

# **Beachwood Tech/Med/BioMed Presence**

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# ***Medical Manufacturing***

(Selling products/services; innovation/research/commercialization)

## **Affinity Whole Health**

**Website Home:** <https://www.affinitywholehealth.com/#home>

### **Locational Presence:**

- Cleveland (3401 Richmond Road, Suite 101, Beachwood, OH 44122)
- Columbus
- Indianapolis

**Research Summary:** lab work and medical evaluation focus specifically on hormones' impact on your overall health and wellness. Researched and evaluated numerous hormone therapy protocols in order to design a program that produces long-term results for patients.

### **Recent Innovation:**

- TCore20™ is a proprietary treatment program specifically designed by a team of knowledgeable medical professionals. The TCore20™ program is designed to naturally optimize key hormone levels and provide symptom relief for men and women. While some clinics focus only on testosterone, the 20-week program includes bioidentical hormone medications, customized pharmacy-grade supplements, and all the supplies one needs for home-administration.

### **Treatment Focus:**

- Bioidentical Hormone Therapy: Focused on treating hormone imbalances using a combination of key hormones including testosterone. Utilize additional treatments to balance the effects of testosterone and optimize one's hormone levels. By treating the source of low testosterone, patients experience more energy, improved libido, better workouts and much more.
- Semaglutide Treatment: weekly injections of Semaglutide regulate appetite and slow gastric emptying. Some patients report losing a pound or more per week. (Semaglutide is approved for chronic weight management in qualifying patients - a selective (GLP-1) receptor agonist that acts in the areas of the brain involved in regulation of appetite and caloric intake and slows gastric emptying)
- Peptide Therapy: Offers a range of peptides to enhance your results on specific health areas like weight management, sleep, joint pain, and lean muscle development.
- Vitamin & Amino Acid Therapy: Vitamin and amino acid products can jump-start your program by providing increased energy, better focus, and enhanced workout results.
- Erectile Dysfunction Therapy: To help men that are struggling with diminished sex drive and erectile dysfunction.
- Prescription Anti-Aging Acne Treatment: the prescription Tretinoin plus Niacinamide serum works to clear pores and increase skin cell turnover. This custom-blended serum can reduce the appearance of wrinkles, fine lines, discoloration, and rough skin caused by sun damage.

### **News:**

- [Affinity Whole Health expands services, adds Indiana location](#)

## **American Heelers**

**Website Home:** <https://www.orthopedicshoelift.com/>

**Services Summary:** Helping people with limb and leg length discrepancy by helping them correct it. What we do is split the sole at the bottom of any shoe of men, women, and children, add the build up to the specified size, taper at the toe, then reattach the original bottom of the shoe. This creates an aesthetically appealing look while alleviating pain in the foot, leg, hip, and back caused by the limb length discrepancy.

**Locational Presence:** <https://www.orthopedicshoelift.com/canada.htm>

- 24000 Mercantile Road Ste. 14, Beachwood, OH 44122

### **Relevant Products:**

- [Shoe Modification Service](#): Outfits a shoe with custom shoe lifts, which are not noticeable to other people when they look at one's feet. This service allows people with leg length discrepancies to buy the same shoes that everyone else buys and have the outfitted for shoe lifts.
- [Orthopedic Shoe Modification Service](#): Customizes shoes to correct leg length discrepancies.
- [Height Increase Shoes](#)
- [Shoe Increase](#): adding a shoe lift to the sole of the shoe (alternative to inserts if the leg length discrepancy is ¼ or more)
- [Heel Lifts](#): The lifts are installed by splitting the sole of your shoes in half, adding the build up as specified and then placing the bottoms back on. By using this method we ensure your foot does not experience the pains and side effects of thick insoles and the modification we complete is as least noticeable as possible.

## **DC Dental LLC**

**Website Home:** <https://www.dcdental.com/>

**Relevant Website Section:** Independent dental supplier

### **Locational Presence:**

- Baltimore, MD: Showroom & Corporate Headquarters.
- Brooklyn, NY
- Beachwood: 23645 Mercantile Rd, Suite J, Beachwood OH 44122

**Services Summary:** DC Dental inventories more than 40,000 of the most commonly used dental products and is an authorized distributor of over 100 of the most respected manufacturers in dentistry.

### **Relevant Products:**

- [Equipment & Service](#)
- [Specials & Catalog](#)

## **Empyrean Bioscience (Preventx)**

**Website Home:** <https://www.preventx.com/>

**Services Summary:** A consumer products company specializing in the marketing, sale, and distribution of innovative prophylactic personal care products designed to prevent the spread of infectious diseases. The company markets its products under the Preventx brand - largest digital sexual health service in Europe.

