CORE IMAGING LAB

Biospective has a solid track-record of delivering top quality results in Phase Ib, Phase II, and Phase III studies across CNS therapeutic areas. We are a full-service Core Imaging Lab and can provide expertise and services to support all of the demands of small to large-scale studies. Our advanced 21 CFR Part 11 compliant technologies (PIANO™ for fully-automated image processing, and GRETEL™ for web-based project and electronic data management, and high-throughput image QC review) set us apart from other CROs.

STATE-OF-THE-ART IMAGE PROCESSING

PIANO™ is Biospective’s fully-automated image processing platform for clinical CNS studies. This 21 CFR Part 11 compliant, validated software includes core modules for all available MRI, PET, and SPECT neuroimaging techniques:

- MRI
  - Cortical Thickness & Brain Volumes
  - Advanced Diffusion Imaging
  - Arterial Spin Labelling
  - Spinal Cord Imaging
  - Neuromelanin MRI
  - Task and Task-Free Functional MRI
- PET & SPECT
  - Glucose Metabolism (FDG PET)
  - Amyloid and Tau Imaging (PET)
  - Dopamine Transporter (DaTscan™ SPECT)
PROJECT & DATA MANAGEMENT

**GRETEL™**

**GRETEL™** is Biospective’s cross-platform, modular, web-based software solution for data and project management in multi-center and home-based studies. The power of GRETEL™ stems from its ability to combine clinical, neuropsychiatric, imaging, and digital biomarker data from all subjects into a single, user-friendly, fully-transparent system.

STATISTICAL IMAGE ANALYSIS

Biospective has developed cutting-edge statistical image analysis tools to maximize the sensitivity for detection of subtle structural, functional, and molecular changes in response to treatment for a comprehensive understanding of therapeutic efficacy:

- Functional Connectivity (BOLD fMRI)
- Metabolic Connectivity (FDG PET)
- Structural Connectivity (Diffusion MRI)

CONTACT BIOSPECTIVE

Send us an email at info@biospective.com or call us at 1-514-360-0141.