Carotid anastomosis using diode lasers of different wavelengths and the evaluation of the arterial wall resistance in swine

Published On: December 27, 2018 | Pages: 004 - 009

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Objective: due to the advantages of Laser Assisted Vascular Anastomosis (less occurrence of myointimal hyperplasia with better hemodynamic evolution, shorter surgical time, absence of diameter incompatibility, absence of anaphylaxis, easy execution) the evaluation of the ideal diode laser wavelength to perform anastomosis in elastic arteries, without solder, is a ...