Cervical Spine RELIABLE Exam Algorithm Does the patient have any of the following? *High risk MVC: Altered mental status (GCS <14) Young age (careful consideration given to those under 2 years) Head-on collision Developmental or pre-existing musculoskeletal concerns Rollover Ejection from vehicle Posterior midline neck tenderness to palpation Death in same crash Neck pain, including with range of motion Abnormal head posture or torticollis Speed >55 mph Weakness, paresthesias, or other focal neurologic deficit Distracting injury (femur fracture, visible or known substantial injury to chest/abdomen/pelvis requiring admission or surgery) Concerning mechanism: axial load, diving, "clothes-line," suspicion for intracranial injury secondary to child physical abuse [CPA], high-risk MVC Clinical Clearance: Perform exam: 1. GCS ≥14 2. NO posterior midline tenderness to palpation AND 3. FULL normal active range of motion with extension, flexion, and right and left lateral movement Remove cervical collar Can c-spine be Document exam using: clinically cleared EPIC inpatient smart text: IP Trauma Cspine Clearance Note EPIC ASAP ".edcervicalspineclearance" Yes No Apply appropriately sized cervical collar Cervical radiographs: Skull base - T1 <5 yrs; AP, lateral (2v) >5 yrs; AP, lateral, odontoid (3v) is the x-ray Yes-Go to B tier normal? No Maintain cervical collar Neurosurgery consult Treatment as recommended Rev 1/24

