

Appendix 1 Survey questions

1. What is your primary centre of practice (Name of Institution, City)? (text box)
2. What is your specialty?
 - a. Neonatologist
 - b. Pediatrician (not neonatologist)
 - c. Nurse
 - d. Physiotherapist
 - e. Pharmacist
 - f. Neurodevelopmental evaluator
 - g. Inspector
 - h. Imaging physician
 - i. Other: (text box)
3. What is your professional title?
 - a. Senior
 - b. Intermediate
 - c. Junior
 - d. Other: (text box)
4. How many years do you work in your unit?
 - a. 0-5
 - b. 6-10
 - c. 11-15
 - d. 16-20
 - e. >20
5. In what type of hospital do you work?
 - a. General hospital
 - b. Maternity and infant hospital
 - c. Children's hospital
 - d. Other: (text box)
6. In what level of hospital do you work?
 - a. Grade III
 - b. Grade II
 - c. Grade I
7. How many beds in your neonatal intensive care unit?
 - a. <20
 - b. 20-50
 - c. 51-70
 - d. 71-100
 - e. >100
8. Do you use any long term EEG monitoring (amplitude-integrated or conventional EEG) in your NICU?
 - a. Yes
 - b. No (*continue with 11 ,then the survey is terminated*)
9. If question 7 answered yes, which:
 - a. aEEG
 - b. cEEG
 - c. Combined aEEG/cEEG
10. How many EEG devices in your NICU?
 - a. 1-2
 - b. 3-5
 - c. 6-8
 - d. 9-10
 - e. >10
11. If you don't use any NICU EEG monitoring, why not? Please check all that apply.
 - a. EEG equipment is too expensive
 - b. Difficult to interpret
 - c. Other department has EEG capability
 - d. Other: (text box)
12. How many patients per day in your NICU would you monitor with long term EEG?
 - a. 1-2
 - b. 3-5
 - c. 6-10
 - d. >10
13. Who interpret the cEEG results in your unit?
 - a. Neonatologist
 - b. Pediatric neurologist
 - c. Other: (text box)
14. Who interpret the aEEG results in your unit?
 - a. Neonatologist
 - b. Pediatric neurologist
 - c. Other: (text box)
15. How long was EEG monitoring in neonates with brain injury?
 - a. <2 hour

- b. 2-5 hour
 - c. 6-12 hour
 - d. >12 hour
 - e. I am unsure
16. How long was EEG monitoring in neonates with seizures?
- a. <2 hour
 - b. 2-5 hour
 - c. 6-12 hour
 - d. >12 hour
 - e. I am unsure
17. What is your preferred long term monitoring method for assessing the following clinical scenarios for patients in the NICU?
- a. Encephalopathy
 - b. Seizures/ suspected seizures
 - c. Neonates at high risk of brain injury
 - d. Assessment of brain development
 - e. All neonates admitted to the NICU
18. Do you currently manage patients based on bedside EEG monitoring?
- a. Yes
 - b. No
 - c. I am unsure
19. Have you received any training in EEG use?
- a. Yes
 - b. No
20. Have you read any professional books on EEG?
- a. Yes
 - b. No
21. Would you like to attend an education session on EEG use in the NICU at your institution?
- a. Yes
 - b. No
 - c. I am unsure