

## Agnes

Agnes is an 85-year-old woman who lives with her husband in a house. The nearest community with a grocery store and pharmacy is 30 km away. The husband is driving, and they usually go shopping about once a week. Vera is the one who takes care of most household work and she keeps track of both her husband's and her own medications using "dosett boxes" that she fills every Sunday.

She is currently admitted to an internal medicine ward due to chest pain, not relieved by nitroglycerin. The pain subsided after 5-10 minutes but it made her worried and her husband drove her to the emergency department at the hospital.

### Information from Agnes' journal entries:

Two myocardial infarcts, in 2012 and 2014 – since then problems with effort angina.

Essential hypertension since 1995

Diet controlled Type 2 Diabetes since 2008

Osteoarthritis of the knees and hips, pain problems

### Laboratory results and examinations:

Troponin levels normal and ECG show regular rhythm, no sign of new infarction

Blood pressure 130/75

Weight 64 kg, height 165 cm, no central or peripheral edema

Respiratory examination without remarks

Diffuse pain epigastrium

Pain when walking

P-Na	140 mmol/L (137-145)
P K	3.9 mmol/L (3.5-5.0)
GFR (Cystatin C)	63 ml/min
P-CRP	8 mg/L (<5)
B-Hb	106 g/L (120-150)
B-MCV	79 fL (82.0-98.0)
FHB +	
B-HbA1c	50 mmol/mol (31-46)
P-glucose	6.4 mmol / L (4.0-6.0)

### List of drugs from the hospital Medication Administration Record (MAR) on day 1:

Aspirin 75mg	1 + 0 + 0 + 0
Simvastatin 10mg	0 + 0 + 0 + 1
Bisoprolol 5mg	1 + 0 + 0 + 0
Bendroflumetiazid 2.5mg	1 + 0 + 0 + 0
Imdur (isosorbid mononitrate) 60mg	1 + 0 + 0 + 1
Nitrolingual spray	1-2 prn
Paracetamol 500mg	1-2 prn max 8/day