## **Medical Education Society: A100 Year 1 Practice SAP Questions**

# Case 3

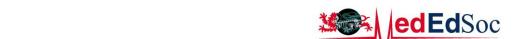
#### **Question 1 (written by Joe Edwards)**

A patient is admitted to an acute medical unit with acute kidney injury. The patient is 52 years old and has a past medical history of heart failure for which he takes furosemide, lisinopril and propranolol. He has a learning disability resulting in neurological impairment and is reliant on a carer for everyday activities.

[1]

a) State the most common cause of acute kidney injury.

b)	Identify two risk factors that this patient has for acute kidney injury and these increase the patient's risk of acute kidney injury.	d explain hov [
o st sts t	or reviews the patient's notes and informs the patient that the best cour op his furosemide temporarily and prescribes some IV fluids. The patie the doctor.  State the type of doctor-patient relationship described here.	nt agrees as
o st sts t	op his furosemide temporarily and prescribes some IV fluids. The patie	
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### **Question 2 (written by Joe Edwards)**

A nephrologist believes that AKI reduces the chance of her patients developing kidney stones. She wishes to investigate this hypothesis.

a)	Describe why a randomised control trial may not be appropriate in this situation.	[1]
	ephrologist has very little funding but does have informed consent from her patient s and use their medical notes for the purposes of investigating her hypothesis.	s to
b)	Suggest what type of trial might be used and explain why this type of trial is appropriate in this situation.	[2]
selects	ephrologist does not initially gain significant results at the significance level she s. She therefore decides to exclude the results of patients who she remembers as a mild AKI because she thinks this will give her significant results.	only
c)	State the type of data misinterpretation exhibited here.	[1]