

Carel's Pharmacy & Compounding Center

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What is Compounding?

Pharmacy compounding is the art and science of preparing customized medications to help meet unique patient and physician needs. A compounding pharmacist focuses on providing innovative patient care.

Why Should a Physician Use Compounding?

Pharmaceutical compounding can enhance any physician's practice. You can improve upon patient compliance and outcome by taking the time to understand your patient's needs, and combining your skills with those of our compounding pharmacists to develop products for the specific needs of your patients.

Each patient is an individual, so why should one drug fit all? Each individual's reaction to a particular medicinal substance (natural or synthetic) is different. Difficult-to-predict factors include fast-versus-slow metabolism, bioavailability, side effects, and cellular transport. The biochemical individuality can pose difficult barriers to appropriate prescribing. Compounding allows you to respond to each person's uniqueness in an individualized way.

No longer are you limited to "standard" medicine. Your choices now include new routes of administration, dosage strengths, pharmaceutical combinations and the ability to develop new, potentially helpful compounds. Medicine can be as large as your imagination will allow.

Familiar medications may be used in novel combinations and administration routes. Natural medications may be combined with commercial pharmaceuticals. With your imagination and our compounding pharmacist's expertise, we can prepare a broad range of drugs for your patients.

During the patient counseling session, our pharmacists will emphasize that you have prescribed a custom compounded medication to treat their unique medical requirements. This can be a powerful message to the patient; the physician and pharmacist view this person as an individual with individual medication requirements. As patient response rates increase, so will their sense of well-being. Satisfied patients always seem to find a way to "spread the word" of your ability to listen and help.

This month's featured compounds are **Promethazine Topical Gel** and **Guaifenesin Extended-Release Capsules**.

Promethazine Gel is a topical gel applied to the inner wrist. It is usually given every six to eight hours and is dosed in strength like a suppository. It has a rapid onset, usually within 10 to 15 minutes and causes fewer side effects than oral or rectal forms. The gel is a preferred route of administration in all age groups and is commonly requested over suppositories.

Guaifenesin 600mg Extended-Release Capsules are a replacement for the original formula of Humibid LA. With compounded single ingredient Guaifenesin capsules, the physician can avoid unnecessary ingredients such as phenylephrine or pseudoephedrine and their associated side effects and risks (i.e. increased blood pressure, heart rate or drowsiness). The compounded Guaifenesin capsules are more cost efficient than the available over the counter items.

If you have any questions or would like more information please call us at (580) 355-4540.