

Level 1 Category: Healthcare Services -UNSPS Code 85000000

Level 2 Category: Diagnoses of diseases of the eye and adnexa - UNSPS Code 85290000

Level 3 Category: Diagnoses of peripheral disorders of optic or 2nd nerve and visual pathways -UNSPS Code 85293700

Level 4 Category: Visual Evoked Potential Vision Testing for Infants -(RBSK) -UNSPS Code 85293703

GEM Version 3

S.NO	PARAMETER	HINT	TYPE OF FIELD	VALUES	UNIT	CATEGORY OF FIELD
GENERAL FEATURES						
1	Name of Tool	--	ENUMERABLE	Visual Evoked Potential Vision Testing equipment for Infants and toddlers	--	MANDATORY
2	Objective	--	ENUMERABLE	Diagnosing the information regarding the functional integrity of the entire visual system	--	MANDATORY
3	Use	--	ENUMERABLE	Detection and monitoring of many types visual abnormalities, diagnose neuro-visual disorders in children such as optic neuritis, amblyopia and visual asymmetries caused by refractive errors	--	MANDATORY
4	Utility	--	ENUMERABLE	Children of 6months of age and above upto 5 years	--	MANDATORY
PRODUCT INFORMATION						
1	Non invasive, no dedation and no dilatation of pupil	--	ENUMERABLE	Yes		MANDATORY
2	No pain involved in tests	--	ENUMERABLE	Yes		MANDATORY
3	Parent and child friendly	--	ENUMERABLE	Yes		MANDATORY
4	No verbal response required	--	ENUMERABLE	Yes		MANDATORY
5	Use of age-appropriate animations and music	--	ENUMERABLE	Yes		MANDATORY
6	Test results Yes or No concludes need for further vision testing	--	ENUMERABLE	Yes		MANDATORY

TESTING AND FUNCTIONAL FEATURES									
1	The visually evoked potential (VEP) measures the electrical response of the brain's primary visual cortex to a visual stimulus or pattern VEP	--	ENUMERABLE	Yes				--	MANDATORY
2	Sensory pads or electrodes for positioning on scalp	--	ENUMERABLE	Three	Five			--	GOLDEN PARAMETER
3	Computer monitor of child friendly with fun animations and music to attract the attention of children towards monitor	--	ENUMERABLE	Yes				--	MANDATORY
4	Pattern VEP displayed with black and white checkered board/gratings on a video monitor	--	ENUMERABLE	Yes				--	MANDATORY
5	Resolution of VEP patterns	--	ENUMERABLE	5 Pixels or better preferable with different contrasts				--	MANDATORY
6	Visual stimulus presented creating evoked potential from visual cortex	--	ENUMERABLE					--	MANDATORY
7	Sweep stimulus with sweep time (ms) (Min)	--	NUMERIC	300				--	MANDATORY
8	Amblyopia detection sensitivity (%) (Min)	--	NUMERIC	90				%	MANDATORY
9	Testing time (Minutes) (Max)	--	NUMERIC	15				Minutes	MANDATORY
10	Luminance (Candles/Sq.mtr) (min)		NUMERIC	100				Candles/Sq.mtr	MANDATORY
11	Automatic fault detection feature to eliminate contaminated recordings of excessive noise or artifacts		ENUMERABLE	Yes				--	MANDATORY
12	Small camera with record facility when child was not looking at the monitor	--	ENUMERABLE	Yes				--	MANDATORY
13	Thermal printouts in the form of Yes/No	--	ENUMERABLE	Yes				--	MANDATORY
ELECTRICAL REQUIREMENTS									
1	Power supply	--	ENUMERABLE	220v +/-10%, 50/60Hz Single Ph AC				--	MANDATORY
PACKING									
1	All the items of VEP viz. Electrodes, Computer with monitor, CDs, Record sheets, Printer etc. are packed suitably to avoid transit damage	--	ENUMERABLE	Yes				--	MANDATORY
CERTIFICATIONS									
1	Certification Available	Must Declare like ISO, EU-CE etc	TEXT					--	MANDATORY

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DY.CEO

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REMARKS



