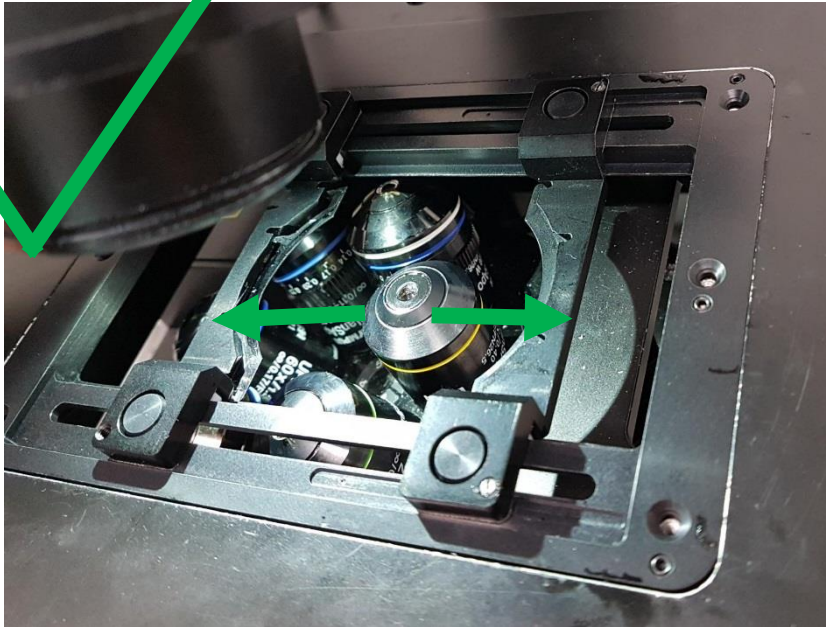
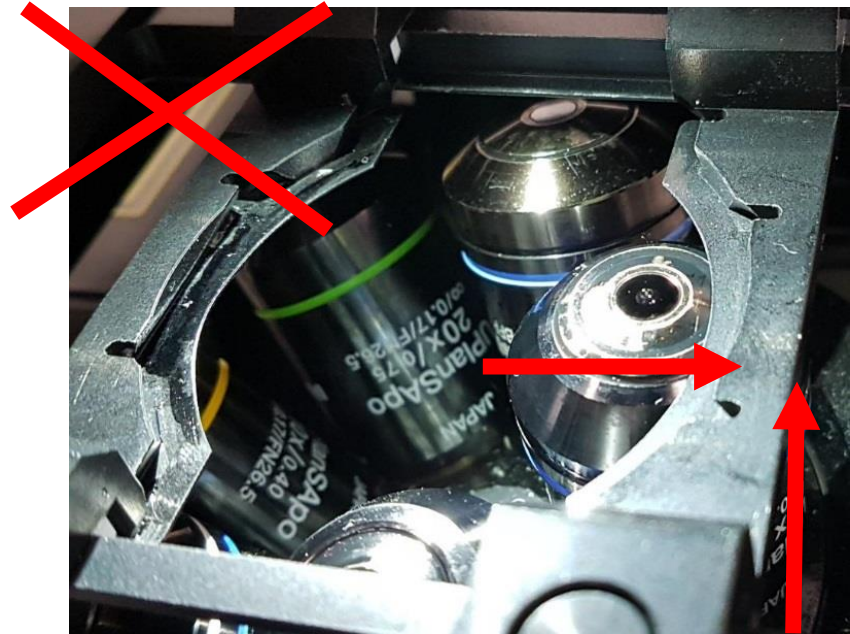


How to avoid damaging the sample holder

Correct positioning



Wrong positioning



How-to tips:

1. Position the objective in between the two arms of the holder (make sure it does not touch the arms).
2. Make sure that the objective height is below the lowest position of the arms.

Two common objective position mistakes:

1. too close to the arm
2. too high

Potential risks/consequences:

1. Scratching the optical surface of the objective resulting in distorted images.
2. Breaking the objective neck particularly when changing the objective. The strong mechanical force can destroy the whole nosepiece!
3. Bending the arm edge via physical force when changing objective or moving the stage. This will cause focusing problems.