

## Glasgow Clinical Trials Unit Standard Operating Procedure

SOP number	<b>58.002</b>	Version	<b>3.0</b>
Title	<b>CRIF QEUH Paediatric Emergency Resuscitation Procedures</b>		

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SOP category	58 NHS GG&C Clinical Research Imaging Facility				
Staff category	<b>Staff Category</b>	<b>R</b>	<b>A</b>	<b>C</b>	<b>I</b>
	Clinical Research Imaging Facility (CRIF) staff		X		
	Radiologists	X			
	Principal Investigator	X			
	Clinical Research Fellow	X			
	Clinical Physicist	X			
CRIF Authorised Users	X				

### 1. Scope

This procedure applies to all staff working within Glasgow Clinical Research Imaging Facility (CRIF).

### 2. Purpose

The purpose of this Standard Operating Procedure (SOP) is to define the responsibilities and procedure to be followed for the emergency resuscitation of a child in the Clinical Research Imaging Facility (CRIF), Queen Elizabeth University Hospital (QEIH).

### 3. Procedures

All imaging staff must familiarise themselves with the location and content of the Emergency Trolleys and the location of the emergency drugs and telephones in all clinical areas. For paediatric examinations a minimum of 4 CRIF staff will be present in the department.

#### 3.1. Emergency Trolley

CRIF has a fully stocked and maintained emergency trolley located in the MRI unit, ground floor, Institute of Neurosciences (IoN). The Paediatric Resuscitation Team will bring paediatric resuscitation equipment including MRX defibrillator in the event of an emergency.

#### 3.2. Designation of roles

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Authorised person scanning at the time of the incident will be designated lead and will be in charge of coordinating the imaging team members until the resus team arrives. This includes coordinating who is responsible for call for emergency team, evacuation of the child and facilitation of entry to the unit for the emergency response team.

### 3.3. Resuscitation - Immediate Response

In the event of a clinical emergency:

- Immediately call out for help and dial 2222.
- State emergency team required (Paediatric Resus Team)
- State exact location, including hospital site as stated on red labels by telephones in control room
- Break glass on all emergency door release points to allow access
- Concurrently the second authorised person will evacuate the child
- If the emergency is in the magnet room, immediately remove the participant from the scanner using the available MRI compatible trolley and Patslide and lock the MRI scan room door. Only then can resuscitation safely commence in the foyer of the research MRI facility
- Ensure personal safety – observe for sharps, body fluid spillage and electrical equipment in operation.

**Follow Paediatric Life Support algorithm (appendix 1 Paediatric Advanced Life Support; appendix 2 Paediatric Basic Life Support)**

### 3.4. Enable emergency support services

For all areas:

- Ensure all door entry systems are disabled to allow resuscitation team access.
- A member of the imaging team should direct the resuscitation team to the clinical situation.
- Ensure safety of other participants or visitors and remove them from area wherever possible.

### 3.5. Arrival of resuscitation team

- Imaging team should continue to support the resuscitation following arrival of the resuscitation team.
- The resuscitation team should be given a clear verbal history including nature of the research study and patient's medical condition by the Imaging team lead.
- Health Records should be available electronically; if not they should be located as soon as possible.
- Research study documentation should be present at any participant visit; if not present they should be located as soon as possible.
- The Principal Investigator or appropriate research nurse, if not present, should be notified as soon as possible about the event.
- A senior member of CRIF team should be notified as soon as possible about the event, if not already involved.
- Where possible, the radiographer or doctor must ensure the next of kin is contacted as soon as possible. If the next of kin is present at the time of the incident, they should be kept informed and supported by imaging team.

### 3.6. Participant transfer

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Transfer from the CRIF will be directed by the resuscitation team to an acute setting. The attending medical staff/PI/research nurse will provide relevant clinical and research handover on transfer.

### 3.7. Documentation

The attending medical staff must clearly record the events associated with the clinical emergency in the participant's health records as soon as possible after the event.

Imaging research staff:

- Must record event in NHS Datix System
- Complete all relevant study documentation
- Inform GCRF QA Lead of the event
- Complete NHS GG&C Resuscitation Form – scan top copy into participant's health record and send carbon copy to site Resuscitation Officer.

