



NSW Fellowship Course
TRIAL FELLOWSHIP EXAMINATION
St George Hospital 2016.1

WRITTEN EXAMINATION

Short Answer Questions

- PROPS BOOKLET -

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QUESTION 1

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QUESTION 1 cont.

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QUESTION 2

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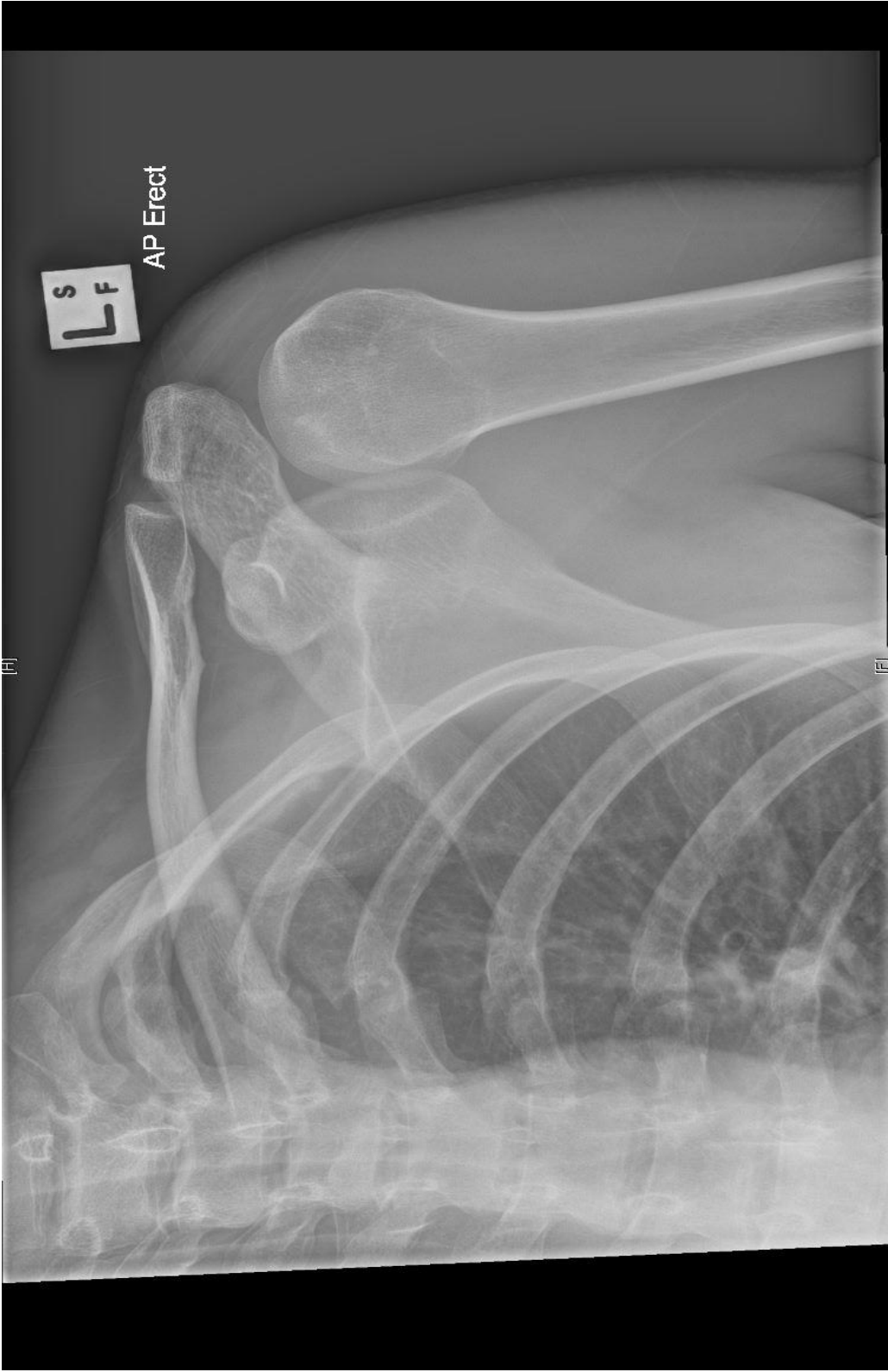
QUESTION 4

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QUESTION 5

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QUESTION 5 cont.

