

FOUNDATION SEMINAR IN SURGERY AND PERIOPERATIVE MEDICINE

**Case Study 1: Antiplatelet and Antihypertensive Management**

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**Mrs AC is your next patient in the pre-admission clinic. She is planned to undergo a Wide Local Excision of a nasal Basal Cell Carcinoma in 14 days. She is a 72 year old female with a past medical history of stroke and hypertension. Her current medications include aspirin 100mg daily and furosemide 40mg twice daily.**

Question 1: What would you recommend for the management of Mrs AC’s aspirin before surgery? How would this recommendation change if she was having major surgery?

Question 2: During your consultation the patient tells you that they stopped takin their aspirin 2 days ago because their GP told them to. What would you advise the patient in this situation?

**Mr DT is your next patient in the pre-admission clinic. He is booked for a laparoscopic right hemicolectomy next week. You note the following on his patient health questionnaire:**

* **67 year old male, non-smoker**
* **Past Medical History: Angina, Hypertension, Osteoarthritis**
* **Current Medications: Aspirin, Clopidogrel, Metoprolol, Ramipril, Paracetamol**

Question 3: What additional information would you need to determine the management plan for his antiplatelet agents perioperatively?

**During the interview you determine the following:**

**Current medications:**

* **Aspirin 100mg mane**
* **Clopidogrel 75mg mane**
* **Metoprolol 75mg twice daily**
* **Ramipril 5mg nocte**
* **Paracetamol 665mg 2 tablets twice daily**
* **Glyceryl Trinitrate Spray when required (never used)**

**Past medical history:**

* **STEMI (October 2020)**
  + **2 x Drug eluting stents**
  + **No chest pain since**
* **Hypertension**
* **Osteoarthritis**

**Observations:**

* **Blood pressure 165/90 mmHg**
* **Heart rate 70 beats per minute**
* **SpO2 98% on room air**

Question 4: What would you recommend for the management of Mr DT’s antiplatelets prior to surgery?

Question 5: Mr GB ia the next patient in the pre-admission clinic. He is a 64 year old male with a past history of peripheral vascular disease having had multiple stents inserted and a femoral-popliteal bypass in 2019. His current medications include metoprolol 25mg BD and Clopidogrel 75mg daily. He is planned to have a left colectomy in 10 days time. How would you recommend management of his antiplatelets?