DATA INPUT KEY

The following data points are required for the ClinicalQ Report Writer

LEGEND
CT: Central regions (Cz)
EO: Eyes Open
EC: Eyes Closed
UT: Under Task (e.g., reading)
TB: Theta/Beta ratio

LOCATION Cz
CT1: % change EO to EC Alpha
CT2: % change EO (before EC) to EO (after EC)
CT3: EO Theta/Beta
CT4: UT Theta/Beta
CT5: % change T/B EO to T/B UT
CT6: Total Amplitude
CT7: Theta/SMR

LOCATION O1
OC1: % change in Alpha EO to EC
OC2: % change EO (before EC) to EO (after EC)
OC3: Theta/Beta EO
OC4: Theta/Beta EC
OC5: % change T/B EO to T/B EC

LOCATIONS F3 and F4
FF1: % absolute difference between F3 and F4 Beta
FF2: % absolute difference between F3 and F4 Alpha
FF3: % absolute difference between F3 and F4 Theta
FF4: F3 Theta/Alpha amplitude ratio
FF5: F4 Theta/Alpha amplitude ratio
FF6: F3 Theta/Beta amplitude ratio
FF7: F4 Theta/Beta amplitude ratio
FF8: % absolute difference between F3 and F4 T/B

LOCATION Fz
FZ1: Delta amplitude
FZ2: HiBeta&Gamma/Beta
FZ3: Sum of HiBeta&Gamma & Beta
FZ4: LoAlpha/HiAlpha amplitude ratio

FREQUENCY RANGES USED FOR THE CLINICAL Q ASSESSMENT

Delta 1.5–2.5 Hz

Theta 3–7 Hz

Low Alpha 8–9 Hz

High Alpha 11–12 Hz

Alpha 8–12 Hz

SMR 13–15 Hz

Beta 16–25 Hz

High Beta-Gamma 28–40 Hz