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QUESTION 7

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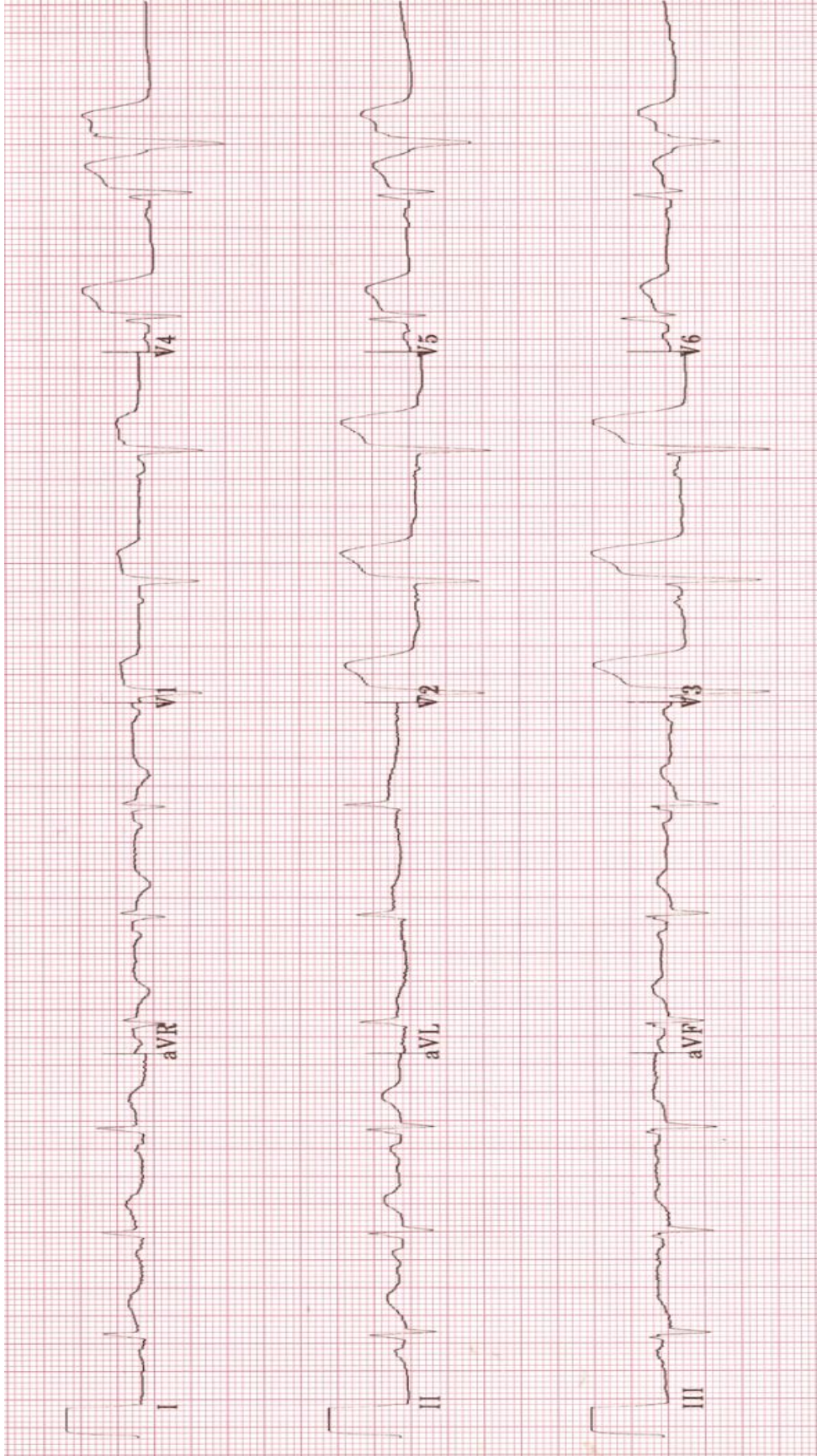