### **Locational Presence:**

- [Europe](#)
- [United States](#)
- Nearest to Beachwood: 10234 Alliance Road, Cincinnati, OH 45242

### **Services Information:**

- Proprietary technology platform: designed to enable rapid development, with a focus on ease of use for everyone. Creates a streamlined experience for service users, efficiently managing every step of the process from kit ordering, dispatch, lab, and results. Preventx uses a 'cloud first' approach to hosting their service. Preventx is also Cyber Essentials Plus certified – a Government-backed scheme to help businesses ensure their cyber security measures are secure against potential attackers.
- Fully accredited and regulated
- Insight through data and reporting
- In-house laboratory: the only digital sexual health service with its own in-house laboratory, and they have developed and evolved our processes specifically to test the small samples that are produced through self-sampling.
- Packing and dispatch
- Clinician-led oversight

### **News:**

- [Empyrean Bioscience Inc - Company Profile and News](#)
- [Preventx News \(on website\)](#)
- [Preventx launches US lab for STI testing](#)
- [Case Studies \(on website\)](#)
- [Research \(on website\)](#)

## **Eyewear International**

**Social Media Page:** <https://www.facebook.com/p/Eyewear-International-100037609722026/>

**Services Summary:** eyewear manufacturing/design

### **Locational Presence:**

- 24800 Chagrin Blvd Ste 211, Beachwood, OH, United States, Ohio

## **HB Surgical LLC**

**Website Home:** <https://www.hbsurgicalsolutions.com/>

**Services Summary:** Specializing in Neurosurgery, ENT, and Plastic Surgery, HB Surgical is a distributor of quality products for hospitals, surgery centers and physicians offices.

**Locational Presence:** Based out of Ohio, HB surgical services Ohio, Michigan, West Virginia, and Kentucky.

- 23293 A Commerce Park Beachwood, OH 44122

### **Products:**

- Plastic Surgery
  - [Mitaka \(MM51\)](#): the highest resolution optics available for supermicro and plastic surgery
- Neurosurgery
  - Anspach
  - [Kirwan Surgical Products](#)
  - [Ronin](#): lightest, brightest, longest running operating room surgical headlight
  - [Peter Lazic Microsurgical Innovations \(D-Aneurysm-Clip\)](#): innovative new generation of aneurysm clip that combines the benefits of a traditional aneurysm clip with all the advantages of their L-Aneurysm-Clip
- ENT
  - [Grace Medical](#)
  - Anspach
  - [Aeris](#): balloon catheter for treatment of airway stenosis
- Other
  - [DePuy Synthes Power Tools](#): DePuy Synthes' comprehensive portfolio of powered instruments offers solutions for cranial, joint reconstruction, maxillofacial, otological, spinal, sports medicine, and trauma surgeries.
  - [Vycor Medical](#): neurosurgical and neurotherapeutic solutions
  - [UFSK International-OSYS](#)

## **Health Data Innovations**

**Website Home:** <https://www.hd-innovations.com/>

**Services Summary:** Acquisition, cleansing, standardization, and integration of all types of healthcare data.

### **Locational Presence:**

- 3333 Richmond Rd # 470, Beachwood, OH 44122

### **Relevant Services:**

- **Inbound Data Standardization and Transformation:** Helps clients acquire and integrate data from external sources into their data warehouse environment. Clients benefit from receiving data from multiple sources in a single, customized, easily consumable format that conforms to their data warehouse requirements.
- **Claims data integration into the Epic Caboodle data warehouse:** Working with Epic, Health Data Innovations have developed a process to transform payer claims feeds into Epic's Community Specification format for loading into Caboodle.
- **Outbound Data Extract Creation:** HDI can serve as the conduit for supporting requests from vendors, consultants, and internal applications while using our client's standard extract as a starting point, and transforming and formatting the data to meet the content and layout requirements of each request
- **Data Conversions:** HDI can support a health plan's data conversion needs. In the process, data can be cleaned up, augmented, or aggregated to create a better, more efficient data set.
- **Data Model Development:** HDI can share their comprehensive healthcare data model with our clients and also review and assess the suitability of an existing data model or data warehouse structure.
- **Member/Patient/Provider Matching and Data Augmentation:** HDI can match vendor-supplied data to our client's own master member, patient, or provider files and append a client-specific identifier onto each claim. Sometimes clients want to augment either their internal data or externally-supplied data with information, so HDI can also identify reference data sets and append the new information during the data transformation process. Services can be provided on a one-time or ongoing basis.

