

## The Art, Science, and Technology of Pharmaceutical Compounding

By Loyd V. Allen



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The Art, Science, and Technology of Pharmaceutical Compounding presents, in a logical and progressive format, all the information that pharmacists and student pharmacists need to understand the purpose and processes of compounding.

Initial chapters describe requisite facilities and equipment, record keeping, calculations, and quality control.

Following chapters address, in turn, the compounding of each dosage form from powders and granules to injectables.

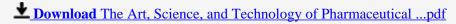
Additional chapters cover veterinary compounding; compounding for special populations, such as pediatric and geriatric patients; and compounding for specific procedures, such as iontophoresis.

Potential areas of growth are discussed in new chapters on compounding for clinical studies, compounding cosmetics, compounding with hazardous drugs, and compounding in the event of a natural disaster or terrorist attack.

9 appendices provide essential information on the compounding process and examples of standard operating procedures.

The necessary ingredients and steps are listed for compounding more than 200 sample formulations, including bases, vehicles, and ingredient-specific preparations.

This expanded 3rd edition has been updated to reflect new United States Pharmacopeia standards related to compounding, particularly the compounding of sterile preparations.





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**Loyd V. Allen Jr., PhD** is Editor-in-Chief, International Journal of Pharmaceutical Compounding, Edmond, Oklahoma, and Professor Emeritus, College of Pharmacy, University of Oklahoma, Oklahoma City.

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