

Cranial Nerves Assessment

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Cranial Nerve	Assessment Technique	Normal Response	Client's Response
I. Olfactory	Ask the client to smell and identify the smell of cologne with each nostril separately and with the eyes closed.	Client is able to identify different smell with each nostril separately and with eyes closed unless such condition like colds is present.	Client was able to describe the odor of the materials used.
II. Optic	Provide adequate lighting and ask client to read from a reading material held at a distance of 36 cm. (14 in.).	The client should be able to read with each eye and both eyes.	Client was able to read with each eye and both eyes.
III. Oculomotor	Reaction to light: Using a penlight and approaching from the side, shine a light on the pupil. Observe the response of the illuminated pupil. Shine the light on the pupil again, and observe the response of the other pupil.	Illuminated and non-illuminated pupil should constrict.	PERRLA (pupils equally round and reactive to light and accommodation)
	Reaction to accommodation: Ask client to look at a near object and then at a distant object. Alternate the gaze from the near to the far object. Next, move an object towards the client's nose.	Pupils constrict when looking at a near object, dilate when looking at a distant object, converge when near object is moved towards the nose.	
IV. Trochlear	Hold a penlight 1 ft. in front of the client's eyes. Ask the client to follow the movements of the penlight with the eyes only. Move the penlight upward, downward, sideward and diagonally. While client looks upward, lightly touch lateral sclera of eye to elicit blink reflex.	Client's eyes should be able to follow the penlight as it moves.	Both eyes are able to move as necessary.
V. Trigeminal	To test light sensation, have client close eyes, wipe a wisp of cotton over client's forehead.	Client should have a (+) corneal reflex, able to respond to light and deep sensation and able to differentiate hot from cold.	Client was able to elicit corneal reflex, sensitive to pain stimuli and distinguish hot from cold.
	To test deep sensation, use alternating blunt and sharp ends of an object. Determine sensation to warm and cold object by asking client to identify warmth and coldness.		
VI. Abducens	Hold a penlight 1 ft. in front of the client's eyes. Ask the client to follow the movements of the penlight with the eyes only. Move the penlight through the six cardinal fields of gaze.	Both eyes coordinated, move in unison with parallel alignment.	Both eyes move in coordination.
VII. Facial	Ask client to smile, raise the eyebrows, frown, and puff out cheeks, close eyes tightly. Ask client to identify various tastes placed on the tip and sides of tongue.	Client should be able to smile, raise eyebrows, and puff out cheeks and close eyes without any difficulty. The client should also be able to distinguish different tastes.	Client performed various facial expressions without any difficulty and able to distinguish varied tastes.
VIII. Vestibulocochlear	Have the client occlude one ear. Out of the client's sight, place a tickling watch 2 to 3 cm. ask what the client can hear and repeat with the other ear.	Client should be able to hear the tickling of the watch in both ears.	Client was able to hear tickling in both ears.
	Ask the client to walk across the room and back and assess the client's gait.	The client should have upright posture and steady gait and able to maintain balance.	The client was able to stand and walk in an upright position and able to maintain balance.
IX. Glossopharyngeal	Ask the client to say "ah" and have the patient yawn to observe upward movement of the soft palate.	Client should be able to elicit gag reflex and swallow without any difficulty.	Client was able to elicit gag reflex and able to swallow without difficulty.
	Elicit gag response. Note ability to swallow.		
X. Vagus	Ask the patient to swallow and speak (note hoarseness)	The client should be able to swallow without difficulty and speak audibly.	Client was able to swallow without difficulty and speak audibly.
XI. Accessory	Ask client to shrug shoulders against resistance from your hands and turn head to side against resistance from your hand (repeat for other side).	Client should be able to shrug shoulders and turn head from side to side.	Client was able to shrug his shoulders and turn his head from one side to the other.
XII. Hypoglossal	Ask client to protrude tongue at midline and then move it side to side.	The client should be able to move tongue without any difficulty.	The client was able to move tongue in different directions.

Bates Guide To Cranial Nerves

**Christa Modschiedler, Denise Beaubien
Bennett**



Bates Guide To Cranial Nerves:

Bates' Guide to Physical Examination and History Taking Lynn S. Bickley, Peter G. Szilagyi, Barbara Bates, 2009 Presents step by step instructions for physical examination techniques along with information on taking the patient history **Bates Guide to Physical Examination and History Taking** Mr. Rohit Manglik, 2024-03-12 EduGorilla Publication is a trusted name in the education sector committed to empowering learners with high quality study materials and resources Specializing in competitive exams and academic support EduGorilla provides comprehensive and well structured content tailored to meet the needs of students across various streams and levels *Bates' Guide To Physical Examination and History Taking* Rainier P. Soriano, 2025-09-15 Bates Guide to Physical Examination and History Taking 14th Edition is the trusted resource for mastering patient assessment carefully tailored to meet the evolving needs of students educators and healthcare practitioners Whether you re beginning your career in healthcare or seeking to enhance your clinical skills this updated edition has been thoughtfully updated to address the evolving needs of today s healthcare landscape Bates' Guide to Physical Examination and History-Taking Lynn Bickley, Peter G. Szilagyi, 2012-11-01 With the 11th edition focus turns back to the student in nurse practitioner physician s assistant and medical programs The text continues be a trusted reference for nursing and medical students as well as practitioners The art program has been revised to bring greater consistency and currency to the illustrations Many photographs particularly those depicting skin conditions are being replaced with newer photos of higher quality The well respected and highly useful layout and organization of the book are retained Each chapter has been reviewed and revised to keep the text up to date The following features long admired among dedicated Bates users are also retained Detailed beautifully depicted Tables of Abnormalities Extensive Pediatric chapter Illustrated Anatomy and Physiology review begins each chapter Important information on Interviewing Techniques and Patient Communication Outstanding line art program Two column format as guide for physical assessment Useful Clinical tips throughout The ancillary assets are also being updated to redirect the focus toward higher level nursing students and medical students

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Manual Therapy for the Cranial Nerves J. P. Barral, Alain Croibier, 2009 Classically manipulations of the cranium address the sutures the membranes and the circulation of cerebral spinal fluid The proper functioning of these elements requires not only the mechanical harmony of the cranosacral system but relies also on the exchange of information organized around proprioceptors baroreceptors and chemoreceptors These receptors are extremely sensitive It is the nervous system cranial nerves and the autonomic nervous system which transports this intelligence Neural dysfunctions have therefore the ability to disturb the fundamental components of the primary respiratory mechanism Entirely new original and abundantly illustrated this book is an essential guide with which to visualize and become familiar with the cranial nerves It will teach the practitioner manipulations of this delicate neural system as well as new techniques which permit one to have an effect on the most precious part of the cranium the brain

Bates Guide To Cranial Nerves Book Review: Unveiling the Magic of Language

In an electronic era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Bates Guide To Cranial Nerves**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we will delve to the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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