Activity 4 Assessing patients

Activity sheet

Using the guide chart for the National Early Warning Score 2 (NEWS 2) scoring system, calculate the score for each patient at the different time entries on the observation charts. Write the answers in the score chart below. Identify which patient we should be most concerned about and at what time.

Patient scoring

Medical observation	Patient A			Patient B			Patient C		
	07:00	11:00	15:00	07:00	11:00	15:00	07:00	11:00	15:00
Respiration rate									
Oxygen saturation									
Respiratory support									
Temperature									
Systolic blood pressure									
Pulse rate									
Level of consciousness (**A**lert, **C**onfusion, **V**oice, **P**ain, **U**nresponsive)									
Total									

Activity 4 Assessing patients

Activity sheet

Guide chart for the NEWS scoring system

Medical observation	Normal range	0 points	1 point	2 points	3 points
Respiration rate	12 to 20 breaths per minute	12 to 20	9 to 11	21 to 24	≤8 or ≥25
Oxygen saturation	96 to 99%	≥96	94 to 95	92 to 93	≤91
Respiratory support				Oxygen	
Temperature (°C)	36.1 to 38.0	36.1 to 38.0	35.1 to 36.0 or 38.1 to 39.0	≥39.1	≤35.0
Systolic blood pressure	120 or above	111 to 219	101 to 110	91 to 100	≤90 or ≥220
Pulse rate	51 to 90	51 to 90	41 to 50 or 91 to 110	111 to 130	≤40 or ≥131
Level of consciousness (**A**lert, **C**onfusion, **V**oice, **P**ain, **U**nresponsive)	If the patient is alert when they are approached, they score 0 points and the CVPU part is not needed. If the patient is not alert, a nurse would first see if the patient is responsive to voice, if not voice, to a pain stimuli and if not that, they are unresponsive	Alert			Confusion, voice, pain or unresponsive

Activity 4 Assessing patients

Activity sheet

Patient A observation chart

NEWS key 0 1 2 3	FULL NAME PATIENT A		DATE OF ADMISSION	
	DATE / TIME	07:00	11:00	15:00
A+B Respirations Breaths/min	≥25			
	21–24			
	18–20			
	15–17			
	12–14	13	12	
	9–11			
	≤8			8
A+B SpO_2 Scale 1 Oxygen saturation (%)	≥96	99	97	
	94–95			
	92–93			
	≤91			82
SpO_2 Scale 2† Oxygen saturation (%) Use Scale 2 if target range is 88–92%, eg in hypercapnic respiratory failure †ONLY use Scale 2 under the direction of a qualified clinician	≥97 on O_2			
	95–96 on O_2			
	93–94 on O_2			
	≥93 on air			
	88–92			
	86–87			
	84–85			
	≤83%			
Air or oxygen?	A=Air			
	O_2 L/min			
	Device	Non	Non	Non
C Blood pressure mmHg Score uses systolic BP only	≥220			
	201–219			
	181–200			
	161–180			
	141–160			
	121–140	127	130	140
	111–120			
	101–110			
	91–100			
	81–90			
	71–80			
	61–70			
	51–60			
	≤50			
C Pulse Beats/min	≥131			
	121–130			126
	111–120			
	101–110			
	91–100		92	
	81–90			
	71–80	80		
	61–70			
	51–60			
	41–50			
	31–40			
	≤30			
D Consciousness Score for NEW onset of confusion (no score if chronic)	Alert	ALERT	ALERT	
	Confusion			
	V			
	P			PAIN
	U			
E Temperature °C	≥39.1°			
	38.1–39.0°			
	37.1–38.0°			
	36.1–37.0°	37	37	37
	35.1–36.0°			
	≤35.0°			
NEWS TOTAL				**TOTAL**
Monitoring frequency				Monitoring
Escalation of care Y/N				Escalation
Initials				Initials

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Activity 4 Assessing patients

