

Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)
Emergency Med	lical Se	ervices (EMS) agency						
		Patient brought in by		single	number	1	EMS	
Mode of		Fatient brought in by		0		2	Non-EMS	
transport	1	If 'Non-EMS', please				1	Private ambulance	
transport		specify		single	number	2	Own/private transport	
		specify				3	Public transport	
	2	Date of incident		-	Date	-	dd/mm/yyyy 'd' = date 'm' = month 'y' = year	
	2	Location of incident			number		6-digit Zip/Postal code	
	3	(optional)		single	number	999999	Unknown	
						1	Home residence	
						2	Healthcare facility	
						3	Public/commercial building	
						4	Nursing home	
		Leasting true		ain al a	in the hear	5	Street/highway	
	4	Location type		single	number	6	Industrial place	
Incident						7	Transport center	
Information						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	
						1	Male	
	6	Gender		single	number	2	Female	



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)
						1	Chinese	
						2	Malay	
	7	Race (Optional)		single	number	3	Indian	
						4	Eurasian	
						50	Other	
						1	No	
						99	Unknown	
Incident						3	Heart disease	
Information						4	Diabetes	
mormation						5	Cancer	
	8	Medical History		multiple	number	6	Hypertension	
	0	wedical history		multiple	number	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)
	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	
Dispatch Information	12	Time First responder arrived at scene		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second	
(Not Applicable to Non-EMS case)	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)			
	17	Estimated time of arrest		-	time	- 999999	hh:mm:ss 'h' = hour 'm' = minute 's' = second Unknown				
						1	Not witnessed				
						2	EMS/Private ambulance				
	18	Arrest witnessed by		single	number	3	Bystander - healthcare provider				
						4	Bystander - lay person				
						5	Bystander - family				
Pre-hospital	19	19 Bystander CPR		single	number	1	Yes				
Event and	15	Bystander er n		Single	number	2	No				
Resuscitation						1	No CPR initiated				
Information						2	First responder				
		First CPR initiated by				3	Ambulance crew				
	20			single	number	4	Bystander - healthcare provider				
						5	Bystander - lay person	v Ithcare provider Derson			
						6	Bystander - family				
						99	Unknown				
	21	Bystander AED applied		single	number	1	Yes				
				-		2	No				
	22	Resuscitation attempted		ماسعام		1	Yes				
	22	by EMS/Private ambulance		single	number	2	No				



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)	
						1	VF		
						2	VT		
		First arrest rhythm				3	PEA		
	23	Flist allest Highlin		single	number	4	Asystole		
						5	unknown shockable rhythm		
						6	unknown unshockable rhythm		
						99	unknown		
							hh:mm:ss 'h' = hour		
	24	Time CPR started by		-	time	-	'm' = minute		
	- ·	EMS/Private ambulance			ciffe		's' = second		
						999999	Unknown	Yes (Y) or No (N)	
Pre-hospital Event and		Time AED applied by				-	hh:mm:ss 'h' = hour 'm' = minute		
Resuscitation	25	EMS/Private ambulance		-	time		's' = second		
Information						999999	Unknown		
		Pre-hospital		ain al a		1	Yes		
		defibrillation		single	number	2	No		
							hh:mm:ss		
	26	If 'Yes', time of first				-	'h' = hour	Yes (Y) or No (N)	
		shock given		-	time		'm' = minute		
		Shook Bren					's' = second		
						999999	Unknown		
						1	First responder		
		Defibrillation performed				2	Ambulance crew		
	27	by		multiple	number		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)
		Mechanical CPR device used by EMS/Private		single	number	1	Yes	
		ambulance		Single	number	2	No	
	28					1	Load distributing band	
	20	If 'Yes', please specify		single	number	2	Active compression decompression	
						3	Mechanical piston	
						50	Other	
		Advanced airway used by		single	number	1	Yes	
		EMS/Private ambulance				2	No	
Pre-hospital						1	Oral/nasal ET	
Event and	29					2	Combitube	
Resuscitation		If 'Yes', please specify		single	number	3	LMA	
Information						4	King airway	
						50	Other	
		Drug administered by		single	number	1	Yes	
		EMS/Private ambulance		Single	number	2	No	
						1	Epinephrine	
						2	Atropine	
	30					3	Amiodarone	
		If 'Yes', please specify		multiple	number	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)		
		Return of spontaneous				1	Yes			
		circulation at scene/en- route		single	number	2	No			
Pre-hospital	31	If 'Yes', specify time		-	time	-	hh:mm:ss 'h' = hour 'm' = minute 's' = second			
Event and						999999	unknown			
Resuscitation		CPR discontinued at		single	number	1	Yes			
Information		scene/en-route		0		2	No			
						1	DNAR			
	32					2	ROSC			
		If 'Yes', please specify		single	number	3	Medical control order			
				Single	indifiber	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)	
	33	Final status at scene		singlo	number	1	Conveyed to ED		
	55	Fillal status at scelle		single	number	2	Pronounced dead at scene		
		Cause of arrest		single	number	1	Trauma		
				Single	number	2	Non-trauma		
						1	Presumed cardiac etiology		
	34 ⁺	If 'non-trauma', please				2	Respiratory		
		specify		single	number	3	Electrocution		
		speeny				4	Drowning		
						50	Other		
	35	Level of destination		single	number	1	Tertiary		
	33	hospital		Single	number	2	Community		
Disposition					-	1			
						2			
		Destination hospital				3			
	36	(List to be provided by		single	number	4			
	30	country representatives)		Single	number	5			
						6			
						7			
						8			
		Patient's status at ED				1	ROSC		
	37	arrival		single	number	2	Ongoing resuscitation		
	57	arrival		Single	e number -	3	Transported without		
						5	resuscitation		

