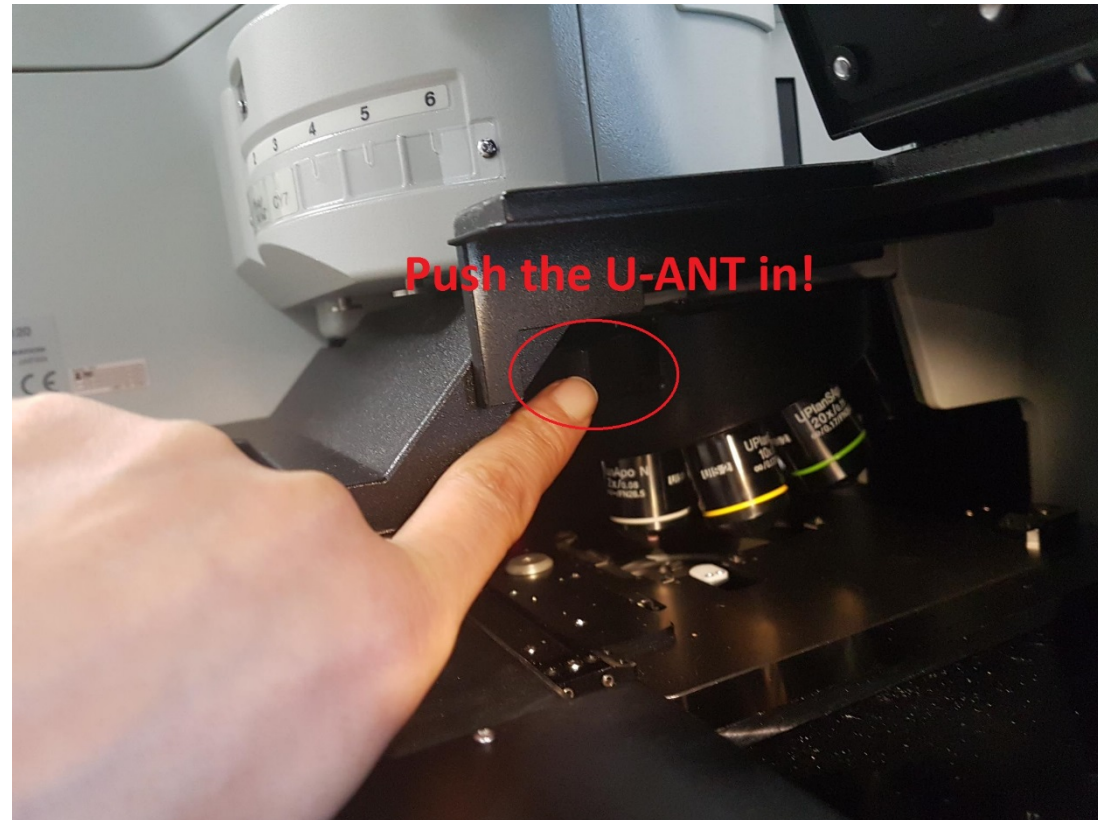


How to set up the microscope for polarization imaging on VS 120

Note: you need two parts to be able for polarization imaging

1. U-ANT (normally leave it out for normal imaging. Can also be inserted if you need more BF contrast. For polarization imaging, push it in as shown below)

2. Polariser (see below pic, also called U pot). Normally you do not need it for normal BF scanning but can also insert it if you need more contrast for BF imaging)



2. Polariser needs to be placed on top of the apture as shown below



This how it looks like when U Pot is placed for polarization imaging



This how it looks like without U Pot (normal BF imaging)

How to: When imaging polarization, you need to turn the U pot (left or right turn) to get the polarization signal (til the background is blackest/darkest)



How to acquire images for polarization imaging on VS 120

Note:

1. Make sure two parts are engaged (U-ANT is pushed in and U pot is placed on the apture).
2. Make sure the polarization imaging method is created.
3. Follow the following step-by-step instruction to acquire polarization images

Virtual Slide Acquisition Wizard

Scan Mode

Instructions

Virtual Slide Scan Modes:

- Start virtual slide scanning by choosing a virtual slide scan mode.
- Resume or Discard an interrupted batch scan (only available if applicable).