QUESTION 8

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QUESTION 9
Image 1 of 1



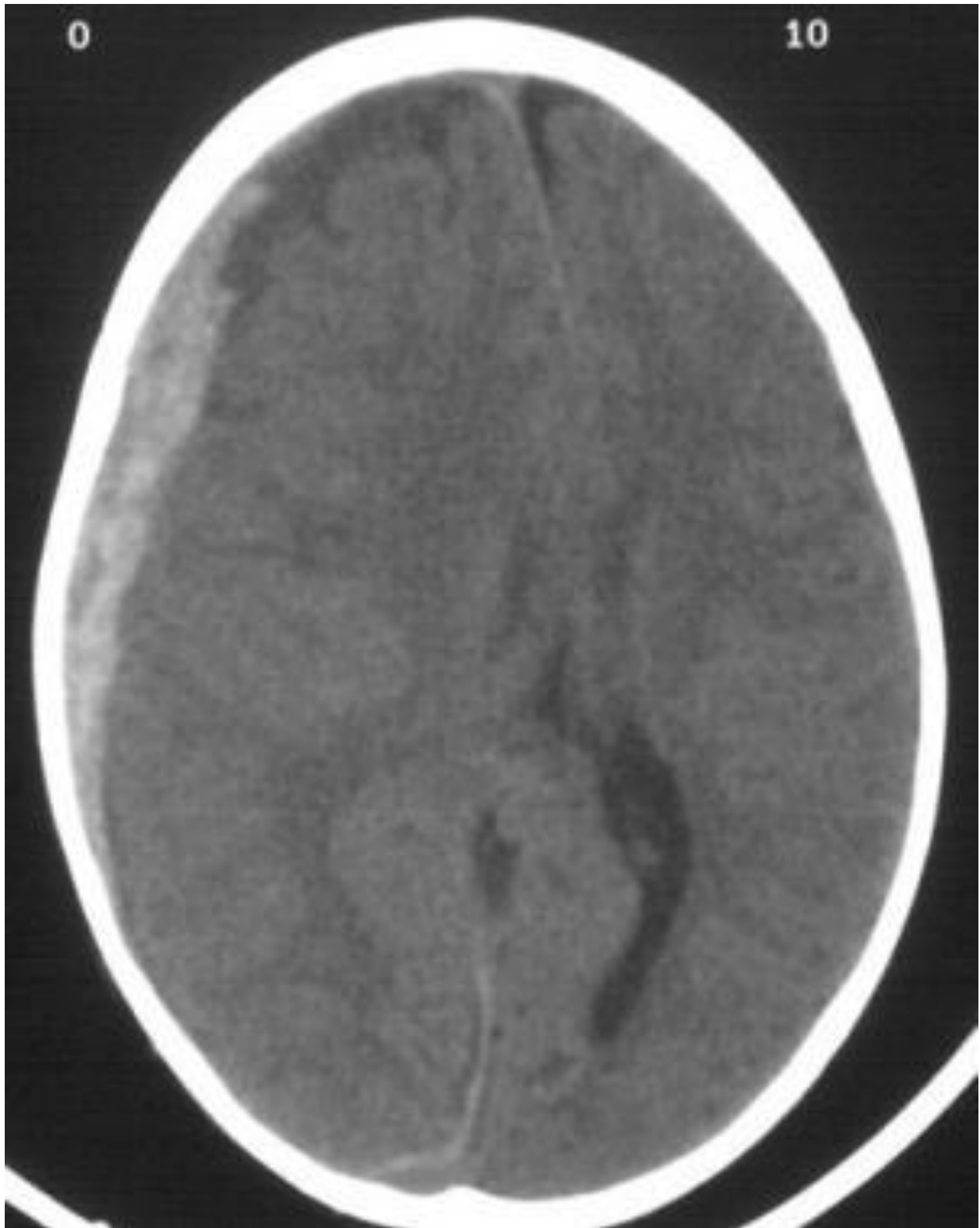
QUESTION 10

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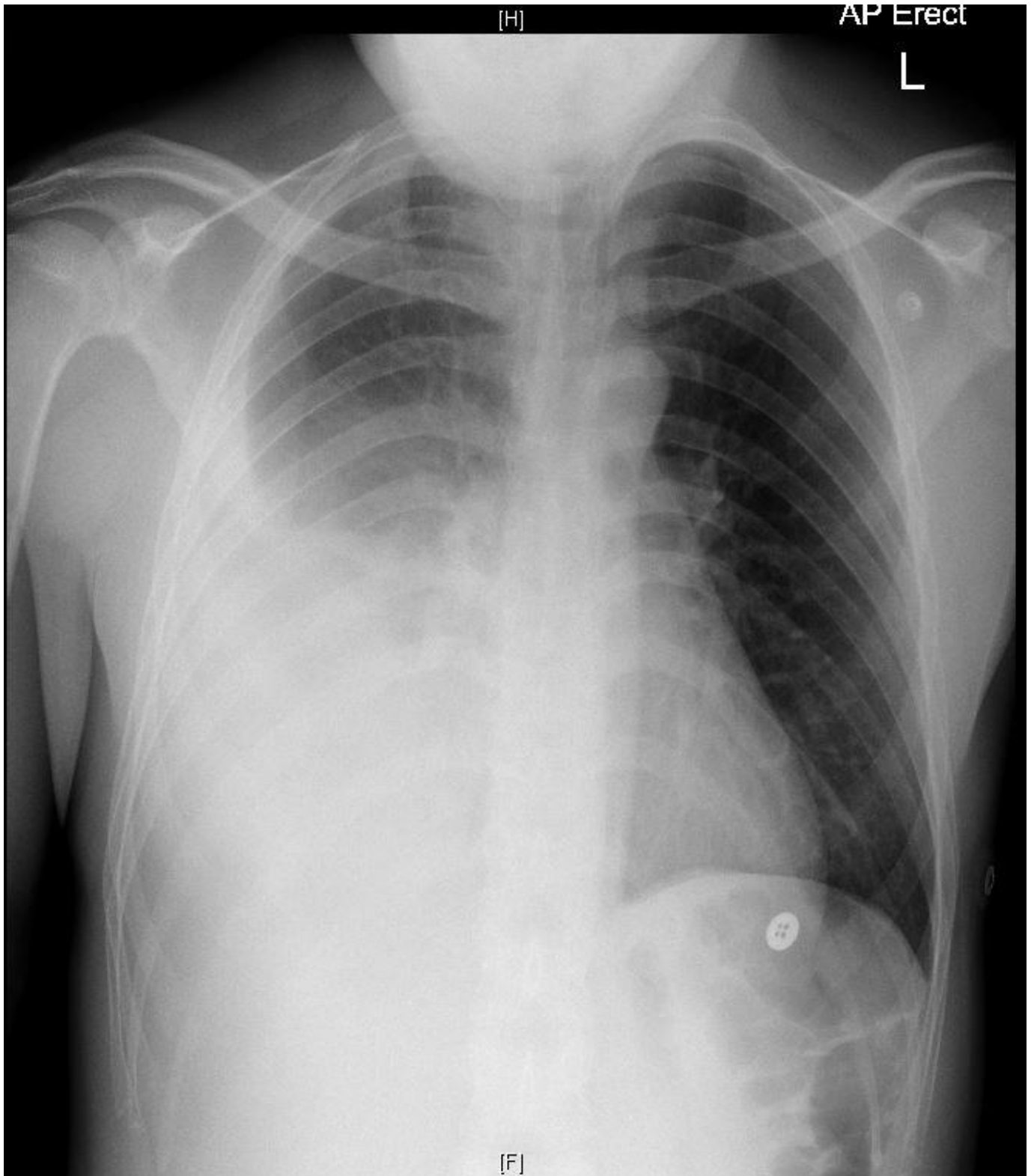
QUESTION 13

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QUESTION 14

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QUESTION 16

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QUESTION 16 cont.

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QUESTION 16 cont.

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QUESTION 16 cont.

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QUESTION 16 cont.

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QUESTION 16 cont.

