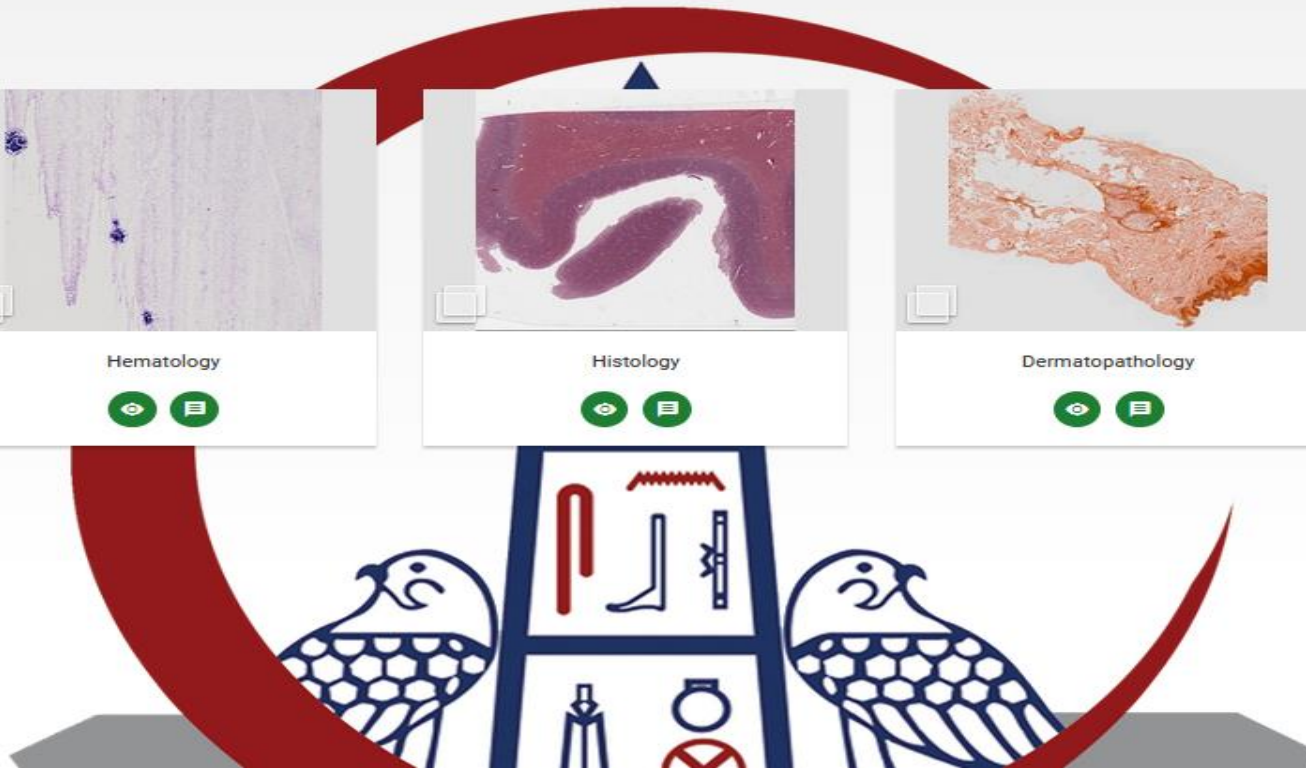


Image Selection

- Click on the category where your image is located.
- In our example "Human Anatomy". Click on Human Anatomy.





DSC_0252



DSC_0255



DSC_1330



DSC_1334



DSC_2795



DSC_2815



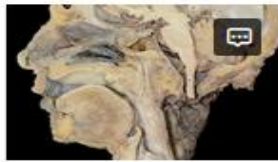
DSC_3632



DSC_0434



DSC_0468



DSC_1084



DSC_3572-16-5



DSC_3580-16-5



Image Selection

In the upper left corner of the menu, you find a guide to know where the image is located.





Faculty of Medicine

Hello, emansharawy@hotmail.com



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Faculty of Medicine > Human Anatomy



DSC_0252



DSC_0255



DSC_1330



DSC_1334

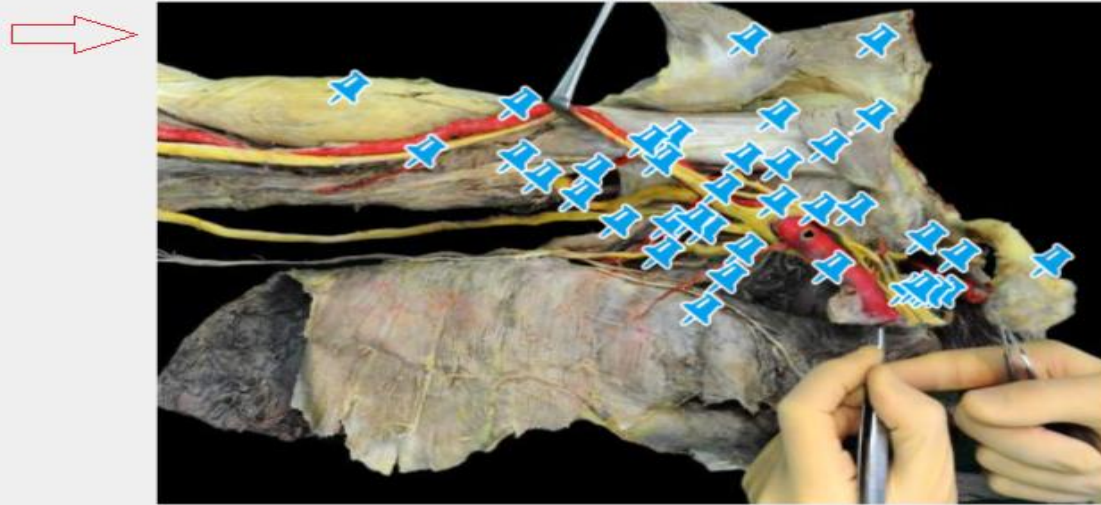


Activate Windows
Go to Settings to activate Windows

Image Selection

- The images with a dialogue icon in the upper right corner will have comments/annotations, which can be deactivated/activated by clicking on the buttons below the image.
- Search your image and click on it.





Working with Image

1- Image :
The image we are working with will be centered and we will be able to see the annotations in case they are activated .





Annotations

Expert



Cystic spaces

Cystic spaces lined by papillary projections

Lymphocytes in the stroma

Lymphoid stroma

Normal salivary tissue

Oncocytic cells

Papillary projections

Tumor capsule



Working with Image

2- Note Filter:

1. Click on "Annotations" icon . You will see all annotations on image.
2. Click on eye icon to hide/show the annotations.





