

How to Administer Near-Infrared Spectroscopy in Critically ill Neonates, Infants, and Children

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Citation

Bruns, N., Moosmann, J., Münch, F., Dohna-Schwake, C., Woelfle, J., Cesnjevar, R., Dittrich, S., Felderhoff-Müser, U., Müller, H. How to Administer Near-Infrared Spectroscopy in Critically ill Neonates, Infants, and Children. *J. Vis. Exp.* (), e61533, doi:10.3791/61533 (2020).

Date Published

August 19, 2020

DOI

10.3791/61533

URL

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Materials

Name	Company	Catalog Number	Comments
cotton swab			for skin cleaning
INVOS (Adult Regional Saturation Sensor)	Covidien/Medtronic	SAFB-SM	The adult regional saturation sensor Model SAFB_SM has been designed for cerebral-somatic monitoring of site-specific regional oxygen saturation (rSO ₂) in adult patients > 40 kg.
INVOS (Pediatric Regional Saturation Sensor)	Covidien/Medtronic	SPFB	The pediatric regional saturation sensor Model SPFB has been designed for cerebral-somatic monitoring of site-specific regional oxygen saturation (rSO ₂) in pediatric patients < 40 kg.
INVOS (preamplifier with Cable)	Covidien/Medtronic	5100C- PA (Ch 1&2)	Amplifier connects NIRS sensors (Canal 1&2) to monitor 5100C.
INVOS (preamplifier with Cable)	Covidien/Medtronic	5100C- PB (Ch 3&4)	Amplifier connects NIRS sensors (Canal 3&4) to monitor 5100C.
INVOS (Reusable Sensor Cable)	Covidien/Medtronic	RSC-1 - RSC-4	The Reusable Sensor Cables are intended for multiple use. For use with SomaSensor SAFB-SM and SPFB.
INVOS 5100C Monitor (Cerebral/Somatic Oximeter)	Covidien/Medtronic	5100C	Monitor for displaying and recording NIRS data.
INVOS Analytics Tool	Covidien/Medtronic	Version 1.2	Evaluation and display of "Real Time" and Case History data.
OxyAlert NIRSensor (Cerebral/somatic -Neonatal)	Covidien/Medtronic	CNN/SNN	OxyAlert NIRSensors disposable sensor has a small adhesive pad with a gentle hydrocolloid adhesive for use with pediatric, infant and neonatal patients. Suitable for patients <5kg.

USB Flash Drive	Covidien/Medtronic	5100C-USB	Collects and transfers Data to INVOS Analytics Tool
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