



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)
<b>Emergency Medical Services (EMS) agency</b>								
<b>Mode of transport</b>	1	Patient brought in by		single	number	1	EMS	
						2	Non-EMS	
	1	If 'Non-EMS', please specify		single	number	1	Private ambulance	
						2	Own/private transport	
						3	Public transport	
<b>Incident Information</b>	2	Date of incident		-	Date	-	dd/mm/yyyy 'd' = date 'm' = month 'y' = year	
	3	Location of incident (optional)		single	number		6-digit Zip/Postal code	
						999999	Unknown	
	4	Location type		single	number	1	Home residence	
						2	Healthcare facility	
						3	Public/commercial building	
						4	Nursing home	
						5	Street/highway	
						6	Industrial place	
						7	Transport center	
						8	Place of recreation	
						9	In EMS/Private ambulance	
	50	Other						
	5	Date of birth		-	date	-	dd/mm/yyyy 'd' = date 'm' = month 'y' = year	
		Age					number	Days Months Years
6	Gender		single	number	1	Male		
					2	Female		



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)
Incident Information	7	Race (Optional)		single	number	1	Chinese	
						2	Malay	
						3	Indian	
						4	Eurasian	
						50	Other	
	8	Medical History		multiple	number	1	No	
						99	Unknown	
						3	Heart disease	
						4	Diabetes	
						5	Cancer	
						6	Hypertension	
						7	Renal disease	
						8	Respiratory disease	
						9	Hyperlipidemia	
						10	Stroke	
						11	HIV	
						50	Other	



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)
<b>Dispatch Information (Not Applicable to Non-EMS case)</b>	9	Time call received at dispatch center		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	
	10	Time First responder dispatched		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	
	11	Time Ambulance dispatched		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	
	12	Time First responder arrived at scene		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	
	13*	Time Ambulance arrived at scene		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	
	14*	Time EMS arrived at patient side		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	
	15	Time Ambulance left scene		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	
	16	Time Ambulance arrived at ED		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	

\* Each country would declare whether #13 and/or #14 would be core to them and they will be bound by this expectation.



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)
Pre-hospital Event and Resuscitation Information	17	Estimated time of arrest		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	
						999999	Unknown	
	18	Arrest witnessed by		single	number	1	Not witnessed	
						2	EMS/Private ambulance	
						3	Bystander - healthcare provider	
						4	Bystander - lay person	
						5	Bystander - family	
	19	Bystander CPR		single	number	1	Yes	
						2	No	
	20	First CPR initiated by		single	number	1	No CPR initiated	
						2	First responder	
						3	Ambulance crew	
						4	Bystander - healthcare provider	
						5	Bystander - lay person	
						6	Bystander - family	
						99	Unknown	
	21	Bystander AED applied		single	number	1	Yes	
						2	No	
	22	Resuscitation attempted by EMS/Private ambulance		single	number	1	Yes	
						2	No	



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)	
Pre-hospital Event and Resuscitation Information	23	First arrest rhythm		single	number	1	VF		
						2	VT		
						3	PEA		
						4	Asystole		
						5	unknown shockable rhythm		
						6	unknown unshockable rhythm		
						99	unknown		
	24	Time CPR started by EMS/Private ambulance		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second		
						999999	Unknown		
	25	Time AED applied by EMS/Private ambulance		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second		
						999999	Unknown		
	26	Pre-hospital defibrillation		single	number	1	Yes		
						2	No		
	26	If 'Yes', time of first shock given		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second		
						999999	Unknown		
	27	Defibrillation performed by			multiple	number	1	First responder	
							2	Ambulance crew	
3							Bystander - healthcare provider		
4							Bystander - lay person		
5							Bystander - family		



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)	
Pre-hospital Event and Resuscitation Information	28	Mechanical CPR device used by EMS/Private ambulance		single	number	1	Yes		
						2	No		
	If 'Yes', please specify				single	number	1	Load distributing band	
							2	Active compression decompression	
							3	Mechanical piston	
							50	Other	
	29	Advanced airway used by EMS/Private ambulance		single	number	1	Yes		
						2	No		
	If 'Yes', please specify			single	number	1	Oral/nasal ET		
						2	Combitube		
						3	LMA		
						4	King airway		
						50	Other		
	30	Drug administered by EMS/Private ambulance		single	number	1	Yes		
						2	No		
If 'Yes', please specify			multiple	number	1	Epinephrine			
					2	Atropine			
					3	Amiodarone			
					4	Bicarbonate			
					5	Lidocaine			
					6	Dextrose			
50	Other								