## **Innovative Medical Equipment (ThermaZone and Mercury Biomed)**

**Social Media:** <https://www.linkedin.com/company/innovative-medical-equipment-llc/about/>

**ThermaZone Website Home:** <https://therma-zone.com/>

**Mercury Biomed Website Home:** <http://www.mercurybiomed.com/>

**Specialties:** medical devices, migraines, hot and cold therapy, bruising, orthopedics, plastic surgery, and physical therapy

**Services Summary:** specializes in the development, manufacturing, licensing and distribution of medical equipment directly to end-consumers and to physicians. IME is a team of professionals, business leaders, and engineers committed to helping medical professionals with the development, manufacturing, and commercialization of medical equipment and technologies to improve patient care and well-being to advance the medical profession. Still early in its evolution, the company has several products that are in various stages of design, patent approval, prototype or manufacturing.

### **Locational Presence:**

- 23950 Commerce Park. 100. Beachwood, Ohio 44122, US

### **Recent Innovation:**

- [An Ohio Company is at the Forefront of Non-Opioid Pain Management](#)
- [Ohio government, companies and organizations seek non-opioid pain management options](#)

- [Ohio Third Frontier awards \\$1.9 million to Cuyahoga County businesses, institutions to combat opioid epidemic](#)
- [Thermazone® Thermal Therapy Device](#) - ThermaZone® is a powerful, compact, thermo-electric pain relieving device providing heating and cooling therapy without the use of ice.
- [About Innovative Medical Equipment](#)
- [Mercury Biomed wins \\$1.4m grant for thermal body tech](#)
- [Mercury Biomed receives Third Frontier funding for its warming technology](#)

## **MIM Software**

**Website Home:** <https://www.mimsoftware.com/>

**Services Summary:** providing innovative software solutions for Radiation Oncology, Nuclear Medicine, Radiology, Interventional Radiology, and Molecular, Neuro, and Cardiac Imaging.

**Locational Presence:** North and South America, Asia, Europe, Africa, and Australia

- Primary: 25800 Science Park Drive, Suite 180, Cleveland, OH 44122, US

### **Relevant Products:**

- [Radiation Oncology](#)
  - [MIM Maestro®](#) lays the foundation for improved treatment planning by creating accurate, easily accessible imaging data to help clinicians form a comprehensive understanding of prior therapy history and a patient's current disease. It is a vendor-neutral solution which leverages best-in-class image registrations and user-friendly layouts to build confidence when contouring target volumes, assessing prior treatments, and addressing tumor motion.
  - [Contour ProtégéAI®](#) is an auto-contouring solution that also addresses your clinical workflow bottlenecks and allows for seamless collaboration.
  - [MIM Symphony LDR™](#) (MRI-Guided Brachytherapy Planning) allows for MRI and CT-guided planning for prostate. It is a fully-featured solution without add-on modules.
    - **MIM Reslicer®** provides seamless MRI to ultrasound registration.
    - **Predictive Fusion®** guides you to eliminate misalignments and deformation errors during ultrasound acquisition.
    - **Full Platform** is the full treatment planning platform for MR or US-based planning with the same platform and tools as MIM Maestro®.
  - [MIM SureCalc® MonteCarlo](#) - accurate 3D dose calculation
- [Radiology & Nuclear Medicine](#)
  - [MIM Encore®](#) automates nuclear medicine with flexible standardization
  - [MIM SurePlan™ MRT](#) calculates patient-specific absorbed dose
  - [MIM SurePlan™ LiverY90](#) provides timesaving tools for liver and tumor segmentation, deformable registration, and post-treatment dosimetry using Y90-PET and Bremsstrahlung SPECT.
  - [MIMneuro®](#) is a quantitative analysis software that makes it easy for you to review your exams and gather your results

- [MIMcardiac®](#) is quantitative analysis for Cardiac PET and SPECT with robust image registration, automated left ventricle segmentation, and more
- [MIM Symphony Dx™](#) (Prostate mpMRI and Radiology) with advanced prostate mpMRI visualization features designed to streamline analysis into just four steps
- Molecular Radiotherapy
  - **MIM SurePlan™ MRT** (in Radiology & Nuclear Medicine Category)
- mpMRI Visualization and Analysis for Prostate
  - **MIM Symphony Dx™** (in Radiology & Nuclear Medicine Category)
  - [bkFusion™](#) the commercial introduction of its MRI prostate fusion software fully integrated on BK Ultrasound's premium ultrasound system, the bk3000 (MIM Symphony Bx → bkFusion)
- [Remote Access](#) (for mobile devices)
  - [MIMcloud®](#) internet-based medical image service that provides an easily accessible resource for storing, sharing, and viewing your data
  - [Mobile MIM™](#) for iPad® and iPhone® to view patient studies and plans anywhere, at any time - reshaping patient consultations and chart rounds
  - [VueMe™](#) for iPhone® and iPad® for securely viewing your medical images and facilitate informed communication with your doctor, friends, and family

