

## **Hazle Compounding–We are your Pediatric Problem Solvers**

Children pose many challenges when it comes to medication. In general, they may resist having to take a medication, dislike the taste or texture, have difficulty swallowing solid dosage forms, and are fearful of injections.

The limited pediatric market for most drugs may be the leading reason for the lack of investment in drug development for this population by the pharmaceutical industry. Most medications are not labeled for pediatric populations, and when a medication is not approved for use in infants and children, it usually is not available in a suitable pediatric dosage form. Many drugs are not commercially available as liquids, and fewer are available in dosage forms that children like.

Fortunately, Hazle Compounding is able to help with all of these problems. Extemporaneous formulations have an important role, especially in infants and young children who are unable to swallow tablets or capsules. We can compound oral medications into pleasantly flavored suspensions, solutions, concentrates, freezer pops, “gummy bears” or lozenges, in colors that entice the child to take the medication. A palatable formulation is more likely to improve compliance and minimize spillage or waste during administration. Lollipops are an ideal alternative to “swish and swallow” medications that need to be retained in the mouth for a prolonged period of time. Most drugs can be compounded into transdermal gels that can easily be applied to an appropriate site, such as the child’s wrist, for absorption through the skin.

The efficacy of any compounded medication is influenced by the technique and equipment used in preparing the formulation, the purity and quality of the ingredients, choice of vehicle, and proper use of additives such as penetration enhancers.

Professional compounding is not just diluting existing medications, or mixing powders with bases. Our Compounding Pharmacists at Hazle Compounding consider physical and chemical properties of each active and inactive ingredient in order to prepare an effective and safe customized medication with the desired taste, color, fragrance, viscosity, uniformity, texture, and stability.

Hazle Compounding pharmacists are dedicated professionals meeting the unique needs of pediatric patients. We are your problem-solving specialists! For more information on pediatric compounding, please contact our compounding experts at Hazle Compounding, Broad & Wyoming Sts. Hazleton, Pa. 18201, 570-454-2958, [www.hazlecompounding.com](http://www.hazlecompounding.com)