



# CASE REPORT FORM THE ELVIS PROJECT

VERSION 1.0

09/05/2017

Patient reference ID	
MRN	
SURNAME	
FIRST NAME	
Date of presentation to ED	

*This page contains patient identifiers for the sole purpose of assisting local project coordinators identify the correct patient*

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THE CRF TO THE RESEARCHERS**

<b>ED variables to collect</b>			
<b>Patient demographics</b>			
<b>Data variable #</b>	<b>Data variable name</b>	<b>Data variable categories or values</b>	<b>Result - text +/- numerical value</b>
1	Age	Numerical free text	
2	Gender	1 = M 2 = F	
3	Height	Numerical free text	
4	Weight	Numerical free text	
5	BMI	Excel formula	
6	IBW	Excel formula	
7	Presenting complaint	Free text	
8	Obs within 1st 15 mins: HR	Numerical free text	
9	Obs within 1st 15 mins: SBP	Numerical free text	
10	Obs within 1st 15 mins: RR	Numerical free text	
11	Obs within 1st 15 mins: SpO2	Numerical free text	
12	Supplemental O2	Litres	
13	Obs within 1st 15 mins: GCS	Numerical free text	
14	GCS breakdown	E,V,M values	
15	Date and time at triage	24hr clock	
<b>Intubation</b>			
16	Date and time of induction	24 hr clock	

17	Indication for intubation	<ul style="list-style-type: none"> <li>1 = Head injury – reduced LOC</li> <li>2 = Respiratory failure</li> <li>3 = Altered mental status – not overdose</li> <li>4 = Head injury – airway not patent</li> <li>5 = Airway obstruction</li> <li>6 = Overdose / ingestion</li> <li>7 = Neck / facial trauma</li> <li>8 = Anaphylaxis</li> <li>9 = Cardiac arrest</li> <li>10 = Burn / inhalation</li> <li>11 = Cardiac failure</li> <li>12 = Drowning</li> <li>13 = Sepsis</li> <li>14 = Chest trauma</li> <li>15 = GI bleed</li> <li>16 = Shock</li> <li>17 = Seizure</li> <li>18 = Traumatic cardiac arrest</li> <li>19 = ICH/stroke</li> </ul>	
18	RSI anaesthetic drug used	<ul style="list-style-type: none"> <li>1 = ketamine</li> <li>2 = propofol</li> <li>3 = thiopentone</li> <li>4 = other</li> <li>5 = nil</li> </ul>	
19	RSI anaesthetic dose used	Numerical free text	
20	RSI co-induction agent used	<ul style="list-style-type: none"> <li>1 = ketamine</li> <li>2 = fentanyl</li> <li>3 = midazolam</li> </ul>	
21	RSI co-induction agent dose	Numerical free text	
22	RSI NMDB used	<ul style="list-style-type: none"> <li>1 = suxamethonium</li> <li>2 = rocuronium</li> <li>3 = vecuronium</li> <li>4 = other</li> <li>5 = nil</li> </ul>	

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23	RSI NMDB dose	Numerical free text	
24	Sedation infusion	1 = propofol only 2 = propofol and fentanyl 3 = morphine and midazolam 4 = other 5 = nil	
25	secondary paralysis	Yes or no	
26	Date and time of intubation	24 hr clock	
27	Time to intubation	Excel formula	
<b>Ventilation</b>			
<b>Initial ED vent settings</b>			
28	Mode	1 = SIMV 2 = CMV 3 = PS 4 = CPAP	
29	FiO2	%	
30	Rate	Numerical free text	
31	TV	Raw data	
32	TV	ml/kg (excel calculate from IBW)	
33	PEEP	Numerical free text	
34	Pawp	Numerical free text	
35	SpO2	Numerical free text	
36	ETCO2	Numerical free text	
<b>Last ED vent settings</b>			

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37	Mode	1 = SIMV 2 = CMV 3 = PS 4 = CPAP	
38	FiO2	%	
39	Rate	Numerical free text	
40	TV	Raw data	
41	TV	ml/kg (excel calculate from IBW)	
42	PEEP	Numerical free text	
43	Pawp	Numerical free text	
44	SpO2	Numerical free text	
45	ETCO2	Numerical free text	
46	Compliance (ml/cmH2O)	Excel formula	Murray Score component
47	ABG results: pre intubation	FiO2 pH pO2 pCO2 HCO3 BE lactate PaO2:FiO2	Indicate VBG or ABG