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)
Pre-hospital Event and Resuscitation Information	31	Return of spontaneous circulation at scene/en-route		single	number	1	Yes	
						2	No	
	31	If 'Yes', specify time		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	
						999999	unknown	
	32	CPR discontinued at scene/en-route		single	number	1	Yes	
						2	No	
		If 'Yes', please specify		single	number	1	DNAR	
						2	ROSC	
						3	Medical control order	
4						Obvious signs of death		
5	Protocol / policy requirements completed							



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)	
Disposition	33	Final status at scene		single	number	1	Conveyed to ED		
						2	Pronounced dead at scene		
	34 <sup>†</sup>	Cause of arrest		single	number	1	Trauma		
						2	Non-trauma		
		If 'non-trauma', please specify			single	number	1	Presumed cardiac etiology	
							2	Respiratory	
							3	Electrocution	
							4	Drowning	
	50	Other							
	35	Level of destination hospital		single	number	1	Tertiary		
						2	Community		
	36	Destination hospital (List to be provided by country representatives)		single	number	1			
						2			
						3			
						4			
						5			
						6			
7									
8									
37	Patient's status at ED arrival		single	number	1	ROSC			
					2	Ongoing resuscitation			
					3	Transported without resuscitation			

<sup>†</sup> To be filled in only if the case is pronounced dead at scene by EMS (i.e. variable #33).





Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)
<b>HOSPITAL [EMERGENCY DEPARTMENT (ED)]</b>								
<b>ED Resuscitation</b>	38	Date of arrival at ED		-	date	-	dd/mm/yyyy 'd' = date 'm' = month 'y' = year	
	39	Time of arrival at ED		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	
	40	Patient status on arrival at ED - Pulse		single	number	1	Yes	
		Patient status on arrival at ED - Breathing				2	No	
	41	Cardiac rhythm on arrival at ED		single	number	1	VF	
						2	VT	
						3	PEA	
						4	Asystole	
	42	ED defibrillation performed		single	number	1	Yes	
						2	No	
	43	Mechanical CPR device used at ED		single	number	1	Yes	
						2	No	
		If 'Yes', please specify		single	number	1	Load distributing band	
						2	Active compression decompression	
						3	Mechanical piston	
						50	Other	



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)		
ED Resuscitation	44	Advanced airway used at ED		single	number	1	Yes			
						2	No			
	44	If 'Yes', please specify			single	number	1	Oral/nasal ET		
							2	Combitube		
							3	LMA		
							4	King airway		
							50	Other		
	45	Drug administered at ED			single	number	1	Yes		
							2	No		
		45	If 'Yes', please specify			multiple	number	1	Epinephrine	
								2	Atropine	
								3	Amiodarone	
								4	Bicarbonate	
								5	Lidocaine	
	6	Dextrose								
	50	Other								
	46	Return of spontaneous circulation at ED			single	number	1	Yes		
							2	No		
		3	NA							
	46	If 'Yes', specify time			-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second		
999999							unknown			
47	Emergency PCI performed			single	number	1	Yes			
						2	No			
48	Emergency CABG performed			single	number	1	Yes			
						2	No			
49	Hypothermia therapy initiated			single	number	1	Yes			
						2	No			
50	ECMO therapy initiated			single	number	1	Yes			
						2	No			



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)	
ED Resuscitation	51	Cause of arrest		single	number	1	Trauma		
						2	Non-trauma		
	51	If 'non-trauma', please specify			single	number	1	Presumed cardiac etiology	
							2	Respiratory	
							3	Electrocution	
							4	Drowning	
							50	Other	
	52	Reason for discontinuing CPR at ED			single	number	1	Death	
							2	DNAR	
							3	ROSC	
							4	ECMO therapy	
	53	Outcome of patient			single	number	1	Admitted	
2							Transferred to another hospital		
3							Died in ED		
99							unknown		
Hospital Outcome	54	Patient status		single	number	1	Discharged alive		
						2	Remains in hospital at 30th day post arrest		
						3	Died in hospital		
	55	Date of discharge or death		-	date	-	dd/mm/yyyy 'd' = date 'm' = month 'y' = year		
	56	Patient neurological status on discharge or at 30 <sup>th</sup> day post arrest			-	number	-	CPC (1-5)	
							-	OPC (1-5)	
							99	unknown	



