

Appendix 1. Test Case Scenario List and Instructions

Test Case 1:

Order instructions:

1. Enter patient allergy for Lisinopril in test patient's chart.
2. Enter order for Captopril 12.5 mg PO TID.

Special instructions: If Lisinopril is not on formulary, use Enalapril 5 mg PO daily.

Test Case 2:

Order instructions:

1. Enter order for Imdur (isosorbide Mononitrate) 30 mg PO daily.
2. Enter order for Revatio (sildenafil) 20 mg PO TID.

Special instructions: Enter both orders in sequence without discontinuing 1st order.

Test Case 3:

Order instructions:

1. Enter "congestive heart failure" or equivalent to patient problem list.
2. Enter order for Pioglitazone 45 mg PO daily.

Special instructions: None.

Test Case 4:

Order instructions:

1. Enter order for Lovenox 40 mg SQ daily.
2. Enter order for Lovenox 100 mg SQ BID.

Special instructions: Enter both orders in sequence without discontinuing 1st order. Note: intention is for first order to be prophylactic dose, second order to be later initiation of therapy without d/cing prophylactic dose. If Lovenox is not on formulary, use:

(a) 1. Dalteparin 5000 units SC daily AND 2. Dalteparin 15,000 units SC daily (for 75 kg person at 200 units/kg) OR

(b) 1. Arixtra (fondaparinux) 2.5 mg SC q24 hrs AND 2. Arixtra (fondaparinux) 7.5 mg q24 hrs (for 50-100 kg person)

Test Case 5:

Order instructions:

1. Enter order for Insulin Aspart, 60 ml SQ BID.

Special instructions: None.

Test Case 6:

Order instructions:

1. Enter order for Metformin 1000 mg PO BID

2. Enter order for Glucovance (glyburide/metformin) 5 mg/500 mg PO BID

Special instructions: Enter both orders in sequence without discontinuing first order.

Test Case 7:

Order instructions:

1. Enter order for Metronidazole 250 mg with SIG: "Take two tablets by mouth twice a day." Duration: 7 days, Dispense amount: #14.

Special instructions: Enter order using 250 mg tablets only (total dose: 500 mg BID).

Test Case 8:Order instructions:

1. Enter order for Sertraline PO daily (without entering a dose).
2. D/c first order
- [3. Enter order for Sertraline 25 mg PO (without SIG).]

Special instructions: Note: This is a 2-part test.

Test Case 9:Order instructions:

1. Enter order for Synthroid (levothyroxine) 100 mg PO daily.

Special instructions: None.

Test Case 10:Order instructions:

1. Type "penicil" into drug search function.
2. Select Penicillamine from menu (even though what was desired was penicillin).

Special instructions: None.

Test Case 11:Order instructions:

1. Enter order for Tylenol Junior Strength Chewable Tabs, 160 mg #24 with instructions (SIG) to administer "1 dropperful every 4 hours."

Special instructions: None.

Test Case 12:

Order instructions:

1. Enter order for Cardizem CD (diltiazem) 120 mg PO QID.

Special instructions: Make sure to select CD (extended-release) formulation.

Test Case 13:

Order instructions:

1. Enter order for Methotrexate 15 mg PO daily.

Special instructions: None.

Test Case 14:

Order instructions:

1. Enter order for Edurant (rilpivirine) 25 mg PO 9am.

Special instructions: None.

Test Case 15:

Order instructions:

1. Enter order for Prednisone PO as 6-day taper with decreasing doses of: 60 mg x 1 day, 50 mg x 1 day, 40 mg x 1 day, 30 mg x 1 day, 20 mg x 1 day, 10 mg x 2 days.

Special instructions: None.

Test Case 16:

Order instructions:

1. Enter order for Coumadin 6 mg PO daily Saturday and Thursday, 4 mg PO daily all other days (Mon, Tues, Wed, Fri, Sun).

Special instructions: None.

Test Case 17:

Order instructions:

1. Enter order for Streptomycin 0.5 mg IM daily.

Special instructions: None.

Test Case 18:

Order instructions:

1. Enter order for Levofloxacin 750 mg IV q24 hours.

2. Enter order for Levofloxacin 500 mg PO q24 hours.

Special instructions: Enter both orders in sequence without discontinuing 1st order. If Levofloxacin not on formulary, enter orders for 1) Cipro 400 mg IV q12 AND 2) Cipro 500 mg PO q12.

Test Case 19:

Order instructions:

1. Enter order for Vancomycin 1.25g IV q12 hours.

2. Change dose on first order to 900g IV q12 hours.

Special instructions: *Modify the order without d/c-ing it, if possible.*

Test Case 20:

Order instructions:

1. Enter order for Cefepime 2 gm IV q8 hours PRN.

Special instructions: If Cefepime not on formulary, enter order for Cephazolin 2 gm IV q8 hours.

Test Case 21:

Order instructions:

1. Enter order for Dexamethasone 100mg IV push.

Special instructions: Note: original prescriber intended to order Hydrocortisone.