Faculty of Medicine > Pathology > Postgraduate Pathology > Path-PG-GIT > Warthin Tumor, Parotid

Information

Title
Warthin Tumor, Parotid

Subtitle
No subtitle available

Summary
No summary available

SmartZoom® Classroom Support Privacy Manage Cookies

2 mm

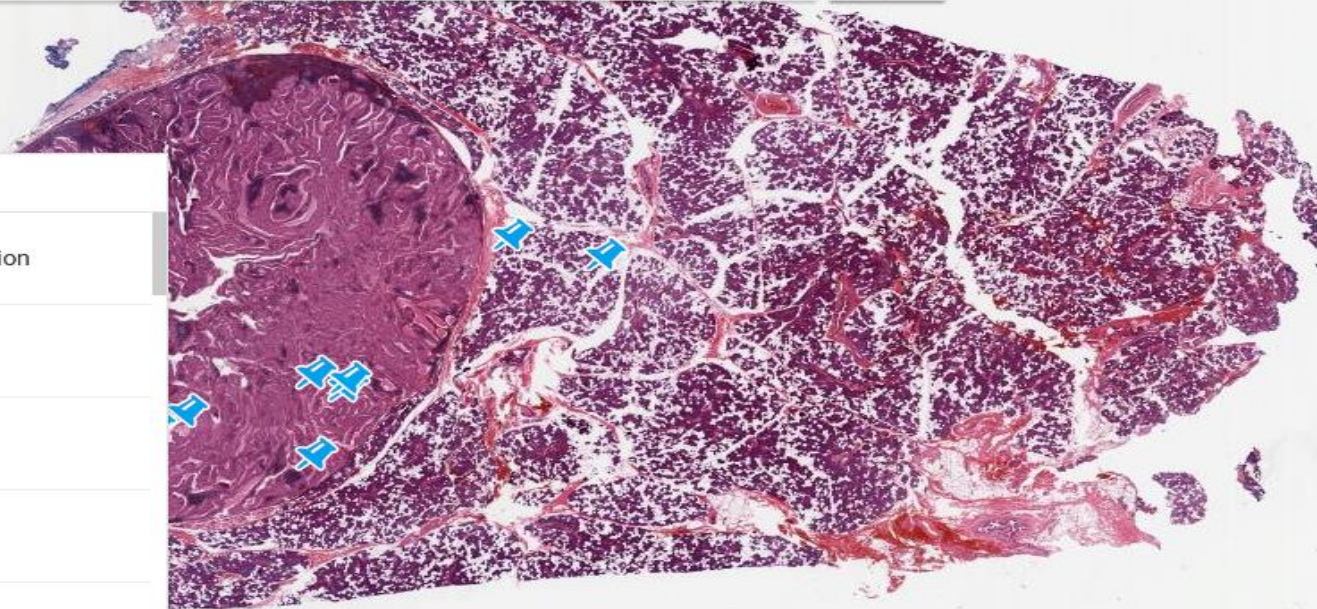
0.6x/20x

Working with Image





3- Summary :

1. Click on “information” icon.
2. you will find basic information about the image you work with.





Related Images

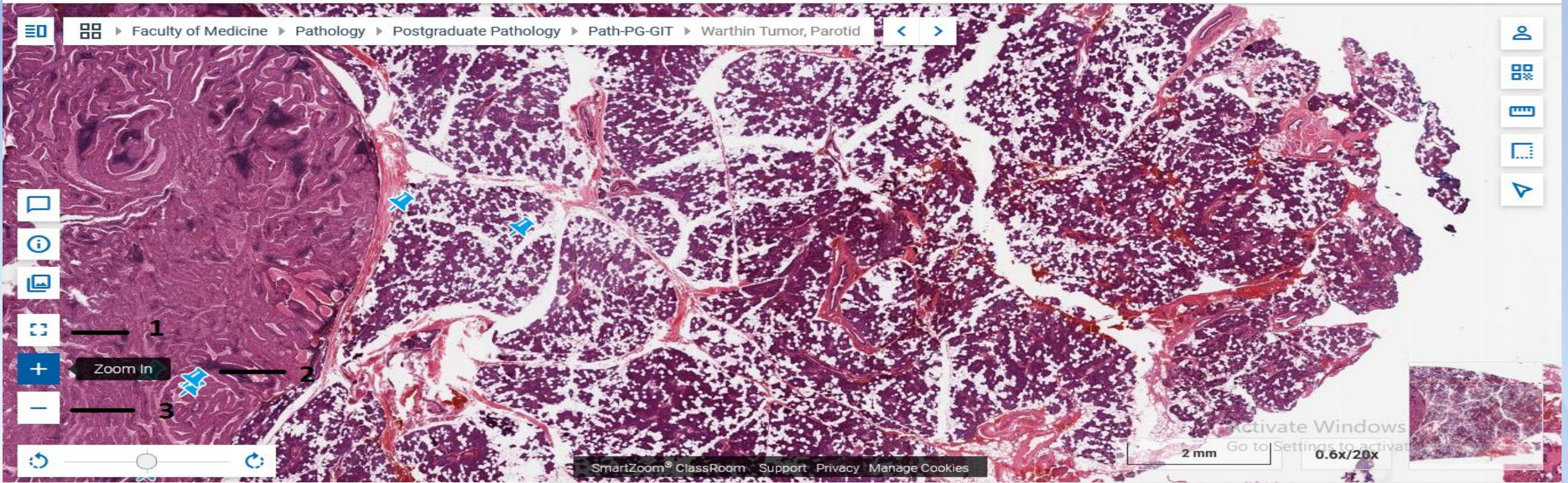
-  Colon wall longitudinal section
-  Crohn, Colon fissure
-  Carcinoma Caecum
-  Carcinoma Caecum

Working with Image

4- Related Images :

1. Click on “Related Images” icon .
2. You will be able to see images that are related to our image and are also stored in our database.

