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| Parameter name | How to use | Equation |
| Seizure Load | Improved quantification of seizure number | Addition of ranking points for seizures per day |
| Seizure Number | Quantification of seizure number | Addition of seizures per day |
| % Seizure Free | Percent of time patient has no seizures | ((Number of seizure free Days during time period on therapy/total days during time period on therapy)\*100) |
| Med Load | Improved quantification of medication number | Prescribed med dose divided by recommended minimum med dose |
| Med Number | Quantification of medication number | Addition of medications per day |
| % Med Free | Percent of time patient has no Meds | ((Number of Med free Days during time period on therapy/total days during time period on therapy)\*100) |
| Seizure Response | Effect of therapy on improved seizure quantification per day or per time period greater than a day | ((Seizure Load on therapy (for day or median Seizure Load for time period greater than a day)/Median Seizure Load during baseline) \*100), so that a value of 100 reflects no change from baseline |
| Seizure Number Response | Effect of therapy on seizure quantification per day or per time period greater than a day | ((Seizure Number on therapy (for day or median Seizure Number for time period greater than a day)/Median Seizure Number during baseline) \*100), so that a value of 100 reflects no change from baseline |
| Med Response | Effect of therapy on improved medication quantification per day or per time period greater than a day | ((Med Load on therapy (for day or median Med Load for time period greater than a day)/Median Med Day Load during baseline) \*100), so that a value of 100 reflects no change from baseline |
| Med Number Response | Effect of therapy on medication quantification per day or per time period greater than a day | ((Medication Number per day on therapy/Median Medication Day Number during baseline) multiplied by 100), so that a value of 100 reflects no change from baseline |
| % Seizure Free Response | Effect of therapy on change in % seizure-freedom | 100-(% seizure free days per time period on therapy - % seizure free days during baseline), so that a value of 100 reflects no change from baseline |
| % Med Free Response | Effect of therapy on change in % Med-freedom | 100-(% Med free days per time period on therapy - % Med free days during baseline), so that a value of 100 reflects no change from baseline |
| Seizure Score | Effect of therapy on improved seizure quantification and % seizure-freedom | (% seizure free days\* Seizure Free Response)+(% seizure days\*Seizure Response), so that a value of 100 reflects no change from baseline |
| Seizure Number Score | Effect of therapy on seizure quantification and % seizure-freedom | (% seizure free days\* Seizure Free Response)+(% seizure days\*Seizure Number Response), so that a value of 100 reflects no change from baseline |
| Med Score | Effect of therapy on improved Med quantification and % Med-freedom | (% Med free days\* Med Free Response)+(% Med days\*Med Response), so that a value of 100 reflects no change from baseline |
| Med Number Score | Effect of therapy on Med quantification and % Med-freedom | (% Med free days\* Med Free Response)+(% Med days\*Med Number Response), so that a value of 100 reflects no change from baseline |
| Outcome | Effect of therapy on seizure quantification, % seizure freedom, and med quantification per day or per time period | Per day: (Seizure Response + Med Response)/2, so that a value of 100 reflects no change from baseline  Per time period: (Seizure score per time period+ Med Day Load Response per time period)/2, so that a value of 100 reflects no change from baseline |