

ESSENTIALS for unit test # **4**

NEURO

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| 1. mid shaft humerus | thumb / wrist drop |
| 2. Glasgow Coma Score 10 | E 3 open with pain
V 3 profane with pain
M 4 withdrawal from pain |
| 3. Eyes do nothing 1
Verbalizes nothing 1
Moves nothing 1 | Glasgow Coma Score 3 |
| 4. Eyes: perfect 4
Verbal perfectly 5
Moves perfectly 6 | Glasgow Coma Score 15 |
| 5. spinal nerve test | Deep tendon reflex (DTR) |
| 6. weakness on finger spread | C 8 – T 1 |
| 7. decorticate | flexed at elbow |
| 8. decerebrate | elbows extended |
| 9. appears drunk
ataxia (staggers)
double vision | Wernike's encephalopathy |
| 10. lateral eye movement paralysis / weakness | double vision |
| 11. lateral eye movement paralysis / weakness | CN VI |
| 12. CN VI paralysis / weakness | Wernike's |
| 13. alcoholic person (Wernike's) | give Thiamine |
| 14. malnourished person | give Thiamine |
| 15. pupil constriction | cranial nerve III |
| 16. extraocular movements | CN III, IV, VI |
| 17. Bell's palsy of CN VII | Both upper and lower face |
| 18. CN XII palsy | tongue weakness |
| 19. bite muscle weakness | palsy of CN V |
| 20. hearing | CN VIII
[not C 8 spinal nerve] |
| 21. paralysis of biceps jerk DTR | 5th cervical (C 5) spinal nerve
[not cranial nerve CN V]
[spinal ≠ cranial nerve] |
| 22. one spinal nerve test | DTRs |

23. Babinski	dorsiflexion of big toe
24. Babinski level	S 2
25. right sided C 7 spinal nerve impairment [as in slipped disc]	↓ right wrist flexion
26. no right knee jerk	right L4 spinal nerve injury
27. 6th cervical [not CNVI] spinal nerve palsy	↓ wrist extension / weakness
28. left C 8 spinal nerve injury	↓ left grip
29. absent DTRs in both sides (arm,... leg reflexes absent)	spinal cord cut [not a peripheral nerve cut]
30. normal Biceps Jerk + BR DTRs in both arms; all other DTR reflexes absent	spinal cord severed at level between C 6 and C 7
31. ankle jerk DTR paralysis	S 1
32. diaphragm paralysis	C 3, C 4, C 5 paralysis
33. neuro check for elbow dislocation	grip
34. fracture of wrist	median nerve (also causes ↓ grip)
35. fracture of mid shaft <u>humerus</u>	thumb / wrist drop
36. cannot abduct shoulder	axillary nerve injury
37. shoulder dislocation	axillary nerve injury
38. cerebellar assessment	rapid, coordinated movements finger to nose heel to toe
39. meningitis signs	rigid neck fever ALOC, confusion Headache

PSYCH

40. anxiety disorder	neurosis
41. thought disorder	psychosis
42. inability to function	schizophrenia psychosis
43. perceptions not based in reality	hallucination
44. psychotic thought	hallucinations and / or delusions
45. auditory hallucinations	psychosis
46. visual hallucinations	drug induced (may NOT be psychotic)

47. mature anxiety management	coping mechanism
48. stubborn, uncooperative	passive-aggressive
49. apprehension / panic	anxiety reaction
50. change of perspective	rationalization
51. symptoms "solve the conflict"	conversion reaction
52. link or bond with loved one [or even with an aggressor]	identification [nationalism]
53. " <u>scape</u> <u>goating</u> "	projection
54. most primitive defense	denial
55. Dejected, delusional, suicide risk	psychotic depression
56. lacks emotional bonding ± moral development	sociopath (personality disorder)
57. stubborn preoccupation	fixation
58. practical impulse neutralization	sublimation
59. healthy suspension of anxiety	relaxation response
60. anxiety released through autonomic nervous system	psychosomatic disease
61. attempt to lessen anxiety by for e.g., superstitious ritualistic hand washing	obsessive compulsive disorder
62. fixed "crazy" belief system	delusion
63. Bizarre, delusional, dangerous	paranoid schizophrenia
64. exaggerated excitation / elation	manic
65. drug induced mania	intoxication
66. psychotic and statue-like or rocking	catatonic
67. ambivalently loving and hating	self destructive displacement
68. ≥ 2 persons sharing delusions	folie a deux
69. anxiety-syndrome with ineffectual coping	neurosis
70. immature coping, baby-talk ... "goo- goo"	regression [not repression]
71. "burying" uncomfortable thoughts	repression
72. slow moving, slow speaking	psychomotor retardation

73. repetitive, sequenced behaviors providing sense of control	ritual [protocols]
74. accidentally discovered neurotic advantages	secondary gain (attention getting behavior)
75. minimal attempt to manage anxiety; usually habitual, not conscious	defense mechanism
76. reaction is exact opposite of original fear	reaction formation
77. misinterpretation of reality	illusion; not hallucination [e.g., a mirage]
78. impulse (e.g., anger) is shifted	displacement
79. constant uncertainty	Trigg test AKA obsessive doubting
80. obsessive-compulsive disorder OCD symptoms	fears of contamination fear of harm of loved one
81. obsessive-compulsive disorder OCD behaviors	excessive hand washing excessive checking (locks, stove,...)
82. prevalence of OCD	$\geq 1\%$
83. OCD autoimmune link	strep throat
84. likelihood of OCD in child with rheumatic (strep throat) Tourette's	50 %
85. prevalence of OCD in rheumatic chorea movement disorder	70 %
86. new treatment of OCD	SSRI fluvoxamine (Luvox)
87. adverse SSRI side-effects in children	rare and not age-related
88. rheumatic fever Sydenham's chorea results from damage of	basal ganglia
89. post strep antineuronal antibodies (PANDA antibodies) and markers (D8/17) in	OCD and Tourette's syndrome and Sydenham's movement disorder

ETHICS

90. ethics	moral standard; more than the legal standard
91. ethical decision criteria	consent intervention quality of life

	external factors
92. primum non nocere	first, do no harm
93. best able to decide medical ethical situations (not always in this order)	patient provider / service family society / gov.
94. natural law ethics	Aristotelian ; inherent human nature
95. utilitarianism ethics	impartial ; greatest good for greatest number
96. conscience clause	patient autonomy patient's values conflict of values considers clinician's own values
97. nonmaleficence	doing no harm primum non nocere includes protecting self + team
98. doing good	beneficence
99. distributive justice	distribute care + resources policy decisions opposite of the profit motive
100. rapid ethical decision making by first	asking is there already a rule
101. "if I were this patient, would I want to have done to me what I am about to do?"	impartiality test
102. "would all clinicians do what I am about to do?"	universalizability test
103. "would I openly, publicly state reasons for what I am about to do?"	impersonal justifiability test

>> 90 % of your test will probably be based on the above review