#### News and Innovation:

- [Cyber Security: MIM Software Authorized as a CVE Numbering Authority \(CNA\)](#)
- [MIM Software Celebrates MTIC's First Total-Body PET/CT Scanner](#)
- [FDA Clears Update of AI-Enabled Imaging Contour Models](#)
- [MIM Software, Sitex team up to treat cancer](#)
- [MIM Software Inc. Announces Global Partnership with GenesisCare \(leading global provider of integrated cancer care\)](#)

## MultiCASE

Website Home: <https://multicase.com/>

**Services Summary:** research and development of innovative (Q)SAR methodologies and software solutions

#### Locational Presence:

- [5885 Landerbrook Dr #210, Mayfield Heights, OH 44124](#) (listed on website)
- [23811 Chagrin Blvd Suite 305 Beachwood, OH, 44122 United States](#) (listed on LinkedIn)

#### Applications of In Silico:

- [ICH M7](#): designed in collaboration with the US FDA to assist with evaluating and classifying pharmaceutical impurities in accordance with the ICH M7 guideline. CASE Ultra contains the following functionalities to generate supporting evidence for ICH M7 predictions:
  - [One Prediction](#): Arrive at a conclusive outcome from contradictory or inconclusive predictions from the two (Q)SAR methodologies.



- Compound Classification: Classify your compounds with respect to mutagenic and carcinogenic potential as outlined in ICH M7.
- Surrogate Analysis: Search for surrogate chemicals to evaluate the mutagenic potential of structural alerts in the context of the query chemical's structural environment. For example, if surrogates are experimentally Ames negative and contain the same alert as the query chemical, positive in silico mutagenicity outcomes can be refuted and converted to ICH M7 Class 5.
- Supporting Data: Access supporting mutagenicity and carcinogenicity data from databases.
- Nitrosamine Evaluation: created in collaboration with the US FDA to aid in evaluating the carcinogenic potency of nitrosamines.
- Early Stage Research
  - Maximize Research Budgets: in silico assessments are a fast and cost-effective technique that can generate useful information about a compound. By calling attention to structural liabilities early, medicinal chemists and toxicologists can positively affect the success of a project by influencing preclinical activities such as formulation, animal model selection, and study design.
  - Gain Additional Insights: MultiCASE software is used to provide toxicologists and medicinal chemists with additional context that can aid with interpreting inconclusive experimental results and gain insights into underlying mechanisms behind the endpoint of study.
  - Develop Candidates with Optimal Properties: Integrating in silico testing in early discovery and research phases allows medicinal chemists to present pre-clinical candidates with optimal properties and reduced potential for adverse effects or reactive metabolite formation in vivo or during clinical studies.

#### Software:

- CASE Ultra is a software program used in computational toxicology that identifies structural alerts related to toxicity using (Q)SAR.
  - Toxicity Endpoints: CASE Ultra (Q)SAR models are validated using OECD guidelines and come with QMRF reports. Models are available for the following toxicological endpoints: Bacterial Mutagenicity/ICH M7, Genotoxicity, Carcinogenicity, Skin Sensitization, Acute Toxicity, Endocrine Disruption, Reproductive Toxicity, Developmental Toxicity, Cardiotoxicity, Hepatotoxicity, Renal Toxicity, ADME, Ecotoxicity
  - Structural Alerts: Similarity measures are automatically employed to find analogs that have the same structural alerts as the query chemical. The program also alerts the user to alerts contained by analogs that are not shared with the query chemical when appropriate.
  - Advanced Search: Different types of searches are usually needed to support in silico toxicity assessments. The databases in the MultiCASE platform are used for these tasks:
    - Bioactivity Search: This type of search is applied automatically by the software. When a query chemical is submitted for assessment, the connected databases are searched to determine if any experimental activity data is available. If found, the

search result is reported with details such as assay conditions, dosage, duration of treatment, and species/strain information.

