

Materials List for:

How to Build a Laser Speckle Contrast Imaging (LSCI) System to Monitor Blood Flow

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URL: <https://www.jove.com/video/2004>

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Materials

Name	Company	Catalog Number	Comments
Firewire camera	Basler	scA640-74f	
Macro zoom lens	Edmund Scientific	NT58-240	
Laser diode	Thorlabs Inc.	HL6501MG	
Laser diode controller	Thorlabs Inc.	LDC201CU	

The technique is versatile enough to be used with a wide range of equipment. The only things necessary to perform the experiment are a compatible camera with a lens, a laser diode of any type with a controller, and the provided software. A table of the specific equipment used in the video is included above.

A complete list of additional parts that can be used in this experiment is found on our website, <http://bach.bme.utexas.edu/mediawiki/index.php/Hardware>