

## Appendix 1 – The National early warning score (31)

	Score							
		3	2	1	0	1	2	3
Variable	Respiration rate	≤ 8		9 – 11	12 – 20		21-24	≥ 25
	Oxygen saturations	≤ 91	92 – 93	94 – 95	≥ 96			
	Any supplemental oxygen?		Yes		No			
	Temperature	≤ 35.0		35.1 -36.0	36.1 - 38.0	38.1 - 39.0	≥ 39.1	
	Systolic blood pressure	≤ 90	91 - 100	101 - 110	111 - 219			≥ 220
	Heart rate	≤ 40		41 - 50	51 - 90	91 - 110	111 - 130	≥ 131
	Level of consciousness (alert, voice, pain, unresponsive)				A			V, P, U

## Appendix 2 – The Manchester triage system (32)

Triage Category	Name	Colour	Time to be Seen
1	Immediate	Red	0 minutes
2	Very Urgent	Orange	10 minutes
3	Urgent	Yellow	60 minutes
4	Standard	Green	120 minutes
5	Non-Urgent	Blue	240 minutes

The Manchester triage system consists of an algorithm that utilises 52 different flowchart diagrams, each of which is specific to a presenting complaint, for example chest pain or head injury. These flowcharts each have six key discriminators assigned to them, for example: time of onset, temperature, haemorrhage, pain, level of consciousness or threat to life. When a patient presents to the emergency department, the member of staff triaging the patient will assign the patient's primary complaints to the algorithm, then the final triage category will be determined using the outcomes from the algorithm and appropriate flow chart, along with fixed rules regarding the patient's vital signs measurements