- Similarity-Based Search: Similarity-based searches can be carried out for read-across purposes and to search for structural analogs to aid in expert review.
- Substructure Search: Substructure searches are sometimes used to determine the toxicity potential of specific parts of a query chemical structure. Retrieved hits with specific structural alerts can be used to determine the alerts' relevance in the context of the query chemical. Special alert environment similarity measures are employed for finding relevant analogs that have a similar structural environment around an alert.
- Data Curation: Curation of chemical data is a crucial starting step in any workflow and is carried out using the DataKurator tool. Appropriate curation is critical in getting accurate results and needed for harmonizing the structures of the query chemicals with the databases to reduce out of domain outcomes and to increase the success of the database searches. DataKurator can be used to perform batch curation of tens of thousands of chemicals at a time.
- QSAR Flex: One program with multiple in silico tools for approaching complex risk assessments using a weight of evidence approach.
  - FlexFilters Methodology: The FlexFilters platform enables the user to execute and integrate various computational toxicology tasks including read-across, molecular fragment handling, descriptor calculations, QSAR modeling, and predictions.
  - Endpoints and Models: Evaluate the following endpoints with QSAR Flex: Carcinogenic Potency of N-Nitrosamines more, Molecular Properties, Ecotoxicity
  - Data Curation: Curation of chemical data is a crucial starting step in any workflow and is carried out in QSAR Flex using the DataKurator tool.
- META Ultra: Calculate the probability of metabolite formation and screen for toxicity potential
  - Identify Sites of Metabolism: META Ultra uses a data-driven approach to analyze the atomic environment around each site of metabolism (SOM) up to a depth of 3 bonds.
  - Predict Formation Probability: The probability of the formation of Phase I and Phase II metabolites are predicted using (Q)SAR.
  - Database Search: META Ultra contains data for experimentally observed metabolites of drugs and chemicals. The database is composed of 14,697 of known human metabolites and their parent compounds, 17,488 known human metabolic transformations, 4511 responsible enzymes located in 10 organs, 329 types of reactions and yields, and so on. A collection of 36,121 unique literature references supports these experimental findings. Experimentally observed metabolites are indicated by the program.
  - Additional Information: Each metabolite contains information including the reaction type, enzymes involved, species, location, and literature references. Molecular properties are calculated for logP and water solubility. META Ultra can also identify reactive metabolites by connecting to CASE Ultra.

#### News:

- [MultiCASE Platform for In Silico Toxicology](#)
- [SBIR Analysis](#)

# **National Biological Corporation**

**Website Home:** <https://www.natbiocorp.com/>

**Services Summary:** Phototherapy is an FDA-cleared treatment for Psoriasis, Eczema, Vitiligo, and other skin conditions. A typical treatment protocol involves treatment with UVB light for a prescribed amount of time; typically ranging from 15 seconds to a few minutes up to 3 times per week. Phototherapy is available in your dermatologists office and now in your home with NatBio home phototherapy systems.

## **Locational Presence:**

- 23700 Mercantile Rd #5900, Beachwood, OH 44122

## **Relevant Products:**

- [Dermalight® 90 \(Compact Handheld Phototherapy Device\)](#): Dermalight® 90 is a lightweight, handheld phototherapy device that provides fast and effective targeted treatments for psoriasis, vitiligo and other photoresponsive skin conditions – all from the comfort, convenience, and privacy of your own home.
- [Dermalume 2X™ \(A Handheld Phototherapy Device for Targeted Treatment\)](#): The Dermalume 2X™ is a folding, handheld phototherapy device that provides fast and effective targeted treatments for psoriasis, vitiligo, and other photoresponsive conditions – all from the comfort, convenience, and privacy of your own home.
- [Handisol® \(Localized UVB Light Treatments in a Convenient & Portable Unit\)](#): The redesigned Handisol is a mid-size, home phototherapy system that offers efficiency, effectiveness, and affordability. The Handisol is designed to provide effective localized treatments for psoriasis, vitiligo, and other photoresponsive skin conditions – all from the comfort, convenience, and privacy of your own home.
- [Panosol 3D® \(Full-Body High Output Phototherapy Treatment in Minutes\)](#): The Panosol 3D® is an affordable, full-body, home phototherapy system trusted by tens of thousands of patients. The P3D is designed to provide fast and effective full body treatments for psoriasis, vitiligo, and other photoresponsive conditions – all from the comfort, convenience, and privacy of your own home.
- [Panosol II® \(Full-Body & Localized Phototherapy Treatment\)](#): The Panosol II® offers effectiveness, flexibility, and convenience in an affordable, space-saving platform. Entrusted by thousands of patients worldwide to deliver accurate and effective treatments, the Panosol II® is an ideal solution for those treating psoriasis, vitiligo, and other photoresponsive conditions.
- [Clinical Units:](#)
  - [Houva 4® \(Trusted Phototherapy Solutions for Full-Body Clinical Treatments\)](#): combines proven phototherapy treatment with the latest technology in UV light measurement.
    - [DermaSense® Technology](#): Only Houva 4® has DermaSense®, the exclusive dual measuring technology that features integrated, removable microprocessor-controlled sensors that constantly monitor UV and electrical power levels with real time readings. DermaSense® automatically controls UV energy, making conventional light meter readings unnecessary and assuring optimal treatment times. Houva 4® controls are designed to never fail in the “ON” position.

