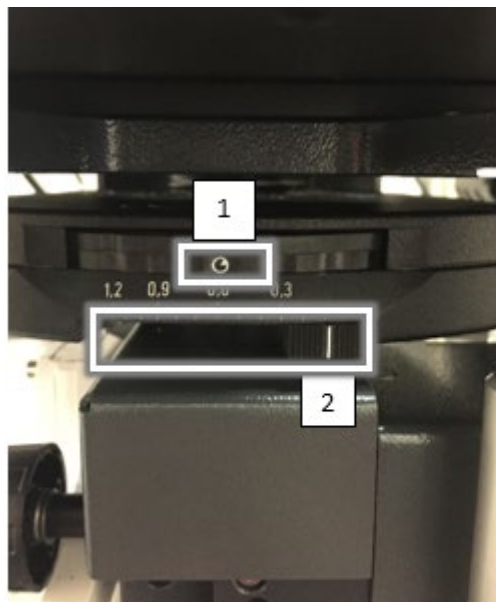


## Using Oblique Illumination (u880)

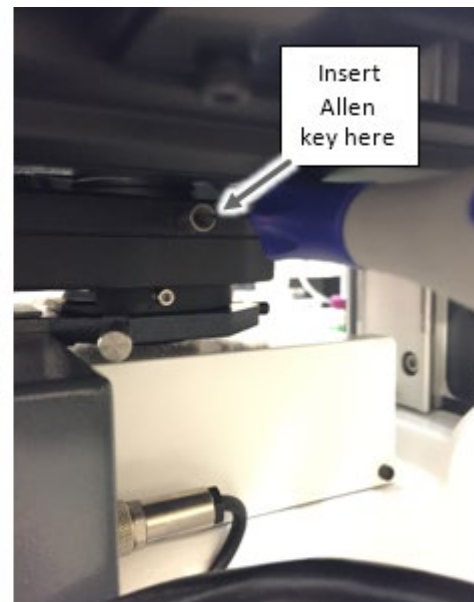
*Oblique illumination allows the relief representation of your specimen (much like that observed with DIC), and is achieved by a radially adjustable stop in the condenser which directs light at an angle to the specimen.*

### Setup

1. Set sample on stage.
2. In Locate tab, switch on brightfield (Transmitted light) illumination, and focus sample.
3. Adjust microscope for proper Köhler illumination.
4. Set the condenser modulator disk (see 1 in figure) to the position for oblique illumination.
5. Insert red Allen key/wrench (SW1.5 80) into the adjustable stop on the right side of the condenser and turn the stop's slot segment into the desired position. Note that the modulator disk is blocked and cannot be turned as long as the key is inserted for setting oblique illumination. Set condenser diaphragm to the right (see 2 in figure).



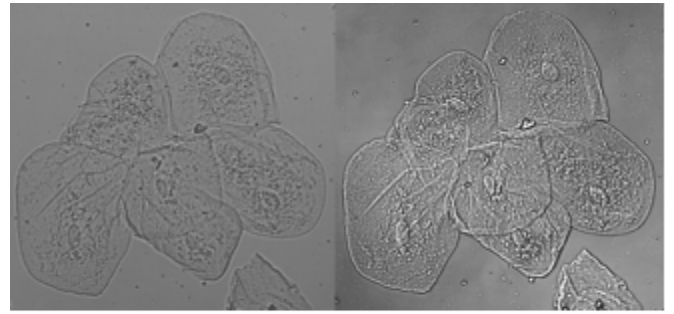
Condenser modulator disk (1) and diaphragm (2)



Adjustment for Oblique Illumination angle

## Acquisition

1. Set Light path so that T-PMT is checked.
2. Acquire images, making sure you adjust gain and offset settings.
3. Turn Allen key to adjust oblique illumination angle.



*Images of Cheek Cells  
(L: Brightfield, R: Oblique Illumination)*

## When Done

1. Pull out Allen key.
2. Return condenser modulator disk to BF position.