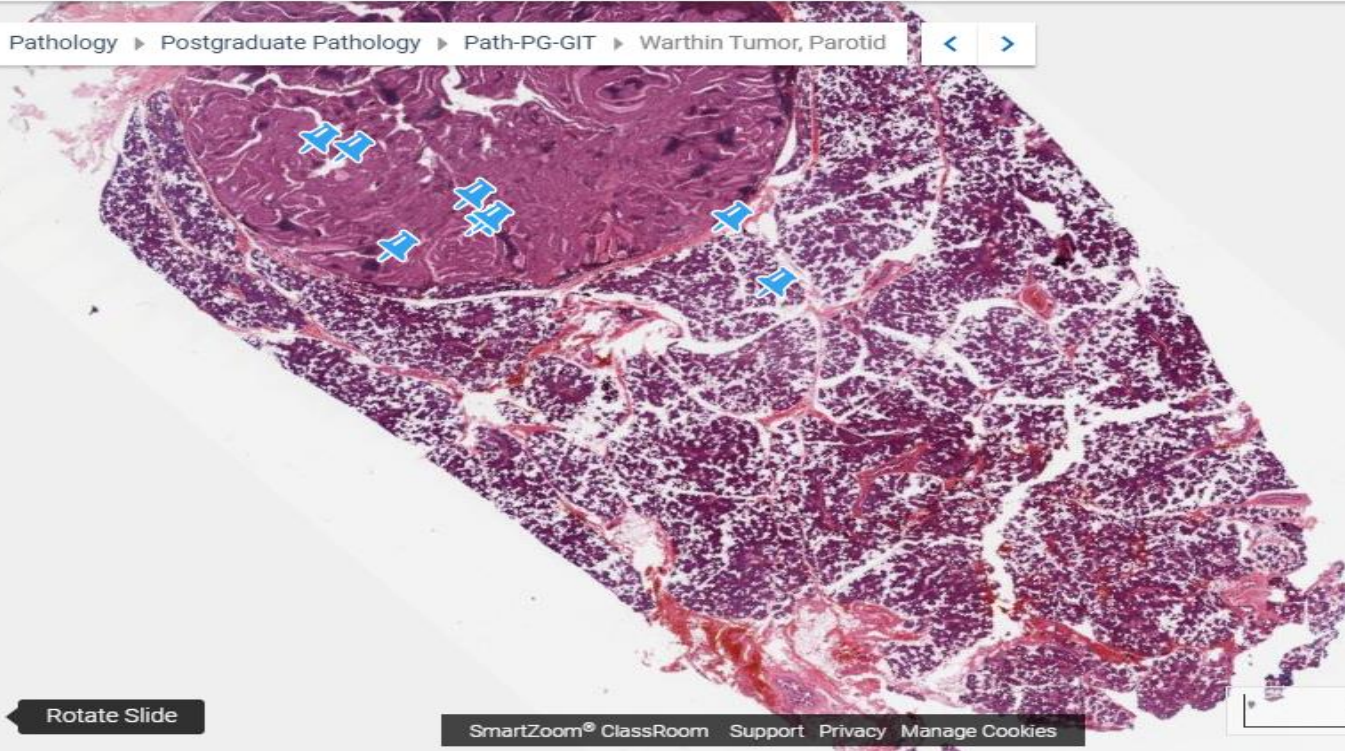




Working with Image

5- Zoom the Image :

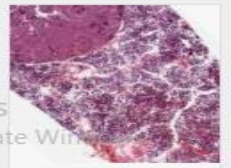
1. Click on “full screen” icon to full screen image.
2. Click on the “+” icon to increase the zoom .
3. Click on the “-” icon to decrease the zoom .
4. You can also use the mouse wheel to zoom the image.



Rotate Slide

5 mm

0.3x/20x



Activate Windows
Go to Settings to activate Windows

Working with Image

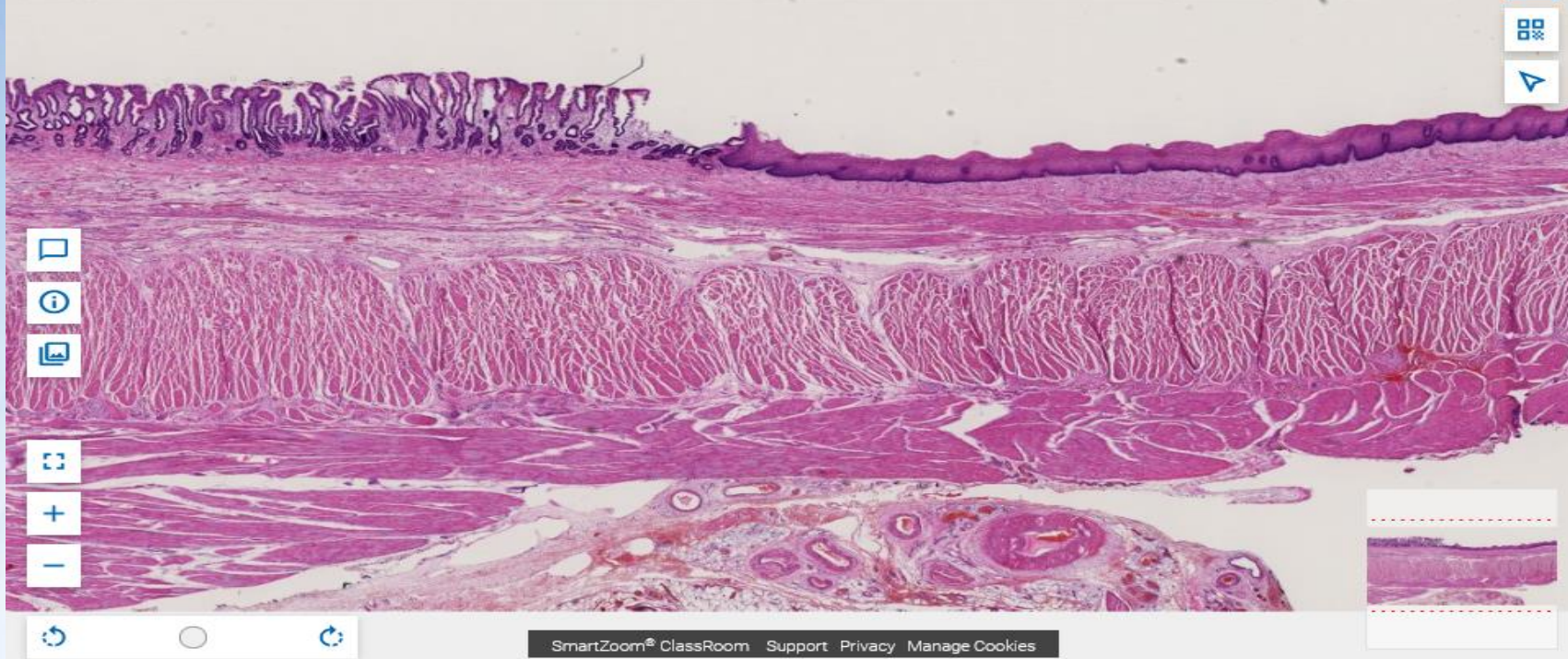
6- Rotate the Image:

1. Click on "Rotate Slide" icon to rotate the image 90 degrees to both left and right.
2. Annotations will not be affected since both icons and texts will be coupled to the change.





