

Materials List for:

Integration of Brain Tissue Saturation Monitoring in Cardiopulmonary Exercise Testing in Patients with Heart Failure

Shu-Chun Huang^{1,2,3}, Carl PC Chen^{1,3}, Tieh-Cheng Fu⁴, Yu-Jen Chen^{1,5,6}

¹Department of Physical Medicine and Rehabilitation, Chang Gung Memorial Hospital, Linkou

²Healthy Aging Research Center, Chang Gung University

³School of Medicine, College of Medicine, Chang Gung University

⁴Department of Physical Medicine and Rehabilitation, Chang Gung Memorial Hospital, Keelung

⁵National Quemoy University

⁶Kinmen Hospital, Ministry of Health and Welfare

Correspondence to: Yu-Jen Chen at noah08300@gmail.com

URL: <https://www.jove.com/video/60289>

DOI: [doi:10.3791/60289](https://doi.org/10.3791/60289)

Materials

Name	Company	Catalog Number	Comments
Bicycle ergometer	Ergoline, Germany	Ergoselect 150P	
Cardiopulmonary exercise testing gas analysis	Cardinal-health Germany	MasterScreen CPX	
Finger pulse oximetry	Nonin Onyx, Plymouth, Minnesota	Model 9500	
Sphygmomanometer	SunTech Medical, UK	Tango	
Near-infrared spectroscopy	CAS Medical Systems, Inc., Branford, CT	FORE-SIGHT system	