



TOPICAL AND TRANSDERMAL CLINICAL STUDIES

Your topical and transdermal studies need rapid and reliable clinical data to progress confidently. Through strategic planning, high-quality study conduct, and timely data delivery, we accelerate the translational element from the start to facilitate funding and strategic development.

Our focus on efficiency ensures **a rapid start-up and streamlined timelines** for your clinical trial.

Study start-up
in as little as
4 weeks

Scientific Excellence in Topical and Transdermal Studies

Every study we conduct is built on a foundation of scientific rigor and practical experience in dermal and transdermal research.

With deep early-phase clinical expertise, we help sponsors make confident, data-driven decisions that inform formulation optimization, dosing strategies, and later-phase development.

- Over **three decades** of experience
- Supported almost **all marketed products**, including:
 - narcotics
 - CNS agents
 - hormones
 - addiction therapies
 - analgesics

We have the specialized knowledge and expertise in topical and transdermal studies to ensure consistent application and assessment of therapeutics, in both healthy and patient populations. Risk mitigation and contingency plans are typically part of every study protocol.



Topical and Transdermal Expertise You Can Trust

We support your programs with early-phase clinical experience that includes **hundreds of studies** in **novel and generic drug development**:

- PK/PD dermal devices/implants
- Adhesion
- Irritation and sensitization (HRIPT)
- Intranasal vasoconstriction
- Franz diffusion cell *in vitro* skin permeation
- Allergy testing
- Topical pain models, including cold pressor test (CPT) and electronic von Frey
- Iontophoresis (with lidocaine for pain)
- Microarray

We evaluate adhesion and irritation/sensitization, visually and by photograph, as per the study protocol. Our visual readers cross-validate consistency of application for topical products, and we have a high-precision adhesion assessment process, using proprietary tools and ImageJ software.

Rapid Recruitment Strategies

We excel in recruiting study participants, with a large pool of over 400,000 healthy normal volunteers, patients, and special populations. Existing partnerships with hospitals and independent investigational sites enhance our recruitment capabilities for topical and transdermal studies. We meet enrollment targets swiftly, so your study advances without delays.



Fast Study Start-Up Without Compromise

In a commitment to efficiency and delivering timely trial results, we streamline **contract execution**, **regulatory document preparation**, and **participant recruitment**. Our strong project management, combined with a dedicated internal team and collaborative relationships with all key stakeholders, significantly reduces study start-up timelines.

With **three clinical pharmacology units** and co-located bioanalytical laboratories across the U.S. and Canada, we support multiple regulatory pathways, including Investigational New Drug (IND) submissions in the U.S. and Clinical Trial Application (CTA) submissions for Canada and Europe.

Turnkey Solution

We also offer a full suite of supporting CRO services, including protocol design, project and site management, bioanalytical support, clinical monitoring, data management, biostatistics, regulatory consulting, and report writing—delivering a truly turnkey solution for your drug development programs.