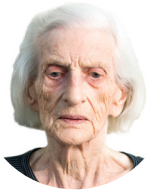


SimPHARM Case Description *(Summary)*

SimPHARM™

Case Level: Intermediate Learning
Case Run: 60 hours
Patient: Agnes Wuthers

Patient Description:

Introduction to Agnes:

You are seeing Agnes Wuthers in the last few days of her life. She is in an assisted living facility and is looked after by nurses trained in hospice care. The team want you to help manage her medicines. Agnes has a DO NOT RESUSCITATE order on her chart and does not want measures taken to resuscitate her in case she experiences an emergency medical event. Agnes's children and grandchildren are around her bedside. From time to time Agnes will not be able to answer your questions. At these times a family member will provide an answer for you.

Gender: Female

Weight: 95 lbs. / 43 kg

Height: 5′ 4″ / 162 cm

Age: 91

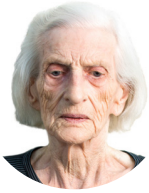
Case Details

Agnes is nearing the end of her life. She has been deteriorating over the last few weeks and the team do not think she has long to live. Agnes's primary diagnosis for end of life care is pulmonary fibrosis. Agnes is about to commence chemotherapy for metastatic breast cancer. She is concerned about nausea and vomiting. Agnes passes in and out of consciousness throughout the case run. She has a number of side effects that are occurring due to her current medicines. Agnes will pass away at the end of her case and this will be at a different time for each student.

The case imperative is to rationalize her medicines.

Pathologies:

Condition	Severity	Occurrence	Duration	Probability
Anxiety	moderate-severe	Acute	Worsening	100%
Confusion	mild-moderate	Acute	Worsening	100%
Eczema	mild-moderate	Pre-existing	Whole case	100%
Hypercholesterolaemia	mild	Pre-existing	Whole case	100%
Hypertension (40 years)	mild	Pre-existing	Whole case	100%
Heart failure (2 years)	mild	Pre-existing	Whole case	100%
COPD	moderate-severe	Pre-existing	Whole case	100%
Pulmonary fibrosis	moderate-severe	Pre-existing	Whole case	100%
Iron deficiency anaemia	moderate	Pre-existing	Whole case	100%
Osteoporosis (20 years)	moderate	Pre-existing	Whole case	100%
Chronic kidney disease	CKD 2/3a	Pre-existing	Whole case	100%



SimPHARM Case Description *(Summary)*

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Case Level: Intermediate Learning
Case Run: 60 hours
Patient: Agnes Wuthers

Current Medicines:

Alendronate 70 mg each week

Amlodipine 5 mg each day

Cholecalciferol 1.25 mg each month

Diclofenac 75 mg each morning

Enalapril 5 mg each morning

Ferrograd C 300 mg each morning

Hydroxocobalamin 1000 mcg each month

Metoprolol CR 47.5 mg each morning

Morphine Oral Mixture 2 mg every 8 hours

Multivitamins 1 tablet each day

Paracetamol 1000 mg every 12 hours starting

Salmeterol inhaler 50 mcg every 12 hours

Simvastatin 40 mg each evening

Tiotropium inhaler 2.5 mcg once per day

Availability of drugs and laboratory investigations:

All drugs and investigations are available for students.

Debrief Notes:

This is an end of life case. Agnes passes away during care. It is important that students are pre-briefed about end of life scenarios and palliative care. In particular this case specifically deals with death.

Important debrief points are:

1. Their role in end of life
2. What medicines are unnecessary and can be stopped
3. What it means not to institute active treatment of her underlying conditions
4. How care for Agnes can be instituted to give her the best possible quality over the time she has left.