- [Houva II® \(Phototherapy System with Photosense® Technology\)](#): phototherapy unit for full-body clinical treatments
  - [PhotoSense® Exposure Control](#): Because the Houva II® features separate UVA and UVB PhotoSense® Exposure Controls and UVA and/or UVB measuring devices, you and your patients benefit from precise treatment management regardless of which regimen you choose. As an added safety measure, you may preset a maximum exposure time to minimize the chance for overexposure.
- [Clinical Hand / Foot II™](#): Our Hand/Foot II™ unit is designed for localized treatment on patients' hands or feet. Each unit is equipped with a sturdy protective shield above the lamps. The patient can rest his hands and feet on this shield, making treatment more comfortable.

#### **News:**

- [Phototherapy Market Growing While Psoriasis Drug Market Declines, Reports National Biological Corporation](#)
- [6 Things Doctors Want You to Know Before Trying Light Therapy for Psoriasis](#)
- [Phototherapy Market Size Worth USD 0.56 Billion by 2030 at 4.50% CAGR – Report by Market Research Future \(MRFR\)](#)

## **National Diagnostic Imaging**

**Website Home:** <https://www.ndximaging.com/>

**Services Summary:** One of the top teleradiology service providers in the US

- Radiology readers work remotely with referring physicians from all over the US

#### **Locational Presence:**

- 25700 Science Park Dr # 180, Beachwood, OH 44122

#### **Services (Expanded):**

- NDI radiology image interpretations via teleradiology
- Teleradiology services for hospitals & emergency rooms
- On-site & off-site radiology reporting services & RTATs
- Teleradiology services for diagnostic imaging centers
- Request teleradiology PACS setup & radiology IT support
- NDI teleradiology solutions, quality and image delivery
- Radiology STAT orders and critical results reporting
- Credentialing services for NDI teleradiology customers
- Radiology read quality assurance peer review program
- On-site radiology reading and interpretation services
- Referring physician portal in the NDI PACS system

## **Prema Wellness Center**

**Website Home:** <https://www.premawellnesscenter.com/>

**Services Summary:** GLP-1 Medication to suppress appetite through once-weekly injections through blocking Ghrelin (the “hunger hormone”)

**Locational Presence:**

- 3690 Orange Pl #150, Beachwood, OH 44122

**Innovation/Expanded Service Explanation:**

- The Weight Loss Injection program is a titratable monthly program, starting at a low dose and titrating upward every week, as tolerated. It is expected that an individual will lose an average of 8 pounds a month while on the program.
- Common side effects of GLP-1 Medication include nausea, diarrhea, vomiting, constipation, abdominal pain, headache, fatigue, acid reflux, abdominal distention, Gerd, flatulence, and gastroenteritis. The Weight Loss Injection program uses a low dose and the main side effects are nausea and constipation which can be managed by taking anti-nausea medicine and stool softeners.
- GLP-1's target the specific and dangerous “visceral fat” that is carried around our organs and can inhibit normal functioning.
- GLP-1 Medications can be taken and stopped once the weight loss has been achieved and does not require tapering. They are non-addictive, non-controlled that can be given without a minimum weight loss requirement.

## **Prescription Weight Loss**

**Website Home:** <https://www.scriptweightloss.com/>

**Services Summary:** Weight loss

**Locational Presence:**

- 24300 Chagrin Blvd Computer Lab, Beachwood, OH 44122

**Expanded Services:**

- [Medical Weight Loss](#): custom program designed for each client, extensive medical evaluation, personalized meal plans, exercise and fitness, maintenance program, added tools and services (wellness visits, digital tools to monitor progress, reminders, etc.)
- [Wellness Center](#)
- [Products](#):
  - [Nutritional Products](#): convenient supplements, snacks and shakes that complement one's weight loss program by delivering key nutrients needed to increase your metabolism and carb cravings.
  - [B12 Booster Packages](#): injectables that provide a potent blend of vitamin B12 and natural compounds that boost one's metabolism and energy levels
  - [Sermorelin](#): for Growth Hormone Deficiency (GHD) Treatment. Sermorelin encourages the pituitary gland to increase its production of life-restoring Human Growth Hormone

(HGH). Sermorelin reverses the signs of aging by encouraging the increase in natural release of HGH.

