

SUPPLEMENTARY MATERIAL

Table S1. The questionnaire used in the current study

1ST DEPARTMENT OF NEONATOLOGY AND INTENSIVE NEONATAL CARE

QUESTIONNAIRE CONCERNING PHYSICIANS' PRECEPTIONS ON POTENTIAL SHORT-TERM ADVERSE EFFECTS OF ANALGESIA AND SEDATION IN NEONATAL INTENSIVE CARE UNITS.

PERSONAL DATA (not identifying responder's ID)

Sex: male ...☐..... female ...☐.....

Type of NICU where you work: A. Public Hosp ..☐ B. Private Hosp..☐

Work experience: A. qualified neonatologist ..☐ B. pediatrician working in NICU for at least 3 years ..☐ C. Fellows ..☐.

Years working in the NICU:

Questionnaire regarding your views on potential short term adverse effect of pain on the neonate

1A. Do you believe that neonates can feel pain?

YES ☐ NO ☐ □

1.B. Do you believe that pain may have adverse effects on the neonate?

YES ☐ NO ☐ □

1.C. If your reply is yes to the 1.B. question, which of following organ/system – specific adverse effect might be?? Check (YES) for positive answers.

| | Domains and items | YES | NO |
|----------|---------------------------------|-----|----|
| 1 | CNS | | |
| 1.1. | change of cerebral blood flow | | |
| 1.2 | Cerebral hemorrhage | | |
| 1.3 | Increased intracranial pressure | | |

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| 1.4 | Increased stress responses | | |
| 2 | Cardiovascular system | | |
| 2.1 | Hypertension | | |
| 2.2 | Tachycardia | | |
| 2.3 | Bradycardia | | |
| 2.4 | Heart rate fluctuation | | |
| 2.5 | Pulmonary hypertension | | |
| 2.6 | Circulatory collapse | | |
| 3 | Respiratory system | | |
| 3.1 | Irregular breathing pattern | | |
| 3.2 | Apneic spells | | |
| 3.3 | Respiratory distress | | |
| 3.4 | Oxygen desaturations | | |
| 3.5 | Hypoxemia | | |
| 3.6 | Ventilator asynchrony | | |
| 3.7 | Increase duration of mechanical ventilation | | |
| 3.8 | Pneumothorax | | |
| 4 | Other systems (growth, metabolism, endocrine s.) | | |
| 4.1 | Deterioration of the clinical condition | | |
| 4.2 | Hormonal & metabolic derangement | | |
| 4.3 | Slow growth rate | | |