## 4. Referenced documents

- Resuscitation Council (UK) Life Support Algorithm
- NHS GG&C Resuscitation Treatment Record

## 5. Related documents

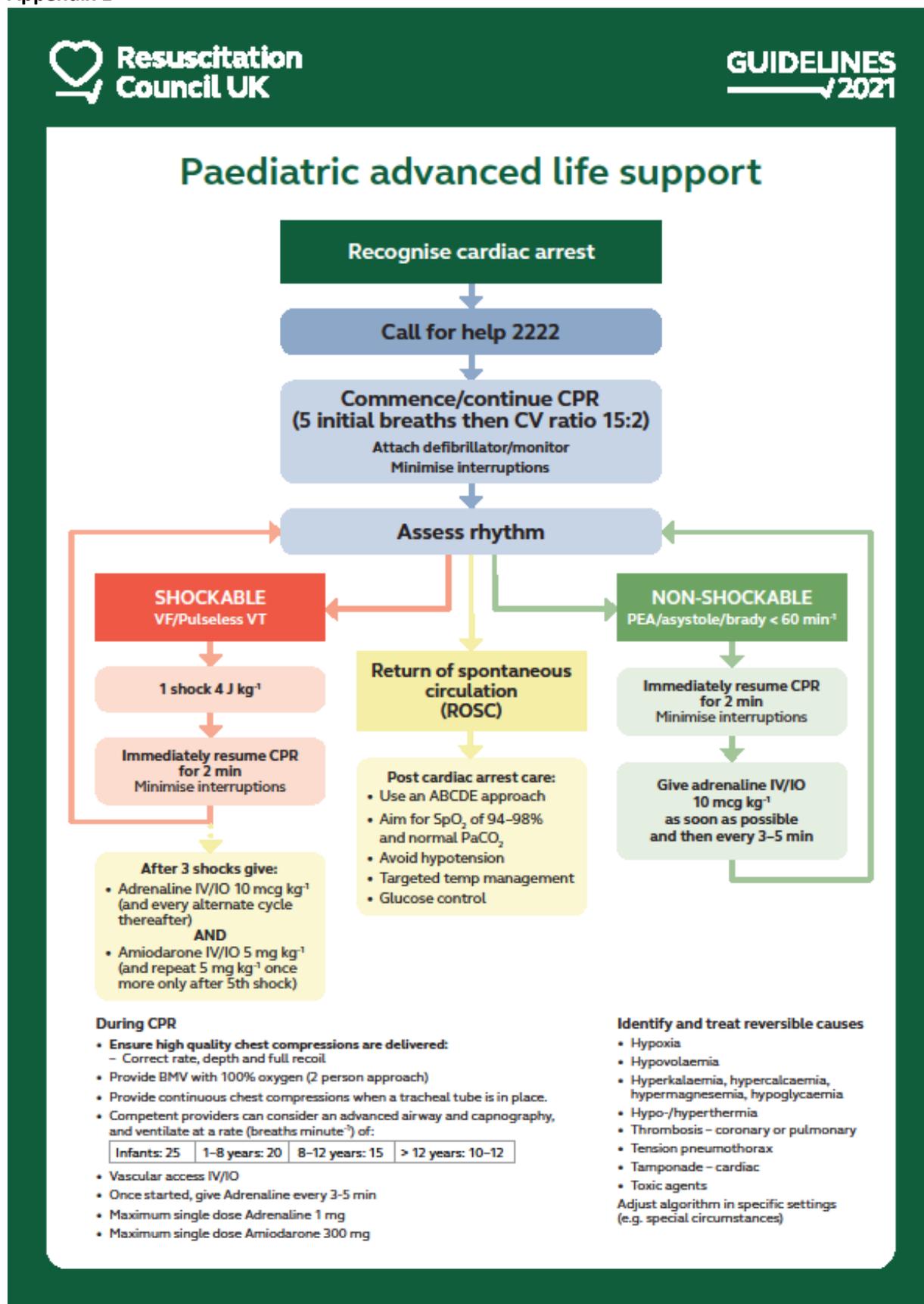
- Form 58.001A – CRIF Emergency Trolley Checklist
- Form 58.001B – CRIF Emergency Trolley Signoff
- GUI 17.001A – Emergency Trolley Checks
- Resuscitation Council (UK) Guidelines
- NHS Greater Glasgow & Clyde Resuscitation Policies

## 6. Document history

Version	Date	Description
1.0	17/10/16	First release
2.0	13/01/2020	Updated to include staff category: University of Glasgow staff/students. Use of 'participant' in place of 'patient'
3.0	23/11/2023	Update to SOP template v2.0 Addition of RACI matrix Update algorithms

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Appendix 1



Appendix 2