Activity sheet

Patient B observation chart

NEWS key 0 1 2 3	FULL NAME PATIENT B		DATE OF ADMISSION	
	DATE / TIME	07:00	11:00	15:00
A+B Respirations Breaths/min	≥25			
	21–24			
	18–20			
	15–17			
	12–14	13	12	12
	9–11			
	≤8			
A+B SpO_2 Scale 1 Oxygen saturation (%)	≥96	99		
	94–95		94	
	92–93			92
	≤91			
SpO_2 Scale 2† Oxygen saturation (%) Use Scale 2 if target range is 88–92%, eg in hypercapnic respiratory failure †ONLY use Scale 2 under the direction of a qualified clinician	≥97 on O_2			
	95–96 on O_2			
	93–94 on O_2			
	≥93 on air			
	88–92			
	86–87			
	84–85			
	≤83%			
Air or oxygen?	A=Air			
	O_2 L/min			
	Device	Non	Non	Non
C Blood pressure mmHg Score uses systolic BP only	≥220			
	201–219			
	181–200			
	161–180			
	141–160			
	121–140	130	134	135
	111–120			
	101–110			
	91–100			
	81–90			
	71–80			
	61–70			
	51–60			
	≤50			
C Pulse Beats/min	≥131			
	121–130			
	111–120			
	101–110			
	91–100			95
	81–90	85	87	
	71–80			
	61–70			
	51–60			
	41–50			
	31–40			
	≤30			
D Consciousness Score for NEW onset of confusion (no score if chronic)	Alert	ALERT	ALERT	ALERT
	Confusion			
	V			
	P			
	U			
E Temperature °C	≥39.1°			
	38.1–39.0°			
	37.1–38.0°		37.1	
	36.1–37.0°	36.9		37
	35.1–36.0°			
	≤35.0°			
NEWS TOTAL				**TOTAL**
Monitoring frequency				Monitoring
Escalation of care Y/N				Escalation
Initials				Initials

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Activity 4 Assessing patients

Activity sheet

Patient C observation chart

NEWS key 0 1 2 3	FULL NAME PATIENT C		DATE OF BIRTH		DATE OF ADMISSION	
	DATE / TIME	07:00	11:00	15:00		DATE / TIME
A+B Respirations Breaths/min	≥25				3	≥25
	21–24				2	21–24
	18–20					18–20
	15–17		15			15–17
	12–14	13		12		12–14
	9–11				1	9–11
	≤8				3	≤8
A+B SpO_2 Scale 1 Oxygen saturation (%)	≥96	99	99	99		≥96
	94–95				1	94–95
	92–93				2	92–93
	≤91				3	≤91
SpO_2 Scale 2† Oxygen saturation (%) Use Scale 2 if target range is 88–92%, eg in hypercapnic respiratory failure †ONLY use Scale 2 under the direction of a qualified clinician	≥97 on O_2				3	≥97 on O_2
	95–96 on O_2				2	95–96 on O_2
	93–94 on O_2				1	93–94 on O_2
	≥93 on air					≥93 on air
	88–92					88–92
	86–87				1	86–87
	84–85				2	84–85
	≤83%				3	≤83%
Air or oxygen?	A=Air					A=Air
	O_2 L/min				2	O_2 L/min
	Device	Non	Non	Non		Device
C Blood pressure mmHg Score uses systolic BP only	≥220				3	≥220
	201–219					201–219
	181–200					181–200
	161–180					161–180
	141–160					141–160
	121–140		130	135		121–140
	111–120	120				111–120
	101–110				1	101–110
	91–100				2	91–100
	81–90					81–90
	71–80					71–80
	61–70				3	61–70
	51–60					51–60
	≤50					≤50
C Pulse Beats/min	≥131				3	≥131
	121–130				2	121–130
	111–120					111–120
	101–110				1	101–110
	91–100					91–100
	81–90					81–90
	71–80		72			71–80
	61–70	65		70		61–70
	51–60					51–60
	41–50				1	41–50
	31–40				3	31–40
	≤30					≤30
D Consciousness Score for NEW onset of confusion (no score if chronic)	Alert	ALERT	ALERT	ALERT		Alert
	Confusion				3	Confusion
	V					V
	P					P
	U					U
E Temperature °C	≥39.1°				2	≥39.1°
	38.1–39.0°				1	38.1–39.0°
	37.1–38.0°		37.1	37.3		37.1–38.0°
	36.1–37.0°	36.4				36.1–37.0°
	35.1–36.0°				1	35.1–36.0°
	≤35.0°				3	≤35.0°
NEWS TOTAL						**TOTAL**
Monitoring frequency						Monitoring
Escalation of care Y/N						Escalation
Initials						Initials

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