Supplementary Information File

Manuscript Title: **Validating a low-cost laser speckle contrast imaging system as a quantitative tool for assessing retinal vascular function**

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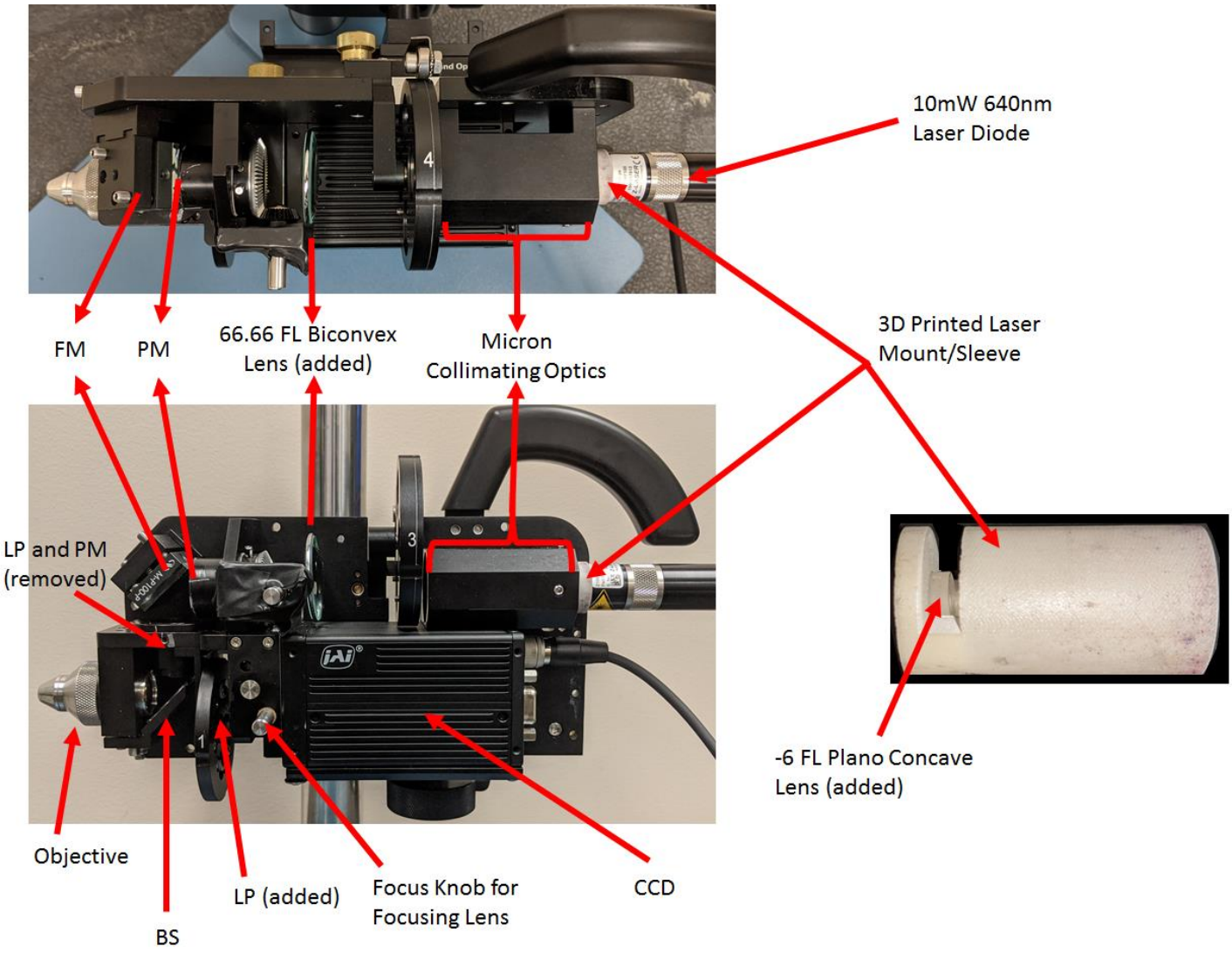

Supplementary Figure S1. Optical Setup of the Modified Micron Fundus Camera for LSCI. A 10mW 640nm laser diode was held in place using a custom 3D printed sleeve which also provided housing for a -6mm focal length (FL) plano-concave lens. A 66.66mm FL biconvex lens was also introduced into the optical path to adjust beam diameter while a pupil mask (PM) and linear polarizer (LP) were removed. A separate LP was introduced between the sample and the charge-coupled device (CCD). Other elements include a fold mirror (FM) and a beam splitter (BS).