Given Pneumovax Vaccine For Patients:
- Age 65 yrs or older
- Going to surgery
- Unknown Vaccination History (Note: Rare incidence of fever, swelling or anaphylaxis may occur)
- 4th Hemovax

ASSESSMENTS:
- Pneumovax
- Influenza Vaccine
- Pregnancy
- Lactation
- Smoking
- MRSA

ASSESSMENT ORDERS
- Pneumovax 23-val vaccine
- Influenza Vaccine
- Pregnancy
- Lactation
- Smoking
- MRSA

SMOKING CESSATION ITEMS
- Nicotine 7 mg 24-hour topical
- Nicotine 14 mg 24-hour topical
- Nicotine 21 mg 24-hour topical

VENOUS THROMBOEMBOLISM RISK ASSESSMENT:
- Indications for venous thromboembolism prophylaxis:
  - Order venous thromboembolism (VTE) prophylaxis unless patient is at low risk (less none of the below risk factors):
  - Age 40 years old or greater
  - Recent surgery lasting 45 minutes or more
  - History of venous thromboembolism

SERVICE LIST:
- Medicine and Neurology
- Neurosurgery
- Vascular Surgery
- Hip Fracture Surgery
- Acute Ischemic Stroke
- Total Hip and Knee Surgery
- Trauma and Spinal Cord Injury
- Heparin Doses Above 5000 Units

PHARMACOLOGIC AGENTS
- Heparin injection
- Dalteparin injection

NON-PHARMACOLOGIC ORDERS
- Mechanical prophylaxis
- Patient education
- Lab orders

Relevant Lab Results:
- Prothrombin Time: 12.3 (Normal: 11.0)
- INR: 1.0 (Normal: 1.9)
- Hemoglobin: 10.9 g/dL (Normal: 12.0-15.0)
- Platelet Count: 150,000 (Normal: 150,000-450,000)

I will order pharmacologic prophylaxis. 
I will order mechanical prophylaxis. 
I will not order any VTE prophylaxis.