

Lecture 7

Chapter 18

- a. Mail Order Pharmacy – a pharmacy that sends medication to patients through the mail
 - 1) View the following video showing the process of a mail order pharmacy:
<https://youtu.be/GP9aYEQc0vk>
 - 2) These pharmacies aren't walk in facilities. This is also known as being "closed door" facility.
 - 3) Automation is essential for mail order pharmacies to ensure mistakes aren't made during the dispensing process.
 - 4) Counseling is offered via 1-800 call centers

- b. Long Term Care facilities – these facilities provide care for those unable to provide care for themselves. This includes nursing homes, psychiatric institutions, and rehabilitation facilities.
 - 1) Technicians play a vital role in preparing medication carts, filling automated dispensing systems, and crash/code cart.
 - 2) What is a crash/code cart? View this YouTube Video: <https://youtu.be/Zaj1Bd2eXbg>
 - 3) Pharmacists that work in these institutions are often called "Consultant Pharmacists"

- c. Home Infusion – provides pharmaceutical care in a patient's home; pharmacies that provide home infusion care specialize in intravenous medications and enteral formulations.
 - 1) Therapies provided include: antibiotic therapy, parenteral nutrition, pain management, chemotherapy (pg. 636)
 - 2) Compounding of intravenous medications follows which of the following: USP 795, USP 797, or USP 800?
 - 3) Home Infusion pharmacies must be coordinated and communication must flow through various providers of care which include: pharmacists, physicians, pharmacy technicians, nurses, nutritionists/dietitians
 - 4) View this video discussing home infusion: <https://youtu.be/baQ1glQU7wA>

- d. Nuclear pharmacy – these pharmacies are specialized in providing radiopharmaceuticals for the diagnosis and treatment of disease
 - 1) Review page 638-639 of text and the examples of radiopharmaceuticals used in diagnostic testing
 - 2) Radiopharmaceuticals are considered hazardous medications
 - 3) Orders for radiopharmaceuticals consist of four elements: agent to be administered, amount of radioactivity, time of administration, patient name (pg. 639)
 - 4) Workers must wear badges to monitor radiation exposure
 - 5) View the following YouTube video about nuclear pharmacy:
<https://youtu.be/YqSFlhGRle0>

- e. Compounding community pharmacies – these pharmacies fill prescriptions like any other chain pharmacy but also provide the additional service of providing simple compounding formulations.
 - 1) Simple non-sterile compounding includes: crushing tablets and suspending the crushed tablets in simple syrup, making an ointment or paste for diaper rash, making a magic mouthwash that consists of Benadryl, lidocaine, and nystatin for mouth ulcers.
 - 2) An example of a local pharmacy that compounds: <https://youtu.be/D2WA-Xtb8uU>
 - 3) These pharmacies fall under the guidance of USP 795, USP 797, and USP 800