

Materials List for

# Electroretinogram Recording for Infants and Children under Anesthesia to Achieve Optimal Dark Adaptation and International Standards

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## Materials

Name	Company	Catalog Number	Comments
Black tape	3M Industrial Adhesives and Tapes Division, St Paul, MN 55144-1000 USA	3M ID 70016070396	
Conduction skin paste	Redux Electrolyte Paste, Hewlett Packard company, USA	67-05	
Darkroom - Portable foldable	Scientex Inc., Japan	B-LP1/B-LP1-X	Requires modification as described in Protocol
Dark adaptation mask (relaxation sleeping mask)	Mindfold Inc, Durango, CO, USA	6576493	Flexible black plastic face plate backed with a high-density soft foam padding that allows total darkness.
Ear clip for electric grounding	Natus - Nicolet Neurodiagnostic, UK	F-E34DG-72	Grass 10mm Gold Cup EEG Ear Clip with touchproof connector 72" wire - Set of 2
Electrodes ERG recording (Burian-Allen, DTL)	Burian-Allen, Hansen Ophthalmic Development Lab, Iowa, USA; DTL, Diagnosys, Lowell, MA 01854, USA.	303-20LA, 303-20A, 303-20P, 303-20I, 303-20SI	Available in different sizes
ERG systems including handheld full-field stimulus	Any system meeting the standards established by the International Society for Clinical Electrophysiology of Vision (ISCEV).		Authors use Diagnosys and Roland systems; other ISCEV standard systems available.
Eye drops and Gel, proparacaine, phenylephrine, cyclopentolate, methylcellulose	Ophthalmic drops, Proparacaine 0.5%, phenylephrine 2.5%, cyclopentolate 1%, Akorn, Inc. Forest, IL 60045 USA; ophthalmic gel, methylcellulose 2.5%, Alcon Laboratory, Inc. Fort Worth, TX 76134 USA		

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Eye patch	BSN Medical Inc, Rutherford College, NC, USA	46430-00	Coverlet eye occluder for treatment of lazy eye
Head band with light	REMIX PRO. Princeton Tec, Trenton, NJ 08650 USA	RMX300PRO-RD-BK	Requires placing layers of red filters over LED as described in protocol