⁺ 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)
HOSPITAL [EMERGI	ENCY D	EPARTMENT (ED)]						
	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	
		Patient status on arrival				1	Yes	
	40	at ED - Pulse				2	No	
	40	Patient status on arrival		single	number	1	Yes	
		at ED - Breathing				2	No	
						1	VF	
ED Resuscitation		Cardiac rhythm on arrival			number	2	VT	
	41			single		3	PEA	
	41	at ED		Single	number	4	Asystole	
						5	Sinus and other perfusing rhythm	
	42	ED defibrillation		single	number	1	Yes	
	42	performed		Single	number	2	No	
		Mechanical CPR device		e in el e	in the later	1	Yes	
		used at ED		single	number	2	No	
						1	Load distributing band	
	43	If 'Yes', please specify		single	number	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)
		Advanced airway used at		single	number	1	Yes	
		ED		Single	number	2	No	
						1	Oral/nasal ET	
	44					2	Combitube	
		If 'Yes', please specify		single	number	3	LMA	
						4	King airway	
						50	Other	
		Drug administered at ED		single	number	1	Yes	
		Diug administered at ED		single	number	2	No	
						1	Epinephrine	
						2	Atropine	
	45					3	Amiodarone	
		If 'Yes', please specify		multiple	number	4	Bicarbonate	
						5	Lidocaine	
						6	Dextrose	
ED Resuscitation						50	Other	
ED RESUSCITATION		Return of spontaneous				1	Yes	
		circulation at ED		single	number	2	No	
						3	NA	
	46						hh:mm:ss	
	40						'h' = hour	
		If 'Yes', specify time		-	time	-	'm' = minute	
							's' = second	
						999999	unknown	
	47	Emergency PCI		single	number	1	Yes	
	47	performed		Single	number	2	No	
	48	Emergency CABG		singlo	number	1	Yes	
	40	performed		single	number	2	No	
	49	Hypothermia therapy		singlo	number	1	Yes	
	49	initiated		single	number	2	No	
	50	ECMO therapy initiated		singlo	number	1	Yes	
50	50	ECIVIC therapy initiated		single	number	2	No	



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



Section	No	Variable	Variable Available? Yes (Y) or No (N)	Choice	Code type	Code	Option	Option Available? Yes (Y) or No (N)
		FO FD Uselth				1	No problem	
	57	EQ-5D Health Dimensions - Mobility		single	number	2	Some problems	
		Dimensions - Mobility				3	Confined to bed	
		EQ-5D Health				1	No problem	
	58	Dimensions - Self-care		single	number	2	Some problems	
		Dimensions - Sen-care				3	Unable to wash or dress	
	59	EQ-5D Health				1	No problem	
Detionale Linelah		Dimensions - Usual		single	number	2	Some problems	
Patient's Health		activities				3	Unable to perform	
and Quality of Life		EQ-5D Health		single	number	1	None	
Life	60	Dimensions – Pain				2	Moderate	
		/discomfort				3	Extreme	
		EQ-5D Health				1	None	
	61	Dimensions - Anxiety /		single	number	2	Moderate	
		depression				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
	Emergency Medical Services (EMS) agency	·	
1	Mode of transport	•	
2	Date of incident	•	
3	Location of incident (optional)		•
4	Location type		•
5	Date of birth / Age	•	
6	Gender	•	
7	Race (optional)		•
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	• [‡]	
14	Time EMS arrived at patient side	• [‡]	
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 (only for cases pronounced dead at scene by EMS)	•	
35	Level of destination hospital		•
36	Destination hospital		•
37	Patient's status at ED arrival	•	

[‡]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
	Hospital [Emergency Department (ED)]		
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)		•