SimPHARM Case Description *(Summary)*

SimPHARM™

Case Level: Intermediate Learning
Case Run: Single visit, 48 hours
Patient: Linda Blair

Patient Description:

Introduction to Linda:

Linda has been referred to your care for management of her hypertension.

Gender: Female

Weight: 173 lbs. / 78 kg

Height: 5′ 5″ / 165 cm

Age: 52

Case Details

Linda has mild-moderate essential hypertension. She is receiving no medical care for this. She has a history of asthma and migraine. This case mixes silent disease with symptomatic diseases and tests the student's ability to prioritize. The relatively short time frame for the case will limit what the student can achieve so target setting for BP will need to be focused on what they would anticipate seeing at 48 hours treatment. The spider bite will add some complexity into day 2 and will test the student's resolve to stay on track with the case.

Pathologies:

Condition	Severity	Occurrence	Duration	Probability
Hypertension	Mild-moderate	Pre-existing	Whole case	100%
Migraine	Moderate to severe	Acute symptoms occur in the first hour of the case	The episode lasts 12 hours	100%
Asthma	Mild	Acute symptoms occur in the afternoon of day 2	Lasts 6-12 hours (if untreated)	75%
Spider bite	Moderate	Acute symptoms occur in the morning of day 2	The symptoms last 6-8 hours	75%

Pre-existing Medication:

Salbutamol (Inhaler 100 mcg/puff) 1 puff as required for asthma symptoms

Availability of drugs and laboratory investigations:

All drugs and investigations are available for students.