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Lipoderm® Transdermal Bases by PCCA

Elegant, proven delivery of “medications in a cream for your patients.”

CEO: David Sparks
Founded: 1981
Employees: 250+
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Company Background

Three decades ago, a physician encountered a patient who required an anti-nausea medication that was no longer commercially available. The physician challenged a Houston-area pharmacist to compound the medication. The prescription was a success, and the pharmacist saw that others in his field faced similar demands to help patients who required compounded medications. This network of pharmacists, united by a commitment to meet patient needs, was the foundation of PCCA (Professional Compounding Centers of America).

Today, PCCA has become the independent compounding pharmacist's complete resource for fine chemicals, equipment, devices, flavors, ACPE-accredited training and education, pharmacy software, marketing, business and pharmacy consulting assistance. Our membership includes more than 3,900 independent community pharmacists in the United States, Canada, Australia, and other countries around the world.

Product Overview

LIPODERM® TRANSDERMAL BASES

Available exclusively from PCCA member pharmacies, the Lipoderm family of transdermal bases was independently tested, using the Franz Skin Finite Dose Model, and proven to deliver up to four drugs simultaneously through human skin *in vitro*. Also tested for allergic reactions – no adverse reactions were reported in an extensive two-month study. The Lipoderm family includes:

- **Lipoderm** is an elegant alternative to traditional PLO gels and contains a proprietary liposomal component that may increase the permeation of a variety of actives. Its touch and feel is smooth and creamy, unlike the tacky feel of PLOs. Many members have made the switch to Lipoderm for their

transdermal needs because it is a stable system that does not separate upon refrigeration and has great resiliency in the presence of ionic substances.

- **Lipoderm ActiveMax™** has the benefits of original Lipoderm with an added stabilizing system to provide resiliency in the presence of high salt loads. How do you know when/if you need Lipoderm ActiveMax? If you are using over 20% actives in a formula and experiencing separation or liquification. For example, 30% Ketamine HCl in Lipoderm ActiveMax demonstrated superior physicochemical attributes, remaining stable and elegant for six months.
- **Anhydrous Lipoderm** utilizes similar technology to the well-studied and popular base, Lipoderm, and is an anhydrous version for actives that are unstable in water. It is also free of gluten, casein, egg, wheat-germ, paraben, butylated hydroxytoluene (BHT) and soy. This base utilizes rapeseed-based phospholipids, and may provide a better alternative for autistic patients than traditional Lipoderm. It also has a neutral odor and silky feel.
- **Lipoderm High Molecular Weight™**, the latest in transdermal technology, is focused on the delivery of large molecular weight proteins. Lipoderm HMW does not contain lecithin, phospholipids or eggs, and could be an appropriate choice for autistic patients. This base has a low resiliency for salt forms of drugs, which cause the base to break.

For more information and to download studies, check out www.pccarx.com/lipoderm.