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QUESTION 17

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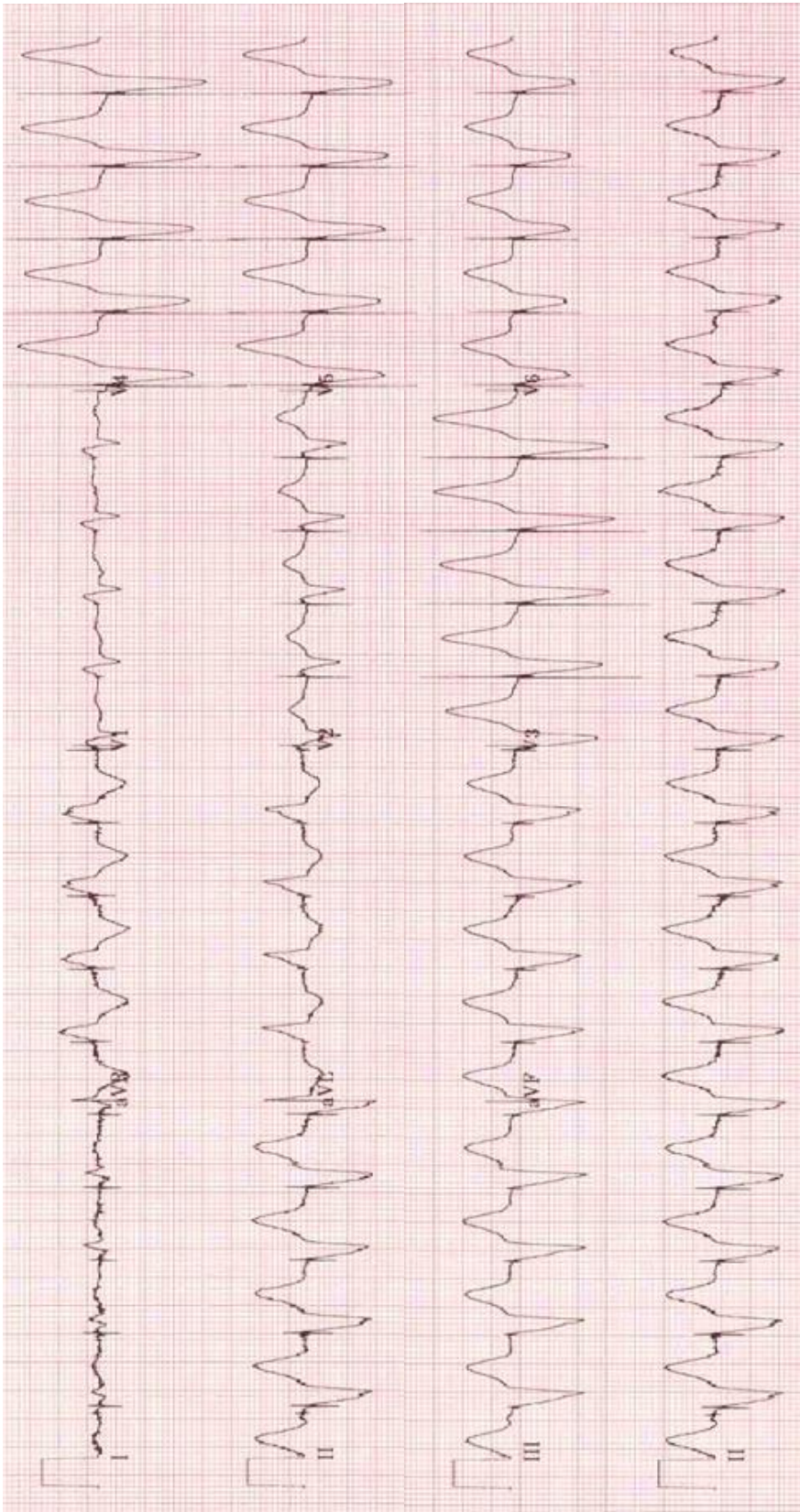


QUESTION 17 cont.

