Denslow Allerton Trumbull, Bachelor of Science - Auburn University, Medical Student - Year 1, University of **Presenting Author** Florida College of Medicine, University of Florida, Gainesville, Florida Kyle Scott, Medical Student, University of Florida College of Medicine Gainesville, FL, William Clifton, MD, Neurological Surgery, Mayo Clinic Jacksonville, FL, Gazanfar Rahmathulla, MD, Neurological Surgery, **Co-authors** University of Florida College of Medicine Jacksonville, FL, Jonathan Arias, Medical Student, University of Florida College of Medicine, Gainesville, FL Introduction The third leading cause of spinal injuries are gunshot wounds to the spine accounting for 15.2% of all spinal cord injuries. Treatments for gunshot wound spinal cord injuries (GSWSCI) remains variable with indications for surgery being controversial. There is no clear evidence or guidelines that can help spine surgeons decide and direct surgical interventions. With the paucity of available literature, we report an interesting case of gun shot injury to the lumbar spine at L1 - L2 and discuss the presentation, outcome and evaluate relevant literature. Case Presentation A 27-year-old incarcerated male patient presented with a conus cauda equina asymmetrical injury involving the lower extremities, and required initial medical stabilization in the intensive care unit (ICU) and subsequently underwent delayed surgical treatment with a decompression and fragment resection at L1 -Abstract L2. The patient improved neurologically to an American Spinal Injury Association (ASIA) Classification D and eventually regained nearly all lower extremity neurological function. **Final Diagnosis** Despite considerable evidence favoring conservative management of GSWSCI, and the absence of guidelines or recommendations on surgical interventions, our case report demonstrates that surgical intervention in appropriately selected patients can yield good recovery of neurological function and quality of life improvement. Outcome The key remains careful patient selection, appropriate location of the retained fragment, and extent of neurological injury that occurred, we feel surgical decompression and fragment removal along with debridement can result in good neurological recovery and long term outcomes. 1. identify situations that are beneficial for surgical intervention as it pertains to gunshot wound spinal cord **Learning Objectives** injuries. 2. identify the need for further investigation into gunshot wound spinal cord injuries. All authors and coauthors have no relevant financial relationships to disclose. **Disclosures** The author does not intend to discuss an off-label/investigative use of a commercial product/device.