## **Shimadzu**

**Website Home:** <https://spi-inc.com/corporate-information>

**Relevant Website Section:** <https://www.shimadzu-usa.com/>

**Services Summary:** Sales and service of Shimadzu's Medical Imaging Equipment

### **Locational Presence:**

- Headquartered in Torrance, California, with offices in Texas and Illinois.
- Shimadzu Precision Instruments, Inc. is a wholly owned subsidiary of Shimadzu America, Inc. a wholly owned subsidiary of Shimadzu Corporation, Japan.
- Shimadzu Medical Systems USA - Cleveland Office: 25101 Chagrin Blvd #240, Beachwood, OH 44122

### **Relevant Products:**

- [Radiography / Fluoroscopy](#)
- [Radiography](#)
- [Dynamic Digital Radiography](#)
- [Interventional X-ray](#)
- [Mobile X-ray](#)
- [DR Neutral Solutions](#)
- [Outpatient Based Imaging](#)

### **News:**

- [News Listed on the Website:](#)
  - [Shimadzu Medical Systems USA announces the release of V series Glass-Free Flat Panel Detectors for general radiography systems.](#)
  - [Shimadzu Medical Systems USA announces the release of Konica Minolta Glassless FPD on SONIALVISION G4 LX and FLUOROSPEED X1 systems.](#)
  - [Shimadzu Medical Systems USA announces the release of Konica Minolta Glassless FPD on RADspeed Pro and MobileDaRt MX8-k series.](#)
- [Infrared Spectroscopy Equipment Market is Thriving Worldwide -Thermo Fisher Scientific, PerkinElmer, Shimadzu](#)
- [Shimadzu Medical Systems USA announces the release of V series Glass-Free Flat Panel Detectors for general radiography systems](#)
- [Infrared Microscope Revolutionises Micro-Measurements](#)

## **Surgical Theater**

**Website Home:** <https://surgicaltheater.com/>

**Services Summary:** Surgical Theater unleashes the magic of visualization for surgeons, patients, and healthcare facilities by delivering experiential 360°-3D through the patient's entire continuum of care.

With Precision XR™, the first and only evidence-based visualization platform, you can improve surgical planning, patient engagement, outcomes, and so much more.

**Locational Presence:**

- Primary: Los Angeles California
- Mapi Street, Netanya, 4250489, IL
- Global Headquarters: 30559 Pinetree Rd, Cleveland, Ohio 44124, US

**Innovations/Relevant Products:**

- Patented Technology
- SyncAR® for Spine provides the surgeon with a comprehensive and immersive view of the spine via Surgical Theater 360°-3D XR models, delivered within AR headset.
- SyncAR® for Cranial includes endoscopic capabilities, expanding the surgeon's view beyond the restrictive visual boundaries of the endoscope, giving the surgeon the ability to see behind, around and even through any anatomy of interest in 360° Augmented Reality
- Patient Engagement Platform™ brings patient-specific virtual reality reconstructions directly to the patient.
- XR Studio™ is a multi-user environment powered by 360°-3D XR Visualization that allows for dynamic patient-specific case reviews, presentations, and education, delivered in a sleek and comfortable XR headset. It allows surgeons and professors to walk residents and students through a case, guide the student's view as they present, and demonstrate surgical techniques and approaches in a virtual operating room and transports students into the patient- and pathology-specific XR reconstructions, where they can walk around or interactively navigate anatomy using a controller
- The Surgical Planner™ (SRP) allows one to fly through anatomy and locate medical issues (eg, tumors and aneurysms) and study them from every angle with the medical virtual reality technology. SRP facilitates intricate surgical plans by allowing surgeons to create the best surgical approach based on the patient-specific XR reconstruction.
- BrainSTORM™ streamlines epilepsy care continuum by creating a platform that visualizes all the epilepsy patient's data in a comprehensive easy-to-understand 360°VR model.

**News:**

- Website News Page
- **Notable Articles (listed on website)**
  - How Coronavirus Attacks the Body
  - Virtual Reality Gets Real In the Operating Room
- First SyncAR for Spine Surgery in the World Performed at Hoag
- Arizona surgeon uses augmented reality for state's first-of-its-kind spinal surgery

**Synthomer**

**Website Home:** <https://www.synthomer.com/>

**Relevant Website Section:**

<https://www.synthomer.com/markets-and-products/health-protection-americas/>



**Services Summary:** Develop and make specialized chemical products to serve customers globally. A leading supplier of sustainable polymer solutions which help eliminate harmful emissions.

**Locational Presence:** <https://www.synthomer.com/about-us/global-locations-page/>

- Europe, the Middle East, and Africa
- Americas
  - [Beachwood, OH \(US\) - Regional Headquarters OMNOVA Solutions Inc.](#)
    - [OMNOVA acquired by Synthomer plc for \\$824 million in 2020](#)
    - [OMNOVA Website Home](#)
- Africa

**Recent Innovation:** <https://www.synthomer.com/about-us/our-strategy/innovation-at-synthomer/>

- [SyNovus™ Plus](#) is our new nitrile product that provides the same high-performance barrier protection as conventional nitrile butadiene latex (NBR) while being recyclable and reducing greenhouse gas emissions.
- [Lipolan™ TERRA](#) makes latex foam more sustainable by helping to reduce the carbon footprint associated with making and transporting it.
- [Tidal Wave™](#) helps keep marine upholstery stain-free.
- [Suncryl® HP 114](#) is a water-based polymer that contains more than 56% bio-based raw material.