You don't have any annotations yet

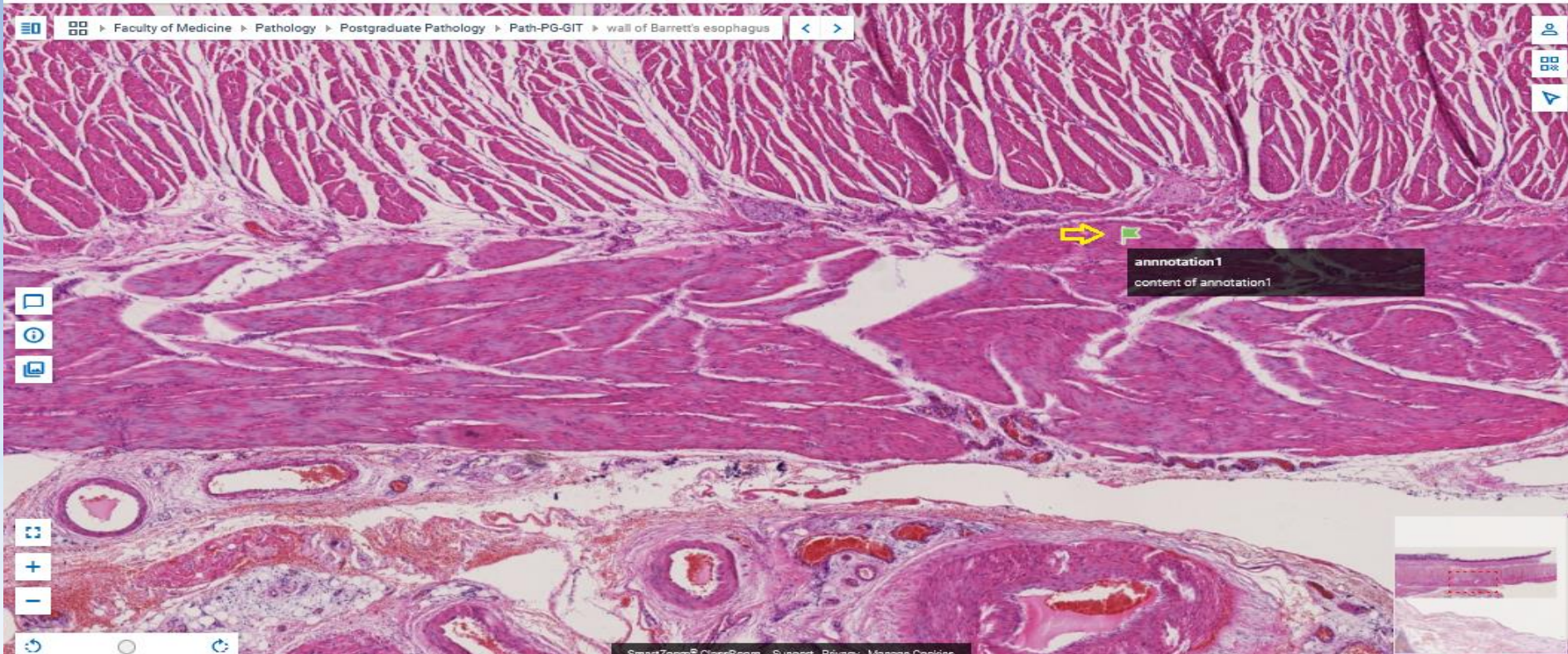


Working with Image

7- My Annotations:

1. Click on "My Annotations & Notes" icon .
2. Click on My Annotations tab





My Annotations My Notes

- 1 Select Annotation-Type** ✕
[Search] [Left Arrow] [Right Arrow] [Pin] [Close]
- 2 Select Annotation-Style/Color**
[Red Arrow] [Blue Arrow] [Green Arrow] [Blue Pin] [Red Pin] [Green Pin] [Blue Pin] [Red Pin] [Blue Pin] [Green Pin] [Blue Pin]
- 3 Place the Annotation on the image**
Click once to place the pin.
- 4 Type Annotation-Content**
annotation1
content of annotation1

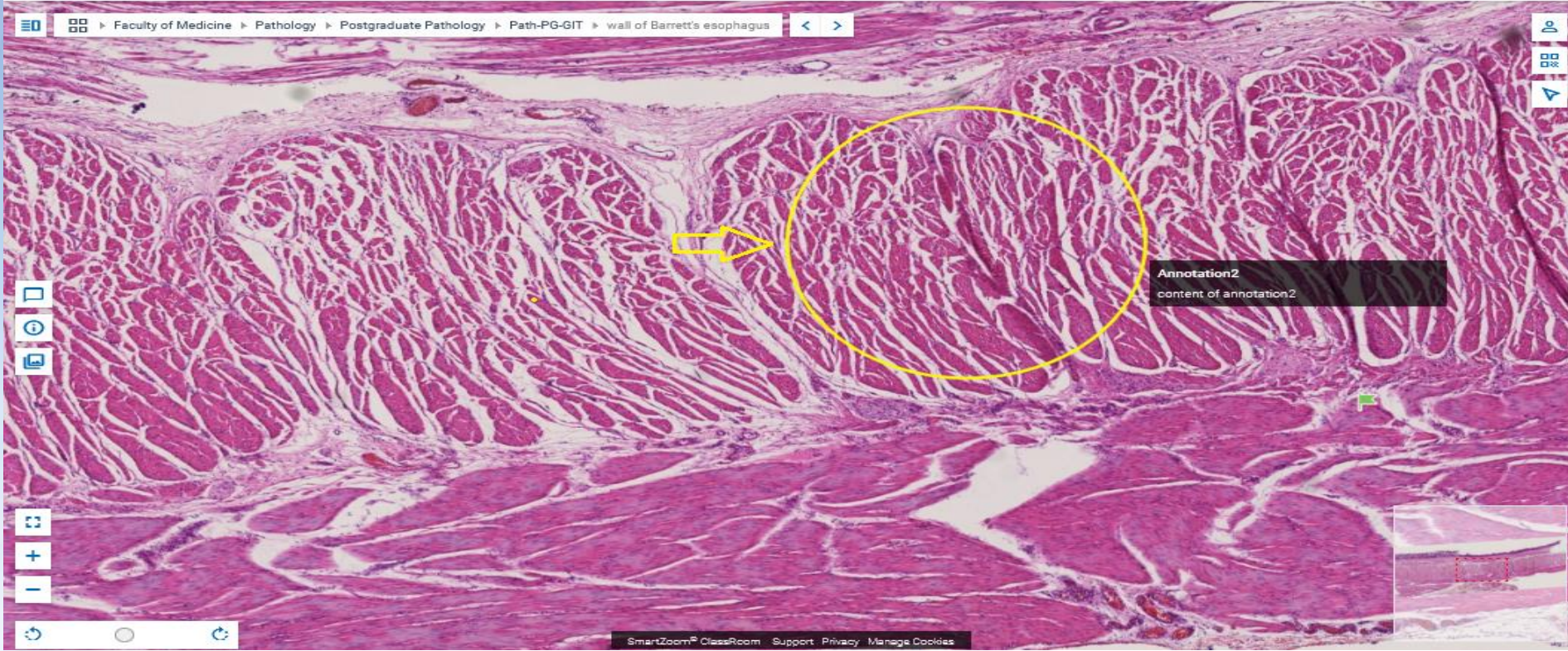
Activate Windows
Go to Settings to activate Windows.
[Save] [Cancel]

Working with Image

7- My Annotations (Add an Annotation Type: alert):

- 1- From my Annotations → Click on Add Annotation
- 2- Select **Annotation Type: alert**, style and the color of the annotation.
- 3- Click once in your image to place the pin.
- 4- Write a title and the content of your annotation. The annotation will appear on the image.
- 5- Click on save button.
- 6- You can move the mouse over to see an annotation.





1 Select Annotation-Type

2 Select Annotation-Style/Color

3 Place the Annotation on the image
Click once to set the center of the circle - click again to set the radius.

4 Type Annotation-Content

Annotation2

content of annotation2

Activate Windows
Go to Settings to activate Windows.

