BACKGROUND
- A Pediatric Epilepsy track was added to the Epilepsy Fellowship at Thomas Jefferson University Hospital in July 2017.
- Pediatric fellows are primarily at A.I. DuPont Hospital for Children (AIDHC).
- There was a significant delay in 'time to report read', which can delay care and management decisions.
- The delay in reporting was due to multiple factors, including excessive attending workload.
- A method to mitigate the delay is to make this the job of the pediatric epilepsy fellow, with supervision by the Epilepsy attending.

AIMS
- To determine if there is a reduction in time to EEG reporting after institution of the Pediatric Epilepsy fellowship track.

METHODS
- We compiled the dates of EEGs that were performed and the dates the reports were submitted in the EMR for the months of June 2017 and December 2017.
- We compared the "time (in days) from the EEG test to the date of the final report" between June, prior to the Pediatric Epilepsy fellows starting at AIDHC, and December 2017.

RESULTS

<table>
<thead>
<tr>
<th></th>
<th>Average number of days to report (range; standard deviation)</th>
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<tbody>
<tr>
<td></td>
<td>June</td>
</tr>
<tr>
<td>Routine EEG</td>
<td>N=173</td>
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<tr>
<td></td>
<td>8.95 (0-121; 13.47)</td>
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<tr>
<td>LTM EEG</td>
<td>N=149</td>
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<tr>
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<td>41.41 (0-148; 35.77)</td>
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DISCUSSION
- After the Pediatric Epilepsy track was established, there has been a significant decrease in the delay to EEG reporting.
- Access to reports within 1 week of the procedure has important clinical impact on medical decision-making.
- Limitations:
  - Possible bias in the EEG time frames sampled.
  - Different attending faculty reading the EEGs.
  - Technical or network issues.
- Further study:
  - Accuracy of Fellow’s reports
  - How medical care has been improved after the decreased delay in reporting