

EX. NEUROLOGICAL EXAM FLOW

DIVE HISTORY

- What is the problem?
- When did you notice it?
- Rate the pain on a scale of 1-10
- Describe the pain: Sharp / Dull / Throbbing / Localized or Hard to Pinpoint
- Mark out numbness as appropriate
- Dive Profile (repeats, depth, BT, rig, problems, type of work, surface interval, buddy)
- Table/Schedule
- Have you ever had this problem before?
- Do you have any medical conditions this could be attributed to?

MENTAL STATUS

- What is your name?
- What day is it?
- Who is the current president?
- Is the patient's mood appropriate?
- Remember these 3 things (i.e. penny, nickle, dime)
- Add those coins. Subtract the nickel
- Spell the word, "world", backwards
- Rate the pain on a scale of 1-10
- Mark out numbness as appropriate

COORDINATION

- Gait / Walk
- Heel-Toe Walk
- Heel-Shin Slide
- Rhomberg
- Finger-Nose
- Rapid Alternating Movement
- Rate the pain on a scale of 1-10
- Mark out numbness as appropriate
- What were the three things I asked you to remember?

CRANIAL NERVES

12 pairs: I. Olfactory and IX. Glossopharyngeal typically not tested

- Do you wear glasses/contacts, have tunnel or blurred vision?
- Cover 1 eye and read (II. Optic)
- Cover 1 eye and test peripheral fields (II. Optic)
- Follow finger, 4 quadrants then nose (III. Oculomotor, IV. Trochlear, VI. Abducens)
- Pupil dilation/constriction (III. Oculomotor)
- Run fingers across forehead, cheeks, & chin, feel bite each time (V. Trigeminal)
- Smile, show teeth, frown, squint, and wrinkle forehead (VII. Facial)
- Test each ear for hearing (VIII. Acoustic)
- Say, "ahhh", watch for palate to rise. Listen for hoarseness (X. Vagus)
- Shrug Shoulders and turn head against resistance (XI. Spinal Accessory)
- Stick tongue out and move side to side (XII. Hypoglossal)
- Rate the pain on a scale of 1-10
- Mark out numbness as appropriate
- What were the three things I asked you to remember?

STRENGTH

0	Paralysis - No Motion Possible
1	Profound Weakness - Flicker of muscle contraction
2	Severe Weakness - Muscle Contraction but cannot overcome gravity
3	Moderate Weakness - Overcome Gravity but not resistance of the examiner
4	Mild Weakness - Able to resist slight force of examiner
5	Normal - equal strength bilaterally
	Deltoids/Latissimus - Chicken wing up/down
	Biceps/Triceps - Push/Pull
	Forearm/Hand
	Heel walk/Toe walk/Duck Walk (Success concludes lower extremities)
	Legs - up/down/out/in/apart/together
	Feet - up down
	<i>Rate the pain on a scale of 1-10</i>
	<i>Mark out numbness as appropriate</i>
	<i>What were the three things I asked you to remember?</i>

SENSORY

	Show examples of sharp and dull
	Head/Neck
	Torso - Front/Back, both sides (Top of shoulder to groin or below buttocks)
	Arms - Deltoid, below elbow, wrist
	Legs - Upper thigh, below knee, ankle
	Hands - Palm/back of hand & fingers
	<i>Rate the pain on a scale of 1-10</i>
	<i>Mark out numbness as appropriate</i>
	<i>What were the three things I asked you to remember?</i>

DEEP TENDON REFLEXES

Normal / Nonexistent / Deficient / Excessive

	Biceps
	Triceps
	Knee
	Ankle
	<i>Rate the pain on a scale of 1-10</i>
	<i>Mark out numbness as appropriate</i>
	<i>What were the three things I asked you to remember?</i>