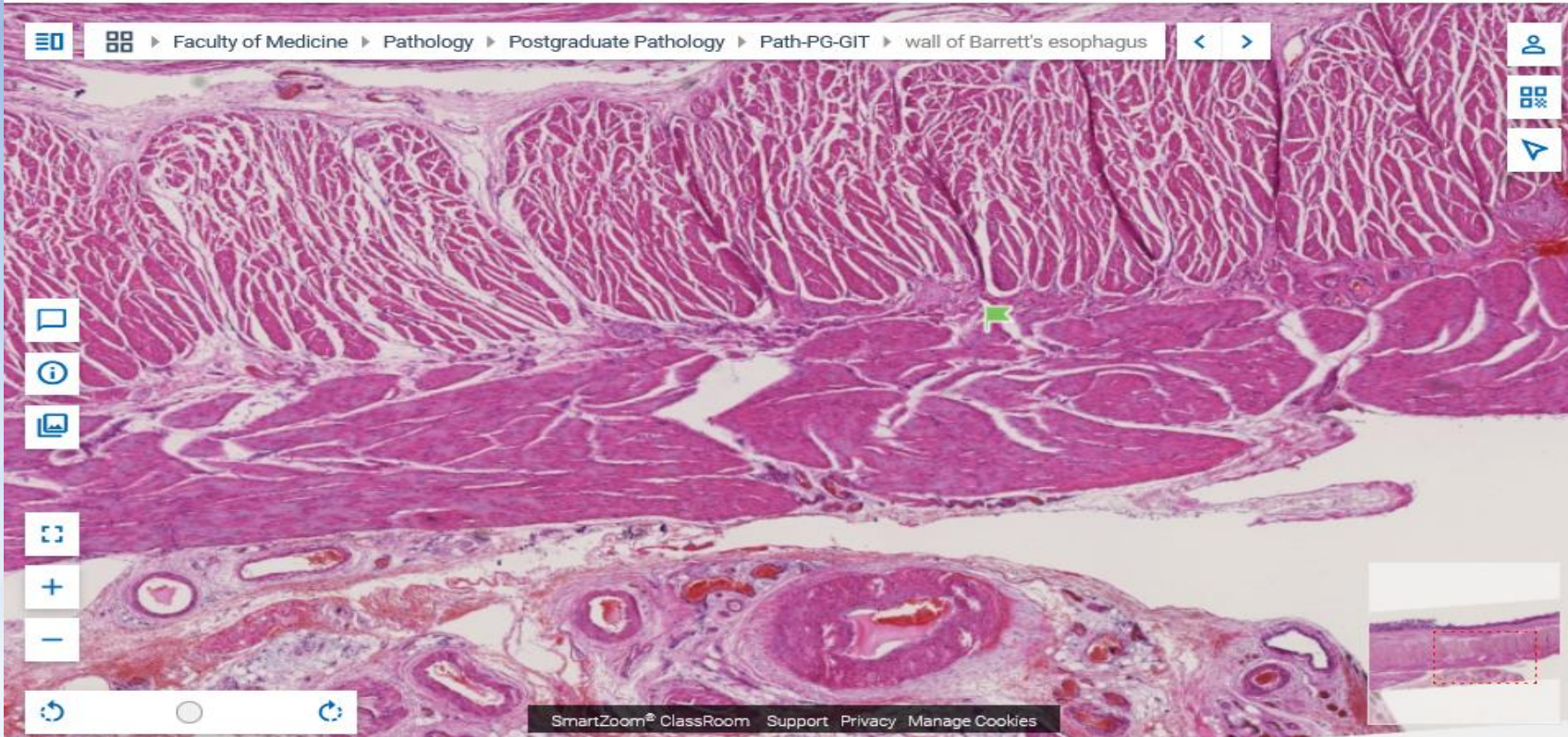
Save Cancel

Working with Image

7- My Annotations (Add an Annotation Type: area):

- 1- From my Annotations → Click on Add Annotation
- 2- Select **Annotation Type: area** , style and the color of the annotation .
- 3- Click once in your image to set the center of the circle - click again to set the radius..
- 4- Write a title and the content of your annotation. The annotation will appear on the image.
- 5- Click on save button .
- 6- You can move mouse over the circle to see an annotation.





My Annotations My Notes

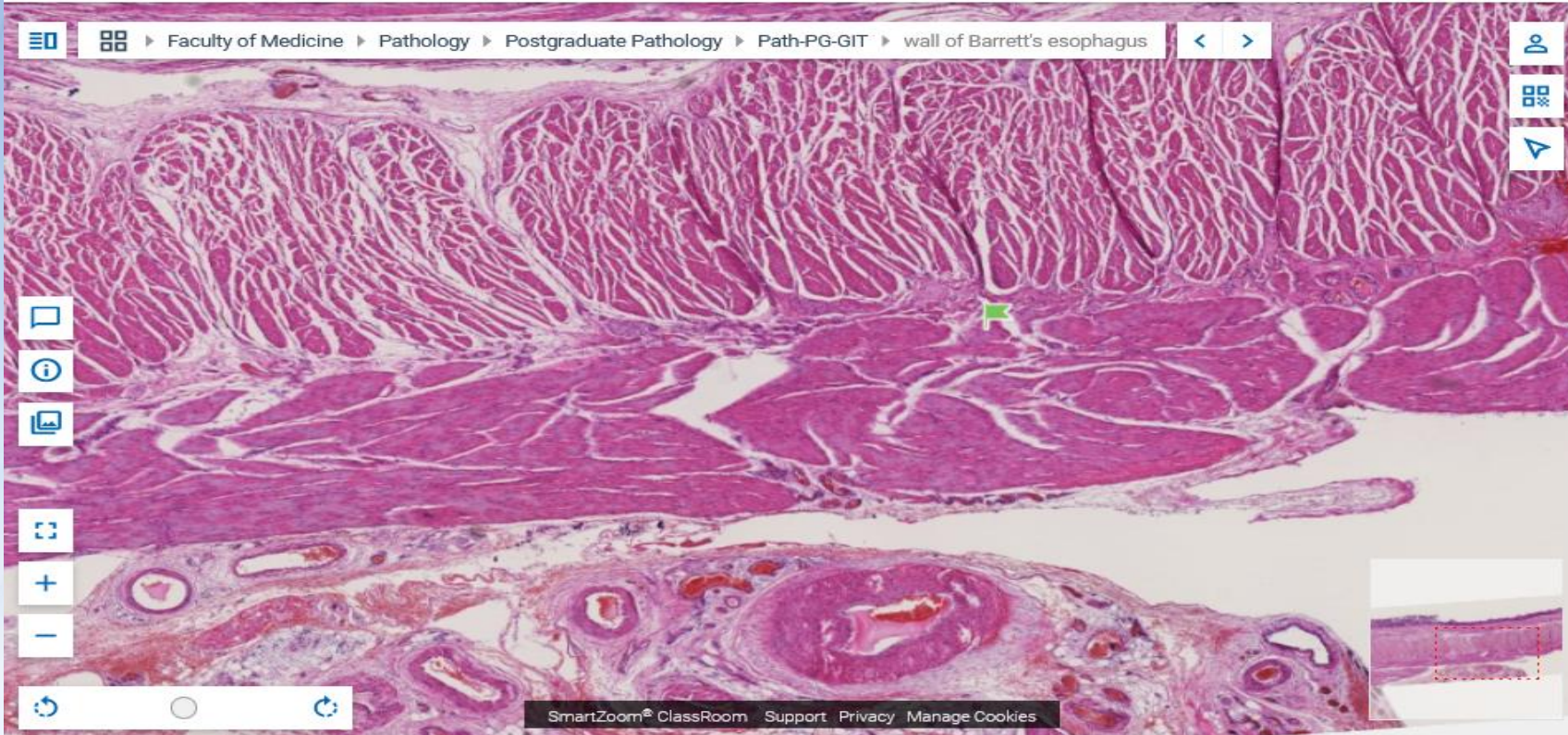
My Annotations Add Annotation

Annotation1 
content of annotation1

Working with Image

- ### 7- My Annotations (Edit an Annotation):
1. Click on the "pencil" icon to the right of the annotation.
 2. You will be redirected to the annotation, and you can edit it.





