SimPHARM Case Description *(Summary)*

SimPHARM™

Case Level: Intermediate Learning
Case Run: Single visit, 48 hours
Patient: Malcom Park

Patient Description:

Introduction to Malcom:

Malcolm has been admitted with poorly controlled heart failure. He lives alone and is unable to care for himself during acute exacerbations. He has difficulty exercising due to his osteoarthritis. The medical team would like his heart failure management reviewed.

Gender: Male

Weight: 159 lbs. / 72 kg

Height: 6′ / 183 cm

Age: 71

Case Details

Malcolm has poorly controlled decompensating heart failure. His osteoarthritis is being partially self-medicated with over the counter diclofenac and partially with prescribed paracetamol. This is aggravating his heart failure. He experiences eczema which keeps him awake at night and he has ongoing chronic constipation which he takes stimulants (not charted below). Malcolm can appear grumpy which is mostly a reflection on his poor health.

Pathologies:

Condition	Severity	Occurrence	Duration	Probability
Heart failure (L&R), reduced ejection fraction	NYHA 3	Pre-existing	Whole case	100%
Osteoarthriptis (hip)	Moderate	Pre-existing	Whole case	100%
Eczema	Mild-moderate	Pre-existing	Whole case	50%
Constipation	Mild-moderate	Pre-existing	Whole case	50%

Pre-existing Medication:

Aqueous BP (Topical Cream) 5 g to affected area

Diclofenac (Tablet-CR 75 mg) ONE tablet every 24 hours

Enalapril (Tablet 5 mg) ONE tablet every 24 hours

Paracetamol (Tablet 500 mg) TWO tablets every 12 hours

Availability of drugs and laboratory investigations:

All drugs and investigations are available for students.