Image 2 of 2

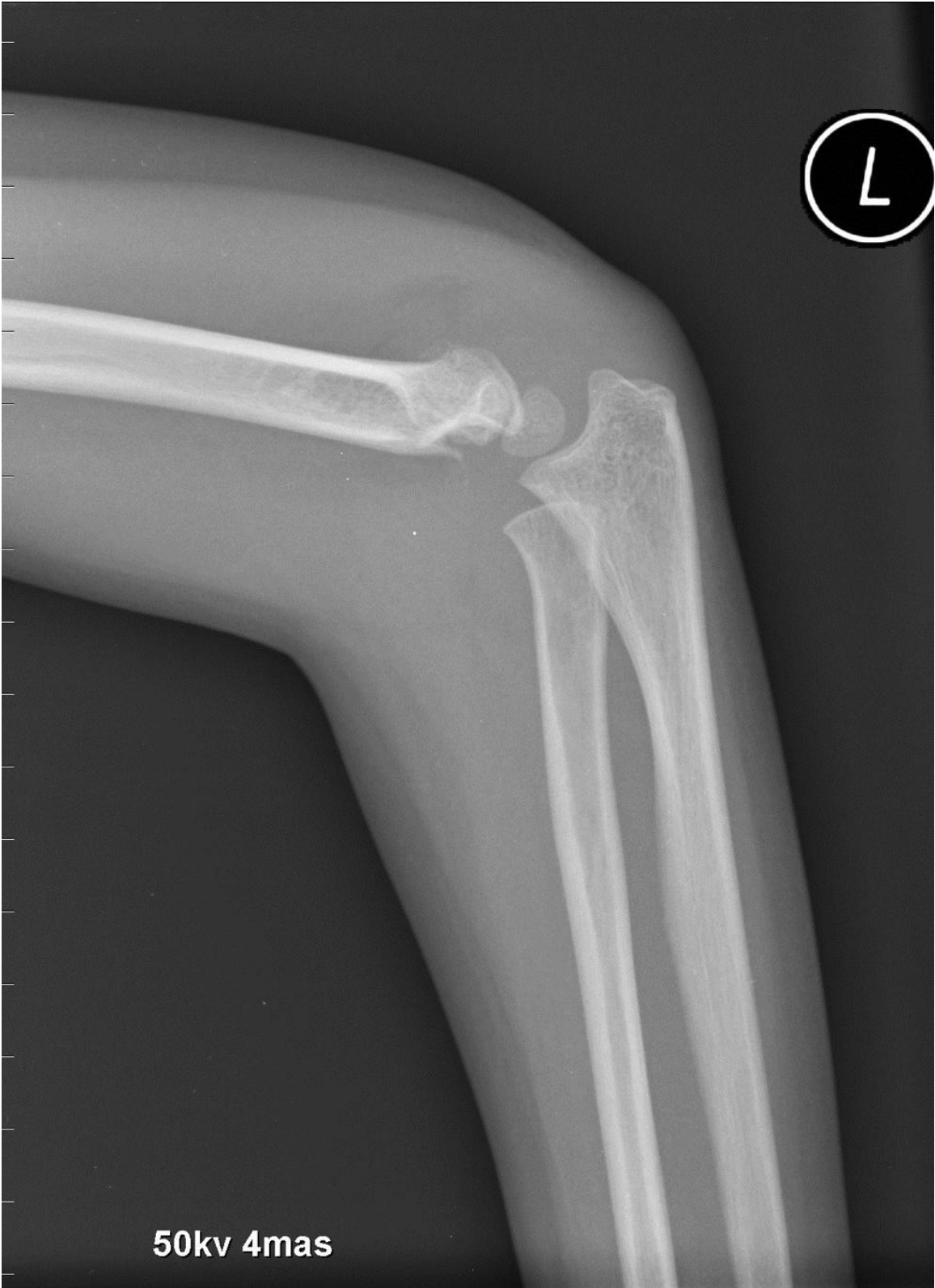


QUESTION 18



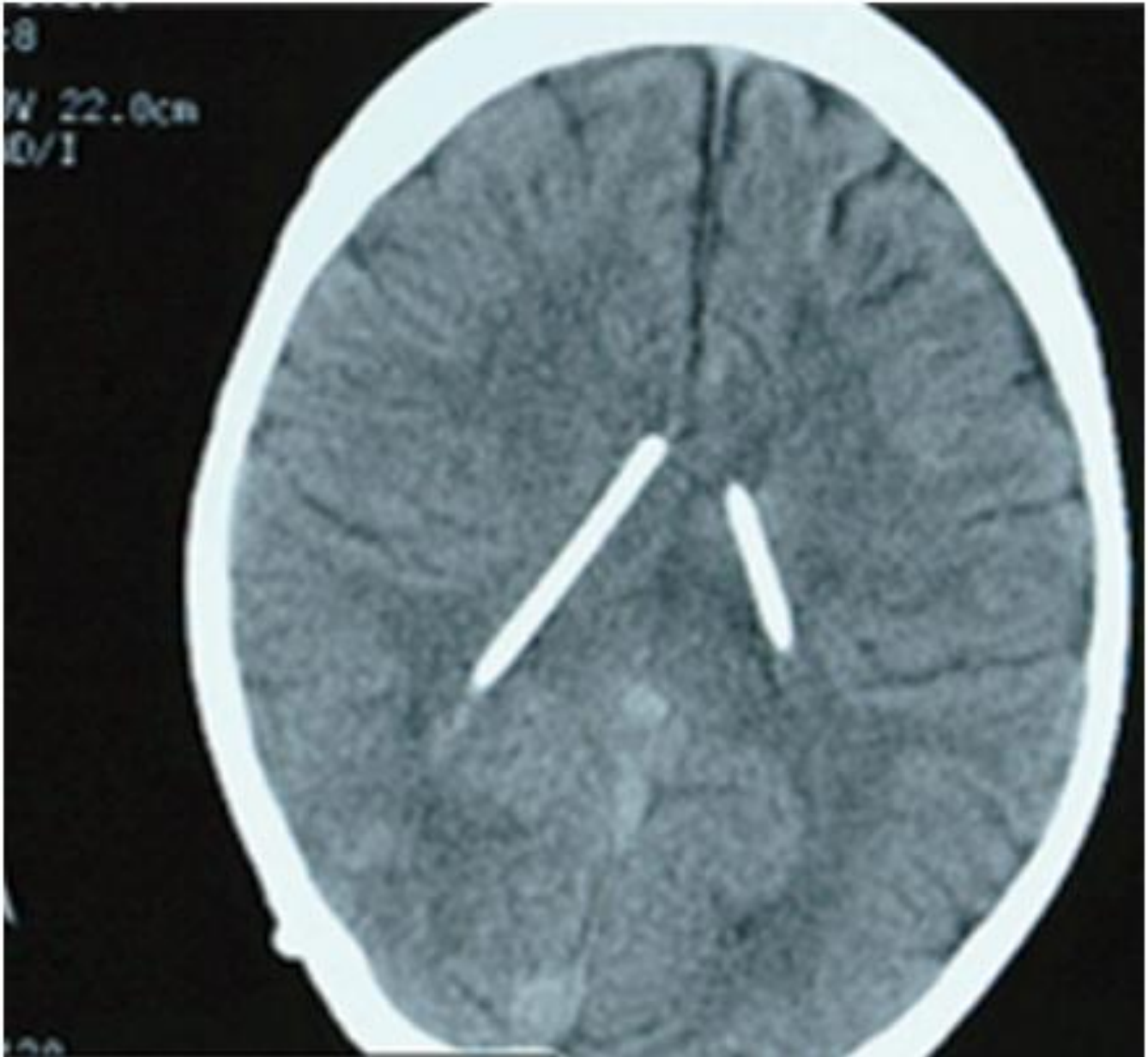
QUESTION 19

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QUESTION 20

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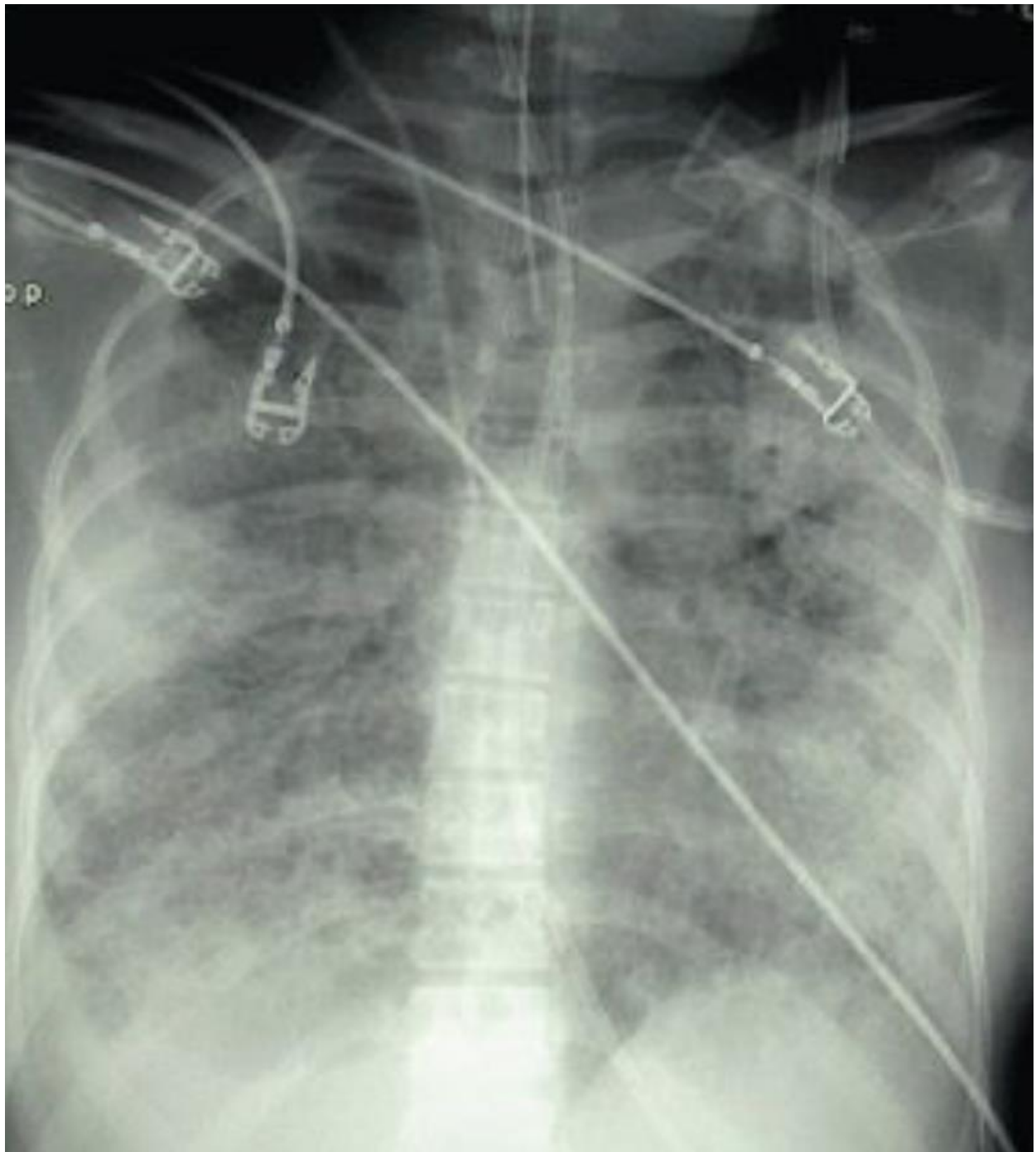
QUESTION 21

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Parameter	Patient Value	Normal Adult Range
Arterial Blood Gas		
FiO ₂	0.4	
pH	7.62*	7.35 – 7.45
PCO ₂	62 mmHg* (8.2 kPa)*	36 – 45 (4.6 – 6.0)
PO ₂	133 mmHg (17.5 kPa)	
Bicarbonate	65 mmol/L*	21 – 28
Base Excess	> 30 mmol/L*	-3 – +3
Sodium	149 mmol/L*	135 – 145