My Annotations

My Notes

My Annotations

Add Annotation

Annotation1

content of annotation1

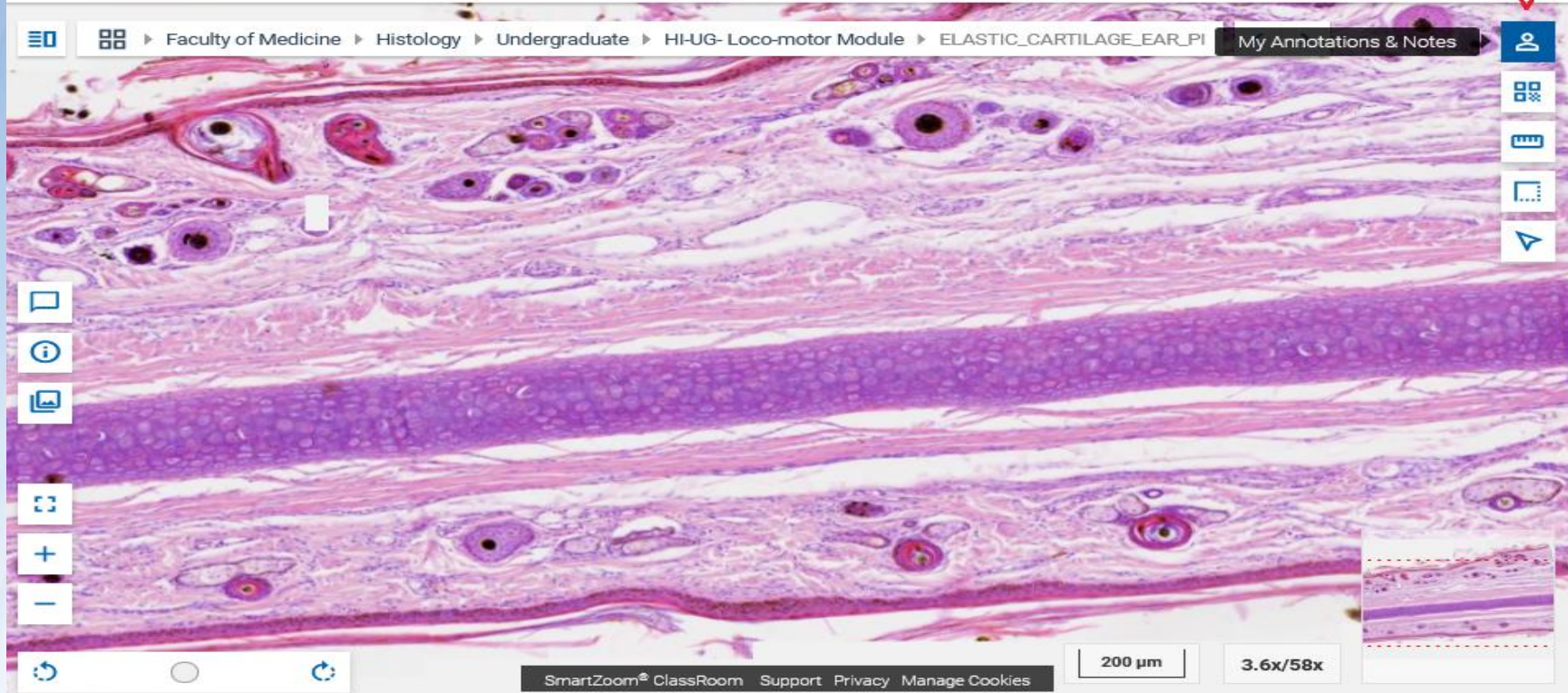


Working with Image

7- My Annotations (Delete an Annotation):

1. Click on the "trash" icon to the right of the annotation.
2. An information window will appear.
3. Click on "OK".





My Annotations **2** ⇨ My Notes

Add Note

Note 1 ⇨ **3**

4 ⇨ Add Note

My Notes

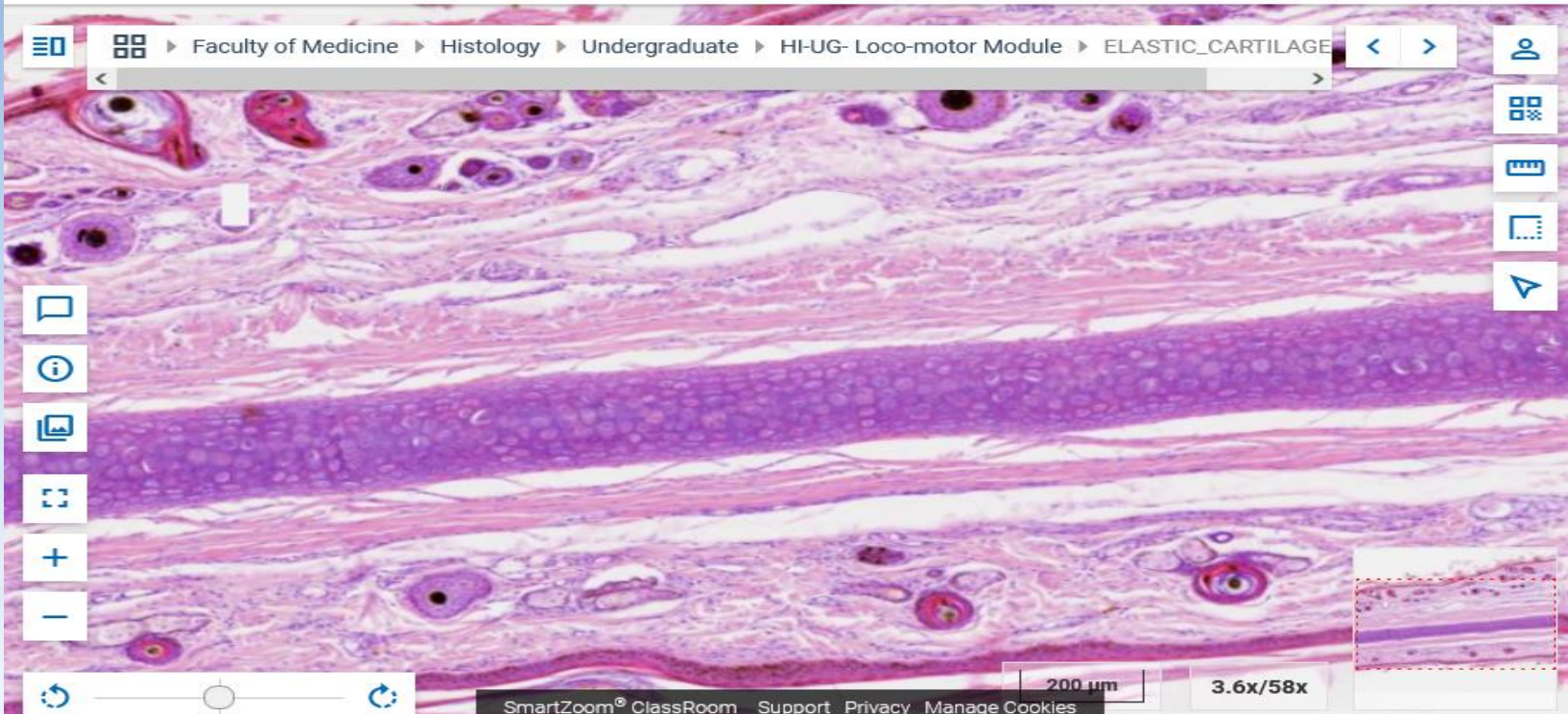
You don't have any notes yet.

Working with Image

8- My Notes (Add a New Note):

1. Click on “My Annotations & Notes” icon .
2. Click on My Notes tab .
3. Type your note .
4. Click on “Add Note” button.





