

**What are baseline
clinical observations?**

**And why are they
important?**

Clinical or baseline observations

These are measurements which are designed to 'test' or measure the function of key body systems
- why is this important?

Which body systems are we measuring?

- Respiratory Rate- Respiratory system
- Blood Pressure- Cardiovascular system
- Urinalysis- Renal/Gastrointestinal system
- Oxygen Saturations- Respiratory
- Temperature- Infection markers
- Pulse rate- Cardiovascular system
- Level of Consciousness- Neurological

Research task

- For each of the vital signs research:
- how it's measured
- Normal Ranges (for adults)
- What an abnormal reading might suggest

Demo

Useful videos....

<https://www.youtube.com/watch?v=W3ygP86FpOM>
(temp)

https://www.youtube.com/watch?v=UGOoeqSo_ws
(BP)

<https://www.youtube.com/watch?v=gUWJ-6nL5-8> (all
vital signs)

So now we know how to take clinical observations...

What do we do if they change?



Chart 1: The NEWS scoring system

Physiological parameter	Score						
	3	2	1	0	1	2	3
Respiration rate (per minute)	≤8		9–11	12–20		21–24	≥25
SpO ₂ Scale 1 (%)	≤91	92–93	94–95	≥96			
SpO ₂ Scale 2 (%)	≤83	84–85	86–87	88–92 ≥93 on air	93–94 on oxygen	95–96 on oxygen	≥97 on oxygen
Air or oxygen?		Oxygen		Air			
Systolic blood pressure (mmHg)	≤90	91–100	101–110	111–219			≥220
Pulse (per minute)	≤40		41–50	51–90	91–110	111–130	≥131
Consciousness				Alert			CVPU
Temperature (°C)	≤35.0		35.1–36.0	36.1–38.0	38.1–39.0	≥39.1	

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