Potassium	3.3 mmol/L*	3.5 – 5.2
Chloride	53 mmol/L*	95 – 110
Calcium ionised	0.74 mmol/L*	1.12 – 1.32
Lactate	2.7 mmol/L*	< 1.3
Venous biochemistry		
Urea	34.9 mmol/L*	3.0 – 8.0
Creatinine	431 micromol/L*	60 – 110

QUESTION 23

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QUESTION 24

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Arterial Blood pH POCT	L 6.865
Arterial Blood pO2 POCT	H 417.0 mmHg
Arterial Blood pCO2 POCT	L 18.7 mmHg
Arterial Blood O2 Saturation POCT	99.2 %
Arterial Blood HCO3 POCT	L 3.2 mmol/L
Arterial Blood Base Excess POCT	L -27.2 mmol/L
Arterial Blood Oxyhaemoglobin POCT	97.2 %
Arterial Blood Inspired Oxygen POCT	100 %
Arterial Blood Haemoglobin POCT	L 124 g/L
Arterial Blood Reduced Haemoglobin POCT	0.8 %
Arterial Blood Methaemoglobin POCT	H 0.9 %
Arterial Blood Carboxyhaemoglobin POCT	1.1 %
Arterial Blood Creatinine POCT	H 246 umol/L
Arterial Blood Sodium POCT	142 mmol/L
Arterial Blood Potassium POCT	4.6 mmol/L
Arterial Blood Chloride POCT	107 mmol/L
Arterial Blood Calcium Ionised POCT	1.30 mmol/L
Arterial Blood Glucose POCT	H 31.0 mmol/L
Arterial Blood Lactate POCT	L 1.7 mmol/L

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