

Divine Intervention Episode 69

USMLE Anatomy Series Part 2

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Some PGY-1

1

An 18 year old female presents to the ED with a 2 day history of “difficulty chewing”. She lives in Connecticut and recently noticed a “bulls eye rash” on her RLE. PE is notable for an asymmetric smile. Dx? Pathophysiology? Potential reason why she cannot chew/baby can’t suckle”? Tx strategies?

2

A 3 yo M mistakenly bites the tip of his tongue while enjoying a nice meal from McDonald's. He cries in severe pain as his mom consoles him. What is the CN that is associated with this toddler being able to experience the sensation of pain?

3

What are the 3 middle ear bones? How do they differ wrt to branchial (or pharyngeal) arch derivation and innervation?

4

A 23 year old F just broke up her with her boyfriend of 3 months. She is brought to the ED by her roommate who noticed blood on her bed. PE is notable for a superficial left palm laceration. She has difficulty flexing the PIP and DIP of her left index finger. Dx? Pathophysiology?

5

16 yo high school football player is hit by an opponent during a game and immediately begins to complain of severe R shoulder pain. He has difficulty with lateral rotation of his R arm. What is the most likely finding on imaging? What is the lesioned nerve?

6

16 yo high school football player is hit by an opponent during a game and immediately begins to complain of severe R knee pain. On PE, there is excessive laxity noticed when the femur is pulled anteriorly relative to the tibia. Dx? Common mechanism of injury?

7

A ballet performer presents to her PCP at the end of dance season with “difficulty walking”. During a neurologic exam, she has difficulty raising her left foot to the ceiling. LE MR imaging reveals compression of a nerve. Dx? Pathophysiology?

8

An 89 yo F presents to her PCP for a follow up visit 2 weeks after having hip replacement surgery. PE is notable for “drooping” of the left hip when the patient is made to take several forward steps. Dx? Lesioned nerve? Lesioned muscles? Nerve roots? What is the “damaged side” in this patient?