

PT 211 - Pharmacology for Physical Therapists

FINAL EXAM CASE - 2016

WW is a 55-year old male who was diagnosed with non-small cell lung cancer (NSCLC) on 11/21/2015. He was admitted to the UCSF Parnassus Oncology ward 1 month ago for chemotherapy induction. Today, he is s/p chemotherapy induction with cisplatin/vinorelbine. He complains of nausea, vomiting and numbness in his hands and feet. He has had difficulty putting on his own clothes and feels winded after walking from his bed to the bathroom.

"I just don't have any energy anymore. I was given some medications because of the depression. I mean, I have cancer; of course I'm going to be depressed. But now I feel like I'm even more tired than usual, and I'm throwing up all the time. I just wish I had more control over my life, like if I could just say 'we're done when I say we're done.' You know what I mean?"

You have been asked to do a PT evaluation for WW and to initiate a rehabilitation program to prepare WW for discharge.

PMH

Non-small cell lung cancer (NSCLC), diagnosed 11/2015, tumor resected
Hypertension, diagnosed 2011
Type 2 Diabetes, diagnosed 2012
Depression, diagnosed 12/2015
Asthma, diagnosed 1997
Back pain, self-reported for "about 3 years"

SH

Married, lives with his pregnant wife and son. Works as a chemistry teacher and car wash attendant. Denies smoking, alcohol, or intravenous drug use.

FH

Brother diagnosed with T2DM five years ago
Son diagnosed with cerebral palsy
Mother deceased at age 78 due to lung cancer (unknown form)
Father deceased at age 82 due to myocardial infarction

PE

Gen: Disgruntled, slightly distressed.

Abd: Bowel sounds decreased

VS: BP 132/82 HR 78 RR 16 Weight 76kg Height 5'10"

Labs

A1C 7.4

Hgb 10.9 (13.6-17.5) WBC 2.5 (3.4-10) All other labs WNL

Current Medications

Seroquel XR 150mg, 1 tab PO daily, started 3/2015

Sertraline 100 mg, 1 tab PO daily, started 12/2015

Cisplatin $75 \text{ mg/m}^2 = 140 \text{ mg}$ on days 1, 8 (started 3/28/16)

Vinorelbine $25 \text{ mg/m}^2 = 46 \text{ mg}$ on days 1, 8, 15, 22 (started 3/28/16)

Advair Diskus 100/50, 1 inhalation BID

ProAir HFA, 2 puffs Q4-6H PRN SOB

Metformin 1000 mg, 1 tab PO BID

Glipizide 5mg, 1 tab PO BID

Lisinopril 10mg, 1 tab PO daily

Tylenol Extra Strength 500mg, 1 tab Q4H PRN back pain

Norco 5 mg/325 mg, 1 tab PO Q6H PRN back pain

Metoclopramide 10 mg PO q4-6 hrs PRN N/V

Senna 15 mg PO daily