

A 5-YEAR AUDIT OF PAEDIATRIC PATIENTS PRESENTING TO THE EMERGENCY DEPARTMENT WITH STATUS EPILEPSY REQUIRING SECOND-LINE MEDICATION

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Aim:

To audit the management of children presenting to Paediatric Emergency Department (PED) who required second-line medication for seizure control.

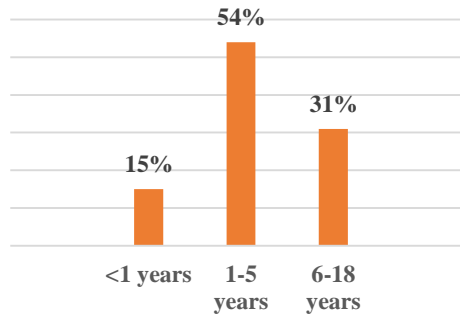
Method:

Retrospective Electronic Chart review over a 5-year period (March 2015 to March 2020) of children aged 0 to 18 years who presented to PED at Children's Health Ireland at Temple Street.

Results:

Showing results of 88 patients out of 380 reviewed. Most seizures were in boys. The following chart shows the percentage of seizures within various age groups.

Figure 1: Seizure- age groups



72% of patients had afebrile seizures and 67% had a previous history of seizure. Just under half of patients were managed as per hospital guidelines shown in figure 2.

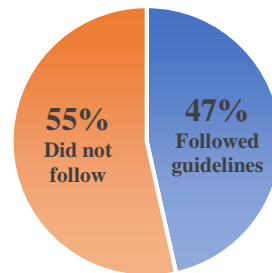
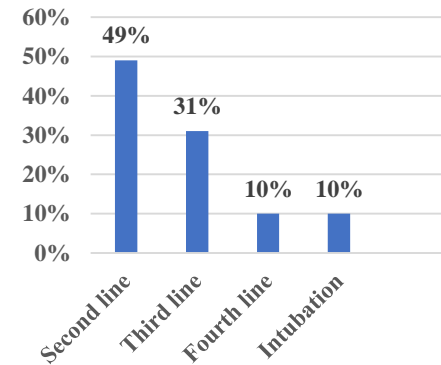


Figure 2: Seizure management as per Guidelines

Seizure control with second-line medication was achieved in 49% and 10% required intubation as in figure 3.

Figure 3: Seizure control-medication



Conclusion:

65% of patients reviewed had their medications started pre-hospital. More training is needed regarding the protocol for the management of Status Epilepticus.