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We welcome your questions and your medication challenges!

Customized Medications Quality Matters

MD Custom Rx, a compounding-only pharmacy, is committed to providing high-quality compounded medications in the dosage form and strength prescribed by the physician. Through the triad relationship of patient, physician, and pharmacist, all three can work together to solve unique medical problems.



The demand for professional compounding has increased as health care professionals and patients realize that commercially available medications do not meet the needs of many patients, and that these patients may have a better response to a customized medication dosage form. Our compounding professionals can customize medications to fit each individual patient.

MD Custom Rx's Commitment to Quality

MD Custom Rx is a PCAB Accredited Compounding Pharmacy, certified to follow the highest level of prescription compounding standards.

PCAB Accreditation is awarded only to compounding pharmacies who:

- Use only chemicals from highly reliable suppliers
- Obtain regular, specialized training for compounding pharmacists and technicians
- Maintain pharmacy facilities meeting design and other related standards to ensure pharmacy is clear and free of contamination
- Meet or Exceed USP <795> standards for prescription compounding
- Adhere to the PCAB "Principles of Compounding"

MD Custom Rx offers a broad range of prescription compounding options, as well as a high level of personalized attention and care. Having your prescription prepared by a PCAB Accredited Compounding Pharmacy is important because it helps to ensure your prescription will be safe and potent.

While all compounding pharmacies are required to meet the requirements set by their respective state boards of pharmacy, PCAB Accreditation denotes a more stringent and comprehensive standard which serves as an assurance that our compounding pharmacy has been tested against the profession's most rigorous standards.

Our accreditation confirms our commitment, to providing safe, personalized solutions that meet the medical needs of our patients - and the needs of the healthcare providers in our community.

Quality Compounding Maximizes Therapeutic Outcomes

The efficacy of any formulation is directly related to its preparation, which is why THE SELECTION OF A COMPOUNDING PHARMACY IS CRITICAL. Ongoing training for compounding pharmacists and technicians, state-of-the-art equipment, and high quality chemicals are essential. Experience and ingenuity are important factors as well. When adjusting a formula or developing a unique preparation, our compounding pharmacists must consider physical and chemical properties of both the active ingredient(s) and excipients, solubility, tonicity, viscosity, and the most appropriate dosage form or device for administering the needed medication. Standard Operating Procedures are in place, stability studies are considered when compounding, and appropriate potency and sterility testing are performed.

Our compounding professionals can formulate suitable medications into customized dosage forms, such as:

- **Transdermal and topical formulations** may offer significant advantages to traditional dosage forms. When a patient has difficulty swallowing, we can often formulate the needed drug as a transdermal gel or cream that will facilitate drug absorption through the skin. Transdermal administration is an option used for patients who are nauseated or have chronic illness, and is often preferred by pets and their owners, as well.
- **Troches, lozenges, freezer pops, and lollipops** can be flavored and compounded to contain numerous medications, and can be dispensed in child-resistant containers. These are ideal dosage forms for children or patients who have difficulty swallowing, or when a medication (such as an anti-fungal drug) needs to be held in contact with the oral mucosa.
- **Lip balms, metered nasal or sublingual sprays, non-aerosol topical sprays, creams, gels, & ointments** can be used to apply medication directly to the affected site. Insufflators are ideal for applying medications in powder form to hard-to-reach areas such as the ear canal. Topical administration can reduce the amount of drug that the patient absorbs systemically, and therefore may reduce the risk of side effects. We can compound cosmetically appealing creams, ointments, and gels containing the specific medications needed to treat each unique problem.
- **Suppositories** remain a popular dosage form. Unique designs such as the “rectal rocket” facilitate simultaneous internal and external administration of medications to treat hemorrhoids and other conditions.



At MD Custom Rx, we also compound many other preparations such as sublingual drops, oral solutions, suspensions, capsules, and enemas.

Solving Medication Challenges

With unique delivery systems and devices, compounding is the perfect fit for a range of medical specialties. Here are just a few examples of how we can help you!

CUSTOMIZED HORMONE REPLACEMENT THERAPY (HRT)

When it comes to medicine, one size does not fit all. And that's especially true for HRT patients. Compounding helps regain the natural balance of hormones.

PAIN MANAGEMENT

Pain is one of the most common reasons patients seek medical attention. Compounding can help solve the unique challenges presented by patients in pain. Medications can be prepared in customized strengths, transdermal dosing and combination therapies to meet the needs of the patient..

SCAR, WOUND AND SKIN CARE

Our compounding pharmacists can prepare skin-soothing bases and active ingredients for optimal results.

SPORTS MEDICINE

Whether it's for muscle strains, nerve pain or repetitive injuries, compounding can create an athlete's personal best when it comes to medication.

PEDIATRICS

Compounding helps take the stress out of medicine time with flavorings, strength/ingredient variations and easy-to-give dosage forms. It also allows for allergen-free formulations.

DENTISTRY

Compounding pharmacists work with dentists to create custom mouthwashes, preparations for dry mouth, sedation medication and more.

VETERINARY MEDICINE

Getting animals to take medication is hard, and dosing can be tricky. Custom veterinary compounding benefits include modifying prescription strength, dosage form, and flavor.

