EEG Analysed (n= 21 )  
 Excluded from analysis (give reasons) (n= 0)

5 min before and 10 min after DEX EEG(n=24)

 Received allocated intervention (n= 24 )

 Did not receive allocated intervention (give reasons) (n= 0 )

Excluded (n= 3)

¨  due to poor quality EEG (n = 3)

Excluded (n= 2)

¨  due to bad channels (n = 2)

Assessed for eligibility (n= 26 )

10 min after

DEX Group

(n=21)

5 min before

DEX Group

(n=21)

Fig S1. Strengthening the Reporting of Observational Studies in Epidemiology(STROBE)diagram.

DEX , dexmedetomidine .