

PRESCRIBING SKILLS PRACTICE CASE

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Phase 1. A 75 year old man with history of hypertension, diabetes, smoking, osteoporosis, and Crohn's disease is referred to you in Emergency Department because of crushing chest pain, dyspnea and sweating. A stat troponin comes back at 513 mg/L and the electrocardiogram shows ST depression in inferior leads. Vitals are normal other than heart rate is 106, regular.

1. *Write a prescription on the sheet below for the medications that you would prescribe now for his acute coronary syndrome.*

Phase 2. Same patient next day is back on the ward after PCI stenting of his right coronary artery. A nurse calls you because his blood pressure has been over 160/90 for several readings. The patient is asymptomatic and reports that he is not receiving his blood pressure medication, the name of which he cannot remember and has not been taking regularly either.

2. *Write a prescription on the same prescription sheet that would be appropriate for this patient's blood pressure.*

Phase 3. Same patient on the third day of admission reminds you that he has Crohn's disease and is due for his injection which he receives every 4 weeks at an injection clinic near St Joseph's Hospital. He reports that his injection is 'Remicade' and the dose is decided each time by his weight, which is 90 kg today.

3. *Write a prescription for his next injection for Crohn's disease.*

Phase 4. Same patient is ready for discharge on Day 5. You are preparing his discharge prescription and considering both his post-MI medications and the osteoporosis.

4. *His LDL cholesterol has returned at 3.89 mmol/L. What lipid lowering medication will be the most cost-effective for his cardiac risk stratum?*
5. *He currently only takes vitamin D over-the-counter for osteoporosis but has previously fractured his wrist after a fall. Prescribe the most cost-effective medication for his osteoporosis.*

PRESCRIPTION SHEET

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