You are required to choose **one** of the 2 OSCE scenarios set previously as the basis for a 3,000 word essay (100% weighting).

Your essay will need to be well structured in order to address both the information presented in your chosen case study scenario **and its accompanying MAR chart**.

**The MAR chart for each scenario contains deliberate errors. These all need to be identified and their implications discussed in order to achieve a pass. The errors are not exclusively limited to the drug that is the main focus of the scenario.**

Explore underpinning pharmacology in relation to your scenario and critically discuss both safe and effective medicines management and the role of the nurse in supporting the prescribing team. Use the guidelines below and remember to include a brief introduction and conclusion. Please refer to appropriate research, literature and national policy guidance. Give equal weight to the following areas:

* **The pharmacokinetics and pharmacodynamics of the drug that is the main focus of the scenario you have chosen.** (For Oliver this is fluoxetine )

Describe the pharmacokinetics and pharmacodynamics of the drug, exploring potential implications for the patient in your scenario.

Why might the pharmacokinetics and pharmacodynamics influence the prescriber’s choice of medication for this patient?

* Identify and critically analyse the **implications of the prescription/ MAR chart errors.** Consider these in relation to any side effects, adverse drug reactions, contra-indications, cautions and/ or interactions.
* Critically reflect on means of achieving optimum medicines management with regard to the drug at the centre of the scenario in orderto achieve best outcomes. In this section you must consider concordance. Also explore the implications of the Mental Health Act (1983), the Mental Capacity Act (2005) and covert medication administration.
* Create an approach to ensuring that **nurses contribute to safe and effective medicines management** in the context of nursing care of your chosen patient. Include reference to safe practice around prescribing and medicines management.