INTRODUCTION

- Pediatric trauma injuries occur during crucial developmental years
  - Absence from school and activities often occurs
  - The impact of social changes is not well known in the pediatric trauma population
- Our aim was to assess the functional and emotional impact of trauma on pediatric trauma patients

METHODS

- A prospective survey was conducted at our trauma center from February 2019- May 2020
- All pediatric trauma patients were included
- Patients who died prior to admission or non-accidental trauma patients were excluded
- Patients/ guardians completed an inpatient survey as well as another three months post discharge

RESULTS

- 60 patients enrolled, 31 completed follow-up
  - Mean age: 10 ± 5 years
  - 75% male (n=45)
  - Injury Severity Score 7 ±6
- Emotional/ Psychological Data
  - Pre-Injury
    - 18% with pre-existing anxiety
    - 7% underwent pre-injury therapy
  - Inpatient
    - 13% seen by behavioral medicine inpatient
- At 3 month follow up
  - 10% felt withdrawn
  - 32% felt emotional/ distracted
  - Only 13% were undergoing therapy
- Functional Data
  - 7% with pre-existing limitations
  - At 3 month follow up
    - 71% back to pre-injury academics
    - 58% back to pre-injury extra-curricular activities

CONCLUSIONS

- Pediatric trauma patients experience significant functional and emotional limitations following trauma
- This suggests that all pediatric trauma patients should be evaluated by behavioral medicine during their admission with post-discharge support services offered
- PI opportunities identified in areas of pain control and communication