Rationale:
• Our goal was to verify and quantify the benefit of environmental interventions being reported by family to markedly decrease the patient's seizures.

Methods:
• Seizure frequency was determined via visual review of the EEG and video, and spike frequency was quantified using Persyst.

Results:
• Though the greatest difference in seizure frequency was associated with blinds closure, light levels decreased most upon adding sunglasses with the blinds open.

Conclusion:
• Photosensitivity is clinically significant in select Dravet Syndrome patients
• Environmental interventions may significantly affect seizure frequency for such patients

Myoclonic Seizure Frequency

Spikes vs Light Levels

- 5 minutes EEG recording with sunglasses off
- Arrowheads: family identified myoclonic seizures
- Arrow: Blinds drawn at that time