Supplementary

**Questionnaire**

1. Name of your institution：
2. How many cases of moderate and deep sedation for non-invasive paediatric procedures are performed in your institution per year?

[ ]  <1,000

[ ]  1,000-5,000

[ ]  5,000-10,000

[ ]  >10,000

1. Is there a dedicated sedation room in your institution? [ ] Yes [ ] No
2. Is there a dedicated post-sedation recovery room in your institution? [ ] Yes [ ] No
3. In your institution, moderate and deep sedation for non-invasive pediatric procedures is performed by:

[ ]  Anesthesiologists

[ ]  Physicians-in-charge of the cases

[ ]  Radiologists

[ ]  Nurses

[ ]  Others (please specify):

1. Full-time sedation provider is deployed in your institution: [ ] Yes [ ] No

(*Notes: a full-time sedation provider is a medical personnel whose only duty is to provide sedation service.*)

1. In your institution, what is the physicians to nurses ratio in sedation service?

[ ]  <1:1

[ ]  1:1

[ ]  1:2

[ ]  1:3

[ ]  1:4

[ ]  >1:4

[ ]  Not specified

1. In your institution, the prerequisite skills for the sedation staff is/are: (multiple answers allowed)

[ ]  Pediatric Advanced Life Support (PALS)

[ ]  Pediatric Basic Life Support (PBLS)

[ ]  Local criteria

[ ]  Not specified

[ ]  Others (please specify):

9. In your institution, solid food/milk (except for breast milk) is stopped for at least \_\_ before sedation:

[ ]  2 hours

[ ]  4 hours

[ ]  6 hours

[ ]  8 hours

[ ]  >8 hours

[ ]  Not specified

10. In your institution, clear liquid is stopped for at least \_\_ before sedation:

[ ]  2 hours

[ ]  4 hours

[ ]  6 hours

[ ]  8 hours

[ ]  >8 hours

[ ]  Not specified

1. In your institution, monitoring device(s) used during moderate and deep sedation for magnetic resonance imaging procedures is/are: (multiple answers allowed)

[ ]  Pulse oximetry

[ ]  Electrocardiography

[ ]  Noninvasive blood pressure

[ ]  End-tidal carbon dioxide

[ ]  Others (please specify):

1. In your institution, monitoring device(s) used during moderate and deep sedation for nonmagnetic procedures is/are: (multiple answers allowed)

[ ]  Pulse oximetry

[ ]  Electrocardiography

[ ]  Noninvasive blood pressure

[ ]  End-tidal carbon dioxide

[ ]  Others (please specify):

1. In your institution, how was pulse oximetry monitoring being used during moderate and deep sedation for magnetic resonance imaging (MRI)?

[ ]  Continuous

[ ]  Intermittent, every <5 min

[ ]  Intermittent, every 5-10 min

[ ]  Intermittent, every 10-15 min

[ ]  Intermittent, every >15 min

[ ]  Not specified

1. In your institution, how was pulse oximetry monitoring being used during moderate and deep sedation for nonmagnetic procedures?

[ ]  Continuous

[ ]  Intermittent, every <5 min

[ ]  Intermittent, every 5-10 min

[ ]  Intermittent, every 10-15 min

[ ]  Intermittent, every >15 min

[ ]  Not specified

1. In your institution, the first-choice sedative for children under 1 year old is:

[ ]  Chloral hydrate

[ ]  Dexmedetomidine

[ ]  Propofol

[ ]  Diazepam

[ ]  Barbital

[ ]  Ketamine

[ ]  Inhaled anesthetics

[ ]  Not specified

[ ]  Others (please specify):

1. In your institution, the first-choice sedative for children 1 to 4 years old is:

[ ]  Chloral hydrate

[ ]  Dexmedetomidine

[ ]  Propofol

[ ]  Diazepam

[ ]  Barbital

[ ]  Ketamine

[ ]  Inhaled anesthetics

[ ]  Not specified

[ ]  Others (please specify):

1. In your institution, the first-choice sedative for children over 4 years old is:

[ ]  Chloral hydrate

[ ]  Dexmedetomidine

[ ]  Propofol

[ ]  Diazepam

[ ]  Barbital

[ ]  Ketamine

[ ]  Inhaled anesthetics

[ ]  Not specified

[ ]  Others (please specify):

1. In your institution, if sedation effect is not satisfactory after first-choice sedative, the rescue sedative for children under 1 year old is:

[ ]  Chloral hydrate

[ ]  Dexmedetomidine

[ ]  Propofol

[ ]  Diazepam

[ ]  Barbital

[ ]  Ketamine

[ ]  Inhaled anesthetics

[ ]  Not specified

[ ]  Others (please specify):

1. In your institution, if sedation effect is not satisfactory after first-choice sedative, the rescue sedative for children 1 to 4 years old is:

[ ]  Chloral hydrate

[ ]  Dexmedetomidine

[ ]  Propofol

[ ]  Diazepam

[ ]  Barbital

[ ]  Ketamine

[ ]  Inhaled anesthetics

[ ]  Not specified

[ ]  Others (please specify):

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[ ]  Diazepam

[ ]  Barbital

[ ]  Ketamine

[ ]  Inhaled anesthetics

[ ]  Not specified

[ ]  Others (please specify):