Supplementary Table 1. Survey Questionnaire
Intraoperative Cardiac Arrest: Facilities and Implementations – A Survey Study

1- Gender?

1- ( ) Female

2- ( ) Male

2- Age? ....

3- Title in the Department of Anaesthesiology and Reanimation?

1- ( ) Assistant

2- ( ) Specialist

3- ( ) Assistant Professor

4- ( ) Associate Professor

5- ( ) Professor

4- How long have you been specialized?

1- ( ) 1-5 years

2- ( ) 5-10 years

3- ( ) More than ten years

5- Which institution do you work for?

1- ( ) State University Hospital

2- ( ) Private University Hospital

3- ( ) State Hospital

4- ( ) Private Hospital

6- Which area of the hospital do you work in? (You may check more than one option)

1- ( ) Operating Room

2- ( ) Intensive Care

3- ( ) Algology

4- ( ) Outpatient Clinic

5- ( ) Emergency

6- ( ) Anaesthesia outside the operating room

7- ( ) Palliative Care Unit

7- What is your average monthly number of anaesthesia procedures in your institution? ....

8- Do you follow the cardiopulmonary resuscitation (CPR) guidelines and updates?

1- ( ) Yes

2- ( ) No

9- Have you received training related to CPR before?

1- ( ) Yes

2- ( ) No

10- If you received CPR training, when was the last time you received it?

1- ( ) Within one year

2- ( ) 1-5 years

3- ( ) 5-10 years

11- What type of training did you receive?

1- ( ) ERC

2- ( ) AHA

3- ( ) Ministry of Health

4- ( ) Institution/On-the-job

5- ( ) Other. Please specify ......

12- Did the training include a specific section on cardiac arrest/perioperative arrest in the operating room?

1- ( ) Yes

2- ( ) No

13- During your professional practice, have you encountered a case of cardiac arrest (CA) in the operating room?

1- ( ) Yes, one case

2- ( ) Yes, multiple cases

3- ( ) No

14- In the past year, have you encountered a case of CA during anaesthesia in the operating room/outside the operating room?

1- ( ) Yes, one case

2- ( ) Yes, multiple cases

3- ( ) No

15- In which area of the operating room did the cardiac arrest case occur? (You may check more than one option)

1- ( ) Preoperative preparation/waiting area

2- ( ) Operating Room

3- ( ) Anaesthesia outside the operating room

4- ( ) PACU/Recovery Unit

16- What was the age group of the intraoperative cardiac arrest cases you witnessed? (You may check more than one option)

1- ( ) Pediatric (0-18)

2- ( ) Adult (18-65)

3- ( ) Geriatric (over 65)

17- What was the time during which the arrest occurred? (You may check more than one option)

1- ( ) During working hours

2- ( ) During night shift

3- ( ) Weekend/public holiday shift

18- At which stage of anaesthesia did the cardiac arrest occur? (You may check more than one option)

1- ( ) Induction

2- ( ) Maintenance

3- ( ) Extubation

4- ( ) Recovery

19- What type of anaesthesia was used for your cardiac arrest case? (You may check more than one option)

1- ( ) Sedation

2- ( ) General anaesthesia

3- ( ) Spinal

4- ( ) Epidural

5- ( ) Combined

6- ( ) Peripheral block

20- Is there a specific person/team you can call in your institution if an intraoperative arrest occurs?

1- ( ) Yes

2- ( ) No

3- ( ) I do not know

21- If your answer is 'yes,' is there a specific phone number or call method you use for this purpose?

1- ( ) A designated fixed number

2- ( ) Blue code is activated

3- ( ) An emergency help button is used

4- ( ) A specific number via mobile phone

5- ( ) No designated number

6- ( ) I do not know

22- Who is generally the leader of the team managing CPR in a cardiac arrest case?

1- ( ) Anaesthesia faculty member/specialist

2- ( ) Surgeon

3- ( ) Other. Please specify......

23- Do you have an early warning system in your operating room?

1- ( ) Yes

2- ( ) No

3- ( ) I do not know

24- Do you use a specific intraoperative arrest algorithm?

1- ( ) Yes

2- ( ) No

3- ( ) I do not know

25- If your answer is 'yes,' which algorithm do you use?

1- ( ) ERC

2- ( ) AHA

3- ( ) Other. Please specify......

4- ( ) I do not know

26- Are these algorithms available as printed guidelines in the operating room?

1- ( ) Yes

2- ( ) No

3- ( ) I do not know

27- How many operating rooms have a defibrillator available?..................

28- Is there a defibrillator in your recovery room?

1- ( ) Yes

2- ( ) No

3- ( ) I do not know

29- In the case of a cardiac arrest during anaesthesia outside the operating room, how long does it typically take for the defibrillator to reach the desired area?

1- ( ) Less than 1 minute

2- ( ) 1-3 minutes

3- ( ) 3-5 minutes

4- ( ) More than 5 minutes

30- Are adhesive pads available for cardioversion/ defibrillation applications in the operating room/areas outside the operating room?

1- ( ) Yes

2- ( ) No

3- ( ) I do not know

31- Do the defibrillators you use have pacing capabilities?

1- ( ) Yes

2- ( ) No

3- ( ) I do not know

32- Can you perform E-CPR/ECMO during CPR for cardiac arrest cases in the operating room/areas outside the operating room?

1- ( ) Yes

2- ( ) No

3- ( ) I do not know

33- After experiencing a cardiac arrest in the operating room, do you have the opportunity to conduct a debriefing/discussion of the incident?

1- ( ) Yes

2- ( ) No

3- ( ) I do not know

34- What is the most common suspected/identified cause of intraoperative cardiac arrest cases you have encountered? (If you remember multiple cases, you may check more than one cause)

1- ( ) Hypoxia

2- ( ) Hypothermia

3- ( ) Anaphylaxis

4- ( ) Hypovolemia/bleeding

5- ( ) Hypo/hyperkalemia

6- ( ) Pulmonary embolism

7- ( ) Malignant hyperthermia

8- ( ) Pneumothorax

9- ( ) Myocardial infarction

10- ( ) Surgical complication

11- ( ) Local anaesthesia toxicity

12- ( ) Other ....

35- Does your institution's ICU apply targeted temperature management for patients who have regained spontaneous circulation after a cardiac arrest?

1- ( ) Yes

2- ( ) No

3- ( ) I do not know

36- How did the cases end? (If you remember multiple cases, you may check more than one option)

1- ( ) Death in the operating room

2- ( ) Admission to intensive care and discharge without sequelae

3- ( ) Admission to intensive care and discharge with morbidity

4- ( ) Death after admission to intensive care