My Annotations My Notes

Add Note

Note 1 ← 2

3 → Update Note

My Notes

Note 1
Nov 24, 2021, 11:21 AM 1 → Edit Delete

Working with Image

8- My Notes (Edit a Note):

1. Click on "Edit", at the bottom of the page of the note to be edited.
 2. Edit the text.
 3. Click on "Update Note" button.
- At the bottom of each note you see the date it was written.





Faculty of Medicine > Histology > Undergraduate > HI-UG- Loco-motor Module > ELASTIC_CARTILAGE

500 µm 1.8x/58x

SmartZoom® Classroom Support Privacy Manage Cookies

My Annotations My Notes

Add Note

Type your note

Add Note

My Notes

Note 1
Nov 24, 2021, 11:21 AM Edit Delete

Working with Image

8- My Notes (Delete a Note):

1. Click on "Delete", at the bottom of the page of the note.
2. An information window will appear.
3. Click on "yes".





Faculty of Medicine

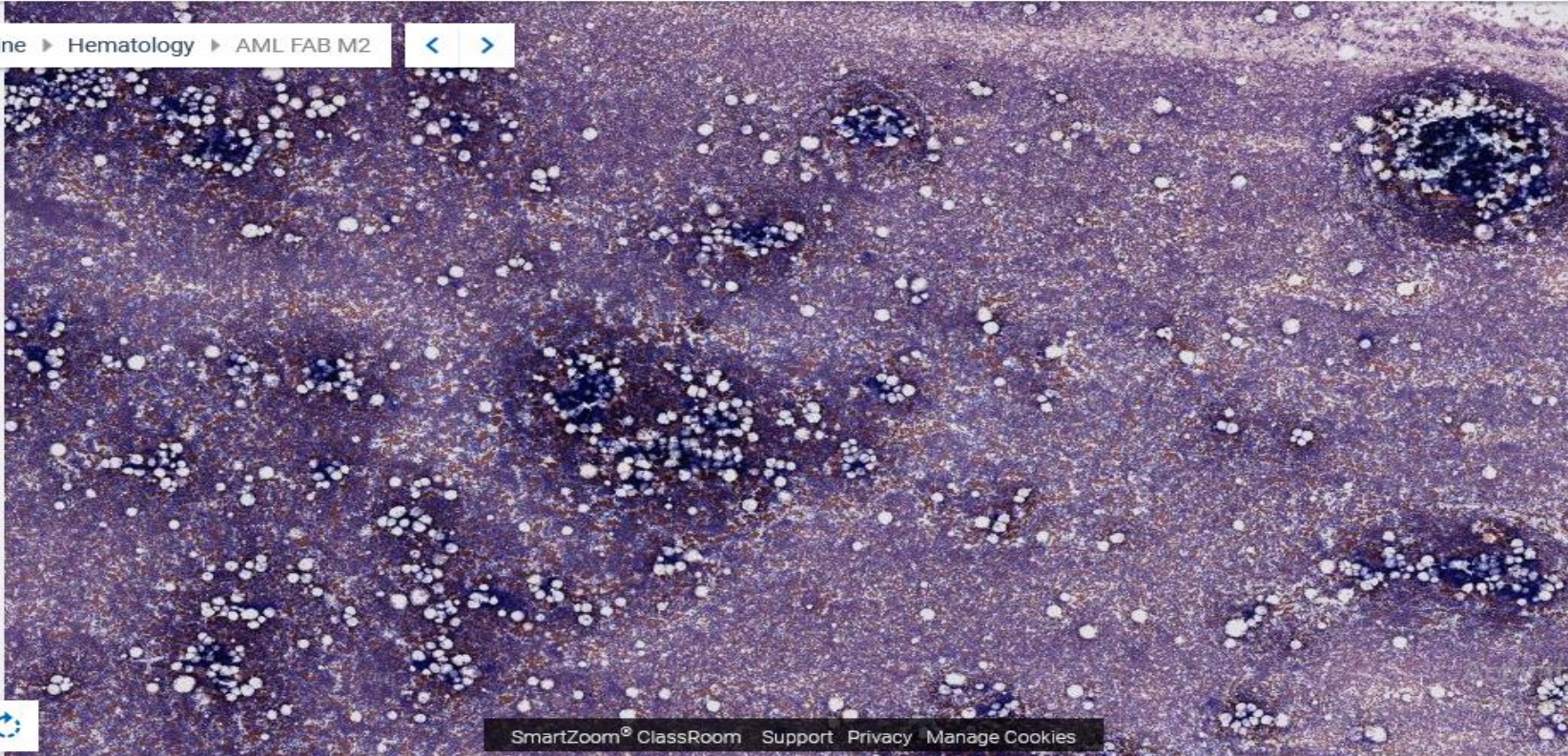
Hello, emansharawy@hotmail.com



emansharawy@hotmail.com



Faculty of Medicine ▶ Hematology ▶ AML FAB M2

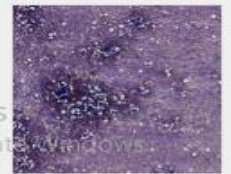


Share Image



SmartZoom® Classroom Support Privacy Manage Cookies

Windows
ings to activate Windows.



Working
with Image

9- Share Image - 1 :

Click on “Share image“ icon





Share Image



Please select a sharing-mode: Share the slide with your current position & magnification or the whole slide.

Share whole Slide

Share current View

Only registered users should be allowed to view the image.



Working with Image

9- Share Image - 2 :

1. An information window will appear.
2. Click on “Share whole Slide” or “Share current View”.





Share Image



ec337e780a3b52e178bed04c5a6a2af8a062e889a863460d54b86b1

- Open Link
- Open Link in New Tab
- Open Link in New Window
- Open Link in New Private Window

- Bookmark Link
- Save Link As...

Undo

Redo

Cut

Copy

Paste

Delete

Select All

Search Google for "https://ain-sha..."

Switch Text Direction

Inspect Accessibility Properties

Inspect (Q)

