

LAB 12 – TASKS...

× 2 Rx

+ 1 Rx for a nasal spray

× See Pharmaceutics II course packet p. 106 - 107

+ 1 Rx for an inhaler

× See Pharmaceutics II course packet p. 70

× Remove Combivent® from drug list and add Qvar® and Atrovent®

× 2 preps

× 1 OTC

PREPARATION OF SUPPOSITORIES

1. Melt the base
 - + Grate cocoa butter if needed
 - + Do not melt cocoa butter to a bright yellow color
 - + Use a waterbath to help prevent overheating
2. Incorporate medication
 - + May need to triturate powders
 - + If the drug does not dissolve in the base, it must be stirred continuously while pouring to assure even distribution of the drug
3. Pour into mold
 - + Too hot...powder will settle to tip or melt plastic mold
 - + Too cool...air pockets will form
 - + Overfill the molds to allow for shrinkage upon cooling

PREPARATION OF SUPPOSITORIES

4. Allow to cool and congeal

- + At room temperature or in the refrigerator (~5 – 10 minutes), but not in the freezer
- + Flatten ends of suppositories

5. Remove from mold

- + After warming to room temperature
- + Do not press on the tip end!

PREP #29 – ASPIRIN SUPPOSITORIES

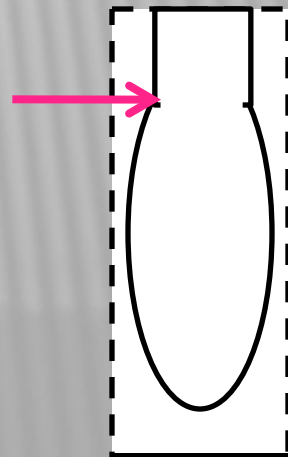
- × Size of molds = 2 g
 - + “Cocoa butter q.s. 2 g”
 - + Calculate for two extra suppositories
 - × Price discrepancy
- × Use metal suppository mold
 - + Check to make sure it is clean before use
 - + Clean well with soap and hot water after use
 - × Don't scrub with a brush!

PREP #29 – ASPIRIN SUPPOSITORIES

- × Packaging = slide box using weighing paper as a divider
 - + Will be demonstrated in lab
- × Storage = refrigerator
- × Expiration date = 6 months
- × Label as “Aspirin ___ mg suppositories”

PREP #30 – PROGESTERONE SUPPOSITORIES

- × Size of molds = 1.3 g
 - + “PEG base q.s. 1.3 g”
 - + Calculate for two extra suppositories
 - × Price discrepancy
- × Progesterone is placebo & PEG base = Base A (PEG 1450)
- × Use plastic disposable suppository molds
 - + Be careful not to melt the mold
 - + Fill to “neck” of mold
 - + Dispense suppositories in the mold



PREP #30 – PROGESTERONE SUPPOSITORIES

- × Packaging = disposable suppository molds in a ziplock bag
- × Storage = room temperature
- × Expiration date = 6 months
- × Label as “Progesterone ____ mg suppositories”