Scan Projects:

- Start virtual slide scanning by choosing a saved scan project and pressing the **Start** button.
- Edit a selected saved scan project by pressing the **Edit Scan Settings** button.

Scan Mode

Virtual Slide Scan Modes Scan Projects

Single Slide Scan

Brightfield: Quick Expert

Fluorescence: Fluorescence

Special: Special

Batch Scan

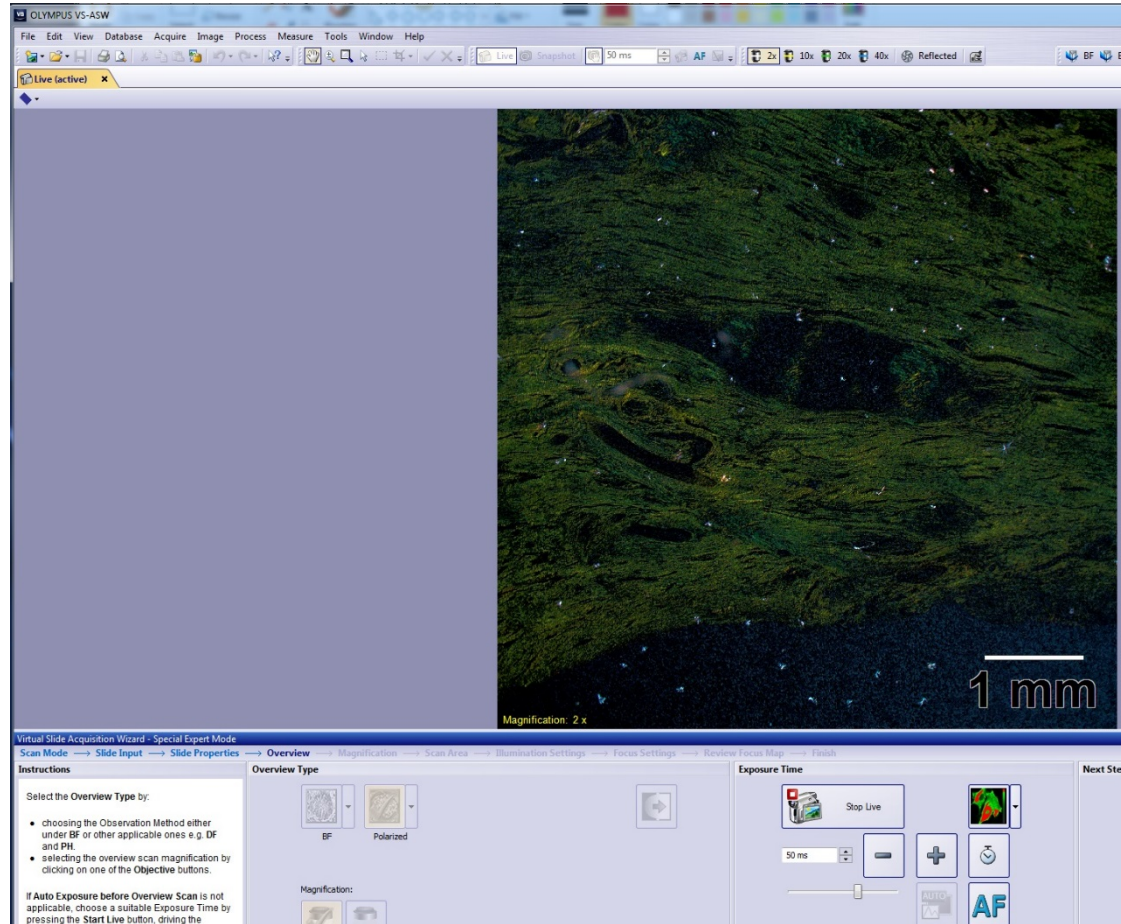
Quick Batch Expert Batch

Fluorescence Batch

Special Batch

Start the expert scan mode to scan a single slide with contrast enhancing observation m

2. Turn the U pot left or right till the background is darkest as shown below



Final polarization image looks like this