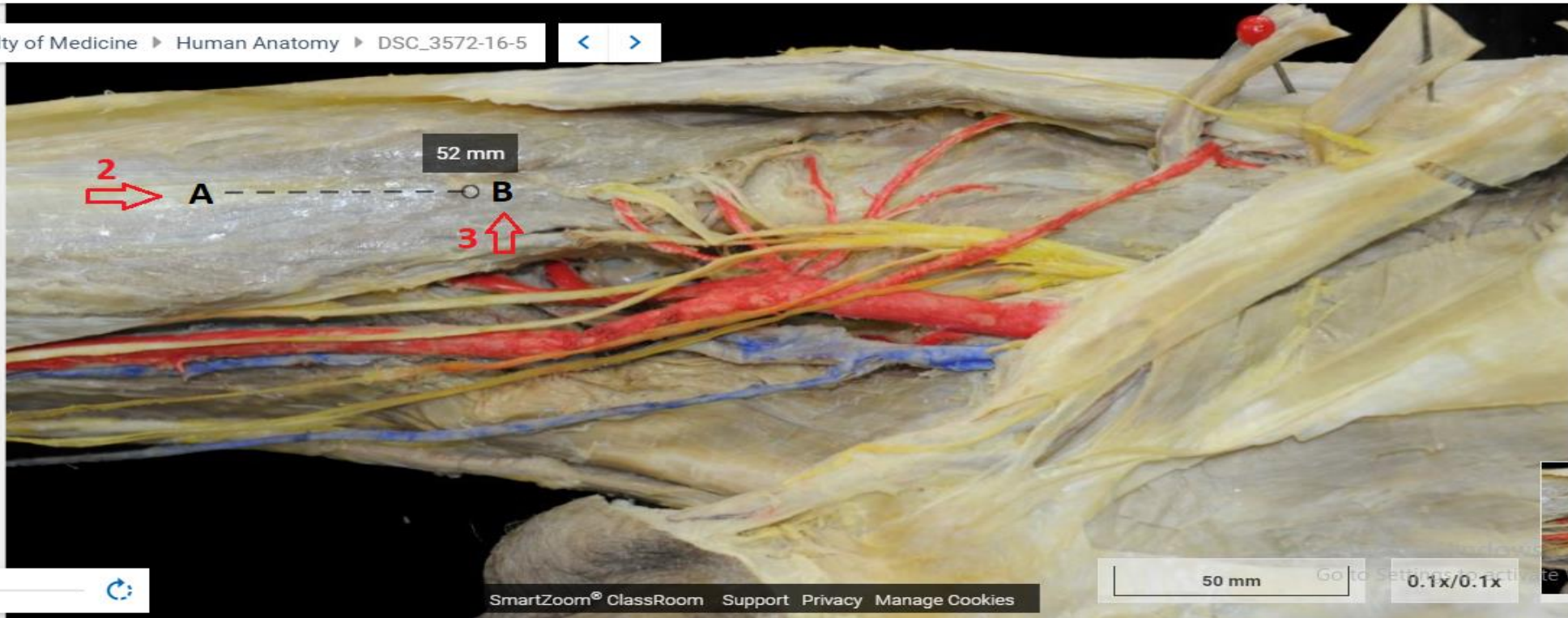
Activate Windows
Go to Settings to activate Windows.

Working with Image

9- Share Image - 3 :

1. The window will appear with a link and a code .
2. You can copy image link and use it in Moodle.





Working
with Image

10- Measurement Tools (Distances):

This tool can be used if the scale is previously calibrated by the uploader.

1. To measure distances, Click on “Measure Length” icon.
2. You must click on both points of the measurement, click on a point A .
3. Then Click on point B.





1 →



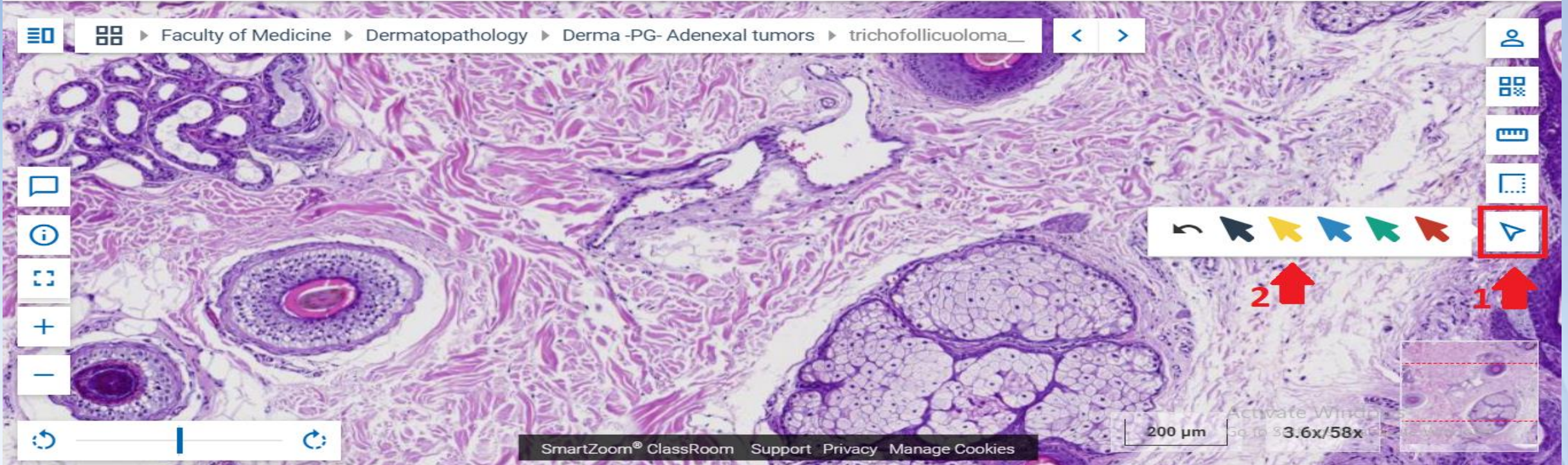
Working with Image

10- Measurement Tools (Areas):

This tool can be used if the scale is previously calibrated by the uploader.

1. Click on “Measure Area” icon .
2. To measure areas, you click on each of the points that delimit your area. Double click to end the measurement.





Working with Image

11- Presentation Cursor :

1. Click on "Presentation Cursor" icon .
2. Choose the color of cursor ,then click on it.
3. You can move the cursor to point to a specific part of the slide .



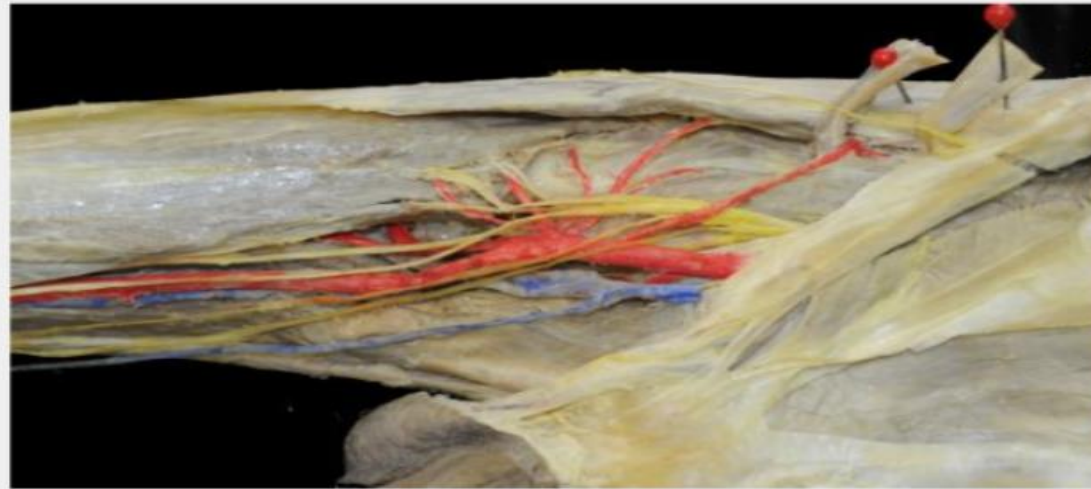


Working with Image

12- Scale :

1. You need to calibrate it to use the measuring tools.
2. It indicates the measurement of the structures of your slide, and it adapts when you use the zoom tool.





Working with Image

13- Guide Window :

A small window that tells you in which area of your slide you are at any given time.



Thank you.

For any inquiries or technical support
Please contact

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Dalia_ahmed@med.asu.edu.eg

