

Guidelines for Capturing Linear Images

General guidance:


- White balance once at beginning of imaging session, then do not adjust light intensity on microscope again during that same session.
- Use camera exposure or shutter control to adjust image brightness.
- Use histogram to ensure all color channels are within the range (saturation = lost data!).
- Do not adjust contrast, saturation, hue or gamma unless such guidance is provided below.

Software and version: Leica LAS v2.x

Camera(s): Leica DFC290

Recommended Acquisition Settings

To access the camera controls, click on Acquire, then the Camera tab.

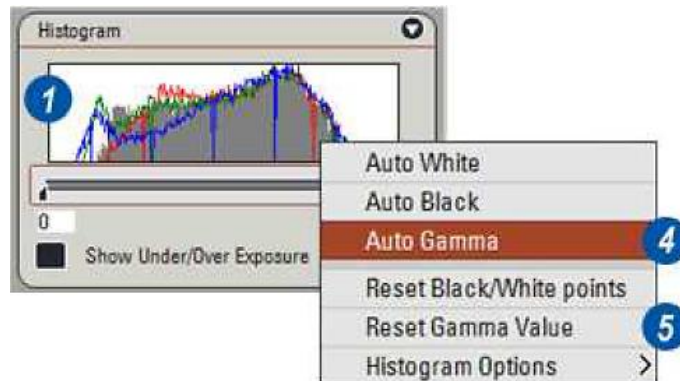
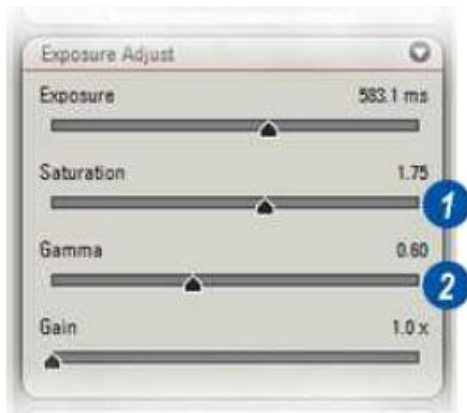
It is recommended to turn off Automatic Exposure, and use the Exposure slider to adjust image brightness manually. In Image Controls, click on the Automatic Exposure button  and then click again to turn off.

Use the histogram to ensure that all color channels are well within the range.

Set Saturation to 1.0.

Set Gamma to 1.0.

In the Histogram dropdown, ensure that Auto White, Auto Black and Auto Gamma are turned off.



DFC 290