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)
Patient's Health and Quality of Life	57	EQ-5D Health Dimensions - Mobility		single	number	1	No problem	
						2	Some problems	
						3	Confined to bed	
	58	EQ-5D Health Dimensions - Self-care		single	number	1	No problem	
						2	Some problems	
						3	Unable to wash or dress	
	59	EQ-5D Health Dimensions - Usual activities		single	number	1	No problem	
						2	Some problems	
						3	Unable to perform	
	60	EQ-5D Health Dimensions – Pain /discomfort		single	number	1	None	
						2	Moderate	
						3	Extreme	
	61	EQ-5D Health Dimensions - Anxiety / depression		single	number	1	None	
						2	Moderate	
3						Extreme		
62	EQ-5D Visual Analog Scale (VAS)		-	number	-	3-digit number (001-100)		
If #57 to #62 is not available			-	-	number	99	Unknown	



**LIST OF PAROS CRN VARIABLES (CORE & NON-CORE)**

S/N	Variable	Core	Non-Core
<b>Emergency Medical Services (EMS) agency</b>			
1	Mode of transport	●	
2	Date of incident	●	
3	Location of incident ( <i>optional</i> )		●
4	Location type		●
5	Date of birth / Age	●	
6	Gender	●	
7	Race ( <i>optional</i> )		●
8	Medical history		●
9	Time call received at dispatch centre	●	
10	Time first responder dispatched		●
11	Time ambulance dispatched		●
12	Time first responder arrived at scene		●
13	Time ambulance arrived at scene	● <sup>‡</sup>	
14	Time EMS arrived at patient side	● <sup>‡</sup>	
15	Time ambulance left scene	●	
16	Time ambulance arrived at ED	●	
17	Estimated time of arrest		●
18	Arrest witnessed by	●	
19	Bystander CPR	●	
20	First CPR initiated by		●
21	Bystander AED applied		●
22	Resuscitation attempted by EMS / Private ambulance	●	
23	First arrest rhythm	●	
24	Time CPR started by EMS / Private ambulance		●
25	Time AED applied by EMS / Private ambulance		●
26	Pre-hospital defibrillation	●	
27	Defibrillation performed by		●
28	Mechanical CPR device used by EMS / Private ambulance		●
29	Advanced airway used by EMS / Private ambulance		●
30	Drug administered by EMS / Private ambulance		●
31	Return of spontaneous circulation at scene / en-route	●	
32	CPR discontinued at scene / en-route		●
33	Final status at scene	●	
34	Cause of arrest ( <i>only for cases pronounced dead at scene by EMS</i> )	●	
35	Level of destination hospital		●
36	Destination hospital		●
37	Patient's status at ED arrival	●	

<sup>‡</sup>Each country would declare whether #13 and/or #14 would be core to them and they will be bound by this expectation.



S/N	Variable	Core	Non-Core
<b>Hospital [Emergency Department (ED)]</b>			
38	Date of arrival at ED	●	
39	Time of arrival at ED		●
40	Patient status on arrival at ED - Pulse and/or Breathing		●
41	Cardiac rhythm on arrival at ED		●
42	ED defibrillation performed		●
43	Mechanical CPR device used at ED		●
44	Advanced airway used at ED		●
45	Drug administered at ED		●
46	Return of spontaneous circulation at ED	●	
47	Emergency PCI performed		●
48	Emergency CABG performed		●
49	Hypothermia therapy initiated		●
50	ECMO therapy initiated		●
51	Cause of arrest	●	
52	Reason for discontinuing CPR at ED		●
53	Outcome of patient	●	
54	Patient status	●	
55	Date of discharge or death		●
56	Patient neurological status on discharge or at 30th day post-arrest		●
57	EQ-5D Health Dimensions - Mobility		●
58	EQ-5D Health Dimensions - Self-care		●
59	EQ-5D Health Dimensions - Usual activities		●
60	EQ-5D Health Dimensions - Pain/discomfort		●
61	EQ-5D Health Dimensions - Anxiety/depression		●
62	EQ-5D Visual Analog Scale (VAS)		●