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48	ABG results: post intubation	FiO2 pH pO2 pCO2 HCO3 BE lactate PaO2:FiO2	Indicate VBG or ABG
49	Initial imaging: CT	Free text	
50	Initial imaging: US	Free text	
51	Initial imaging: CXR	Free text	
<b>ELVIS PROTOCOL DATA</b>			
52	Protocol used	1 = Yes 2 = No	
53	Exclusion criteria met	1 = Yes 2 = No	
54	Exclusion reason	Free text	
55	IBW accurately calculated	1 = Yes 2 = No	
56	Ventilation target set	1 = Yes 2 = No	
57	Ventilation target reached	1 = Yes 2 = No	
58	Oxygenation target set	1 = Yes 2 = No	
59	Oxygenation target reached	1 = Yes 2 = No	

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60	Plateau pressure <30cmH2O	1 = Yes 2 = No 3 = Not checked	
<b>ICU variables</b>			
61	Date and time of ED departure	24 hr clock	
62	Date and time of ICU admission	24 hr clock	
<b>Severity scoring</b>			
63	APACHE score	Numerical free text	
64	SAP score	Numerical free text	
65	SOFA score	Numerical free text	
<b>Day 1 - Ventilation variables</b>			
<b>Initial ICU vent settings</b>			
66	Mode	1 = SIMV 2 = CMV 3 = PS 4 = CPAP	
67	FiO2	%	
68	Rate	Numerical free text	
69	TV	Raw data	
70	TV	ml/kg (excel calculate from IBW)	
71	PEEP	Numerical free text	
72	Pawp	Numerical free text	
73	SpO2	Numerical free text	
74	ETCO2	Numerical free text	

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75	Compliance (ml/cmH2O)	Excel formula	Murray Score component
<b>ICU vent settings after 2 hours</b>			
76	Mode	1 = SIMV 2 = CMV 3 = PS 4 = CPAP	
77	FiO2	%	
78	Rate	Numerical free text	
79	TV	Raw data	
80	TV	ml/kg (excel calculate from IBW)	
81	PEEP	Numerical free text	
82	Pawp	Numerical free text	
83	SpO2	Numerical free text	
84	ETCO2	Numerical free text	
85	Compliance (ml/cmH2O)	Excel formula	Murray Score component
86	ABG results: ICU arrival	FiO2 pH pO2 pCO2 HCO3 BE lactate PaO2:FiO2	Indicate VBG or ABG



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87	ABG results: 4-6 hours post ICU arrival	FiO2 pH pO2 pCO2 HCO3 BE lactate PaO2:FiO2	Indicate VBG or ABG
88	Progress CXR: worst report (infiltrates)	1 = one quadrant 2 = two quadrants 3 = three quadrants 4 = four quadrants	Murray Score component
<b>Ongoing ventilation variables</b>			
89	Bi-daily ICU ventilator settings		Days 2-14, whilst in ICU
<b>Interventions</b>			
90	Fluid balance	Numerical free text	Days 2-14, whilst in ICU
91	Transfusion	Numerical free text	Numbers of units received Days 2-14, whilst in ICU
92	Surgery	Free text	Day of admission, type.
<b>Outcomes</b>			
93	Date and time of ventilation cessation	24 hr clock	
94	Date and time of hospital discharge	24 hr clock	
95	Total length of hospital stay	Excel formula	
96	Total ventilator time	Excel formula	
97	Ventilator free days	Excel formula	

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98	last-1st PF value	Excel formula	-ve value = deterioration in gas exchange neutral value = no change in gas exchange +ve value = improvement in gas exchange
99	Pulmonary complications	1 = ALI/ARDS 2 = VAP 3 = PTX 4 = Lobar collapse	
100	Final outcome	1 = left hospital (home) 2 - still in hospital 3 = died 4 = left hospital - TF to other facility 5 = left hospital - residential/nursing/hospice	