**Relevant Products (Health & Protection) + Specific Innovations:**

- [Medical and examination gloves](#)
  - [SyNovus™](#): a new generation NBR latex with sustainability benefits. With low curing temperatures that use 10-20% less energy, SyNovus™ Plus drives down carbon emissions from your production line.
- [Fabric-supported gloves](#)
- [Medical devices](#)
  - Our [chlorobutadiene \(CR\) range, LIPREN™](#), is a unique range of CRs with different crystallization tendencies. These blends ensure high functional safety and can be optimized for rapid product development.
  - Synthomer CR latices also offer a highly flexible dipping process. This enables manufacturers to create a wide range of shapes with specific medical applications, such as catheters, respiratory bellows, medical seat cushions, and so on.
- [Personal care additives](#)
- [Hygiene adhesives](#)
  - [AERAFIN™](#) polymers combine excellent peel strength, processability, low odor and color. Enable one to formulate hot melt adhesives with a broad operating window, and compatibility with advanced HMA applicators. They can also spray at lower temperatures on a broad range of substrates.
  - [REGALITE™](#) UltraPure hydrocarbon tackifying resins deliver on demand for clean and safe chemicals, being low odor, low VOC and low in trace chemicals without sacrificing performance. These are made from mixed aromatic and aliphatic resins that are hydrogenated to produce a wide range of materials with low color, high stability and broad compatibility.



- [Non-wovens](#)
  - [AERAFIN™](#)
  - [REGALITE™](#)
- [Food additives](#)
- [Footwear](#)
- [Hygiene and wipes](#)
- [Coated fabric](#)

#### News:

- [Synthomer takes over Omnova Solutions](#)
- [Synthomer buys Eastman's adhesive resins unit for \\$1 bln](#)
- [Synthomer inaugurates new production capacity](#)
- [Innovation Hub funding top priority for Greater Akron Chamber in state budget](#)
- [Synthomer slumps as medical glove destocking continues post pandemic](#)
- [Synthomer \(LON:SYNT\) shareholders have endured a 59% loss from investing in the stock five years ago](#)
- [How Synthomer is down 36% on major profit warning just weeks after results](#)
- [Gloves off as collapse in demand hits Synthomer](#)
- [CVC Weighs Bid for \\$3 Billion Chemical Maker Synthomer](#)

## **Trailhead Biosystems**

**Website Home:** <https://www.trailbio.com/>

**Services Summary:** develop and make industrial grade human cells from stem cells at a faster rate, lower cost, and less R&D risk than the current industry norm, which will accelerate drug discovery and cell-based therapies. They have developed unique cell types that can be used for accelerating the drug discovery process, for organ or tissue printing, for high throughput and high content screening, for toxicity and efficacy testing, and for human disease modeling.

#### **Locational Presence:**

- 23215 Commerce Park Road, Beachwood, Ohio, 44122

#### **Innovations:**

- [HD-DoE™ platform](#) merges developmental biology with cutting-edge robotics, mathematics, and computerized experimental design and analysis to perform process-specific parameter optimization to rapidly [develop recipes](#) for the development of any type of [human cells](#) for use in the [drug discovery process](#) or for [therapeutic purposes](#). These recipes minimize the use of proteins in favor of far more stable and dramatically less expensive small molecules. Reactor-produced human cells have multiple uses, including drug discovery, 3D-organ printing, human disease modeling, and cell-based therapy.
- Their current cell programs are focused on [developing different types of human cells at large volume for research use](#) in order to [accelerate the drug discovery process](#) of pharma and biotech customers and to develop human cells for therapeutic purposes.

- [R&D Pipeline](#)

#### **Programs Available for Research Use:**

- Pre-Myelinating Oligodendrocytes: three-stage protocol that uses only small molecules to make human oligodendrocyte progenitor cells (OPCs) of the forebrain from human (non-embryo) induced pluripotent stem cells (iPSCs). Oligodendrocytes can be used to accelerate the drug discovery process for treatments of multiple sclerosis (MS), leukodystrophies, cerebral palsy, and Pelizaeus-Merzbacher Disease.
- Endothelial Cells: Developing human endothelial cells from human (non-embryo) induced pluripotent stem cells (iPSCs). This novel protocol will allow us to make endothelial cells at scale. We will make our endothelial cells available for drug discovery, organ or tissue printing, high throughput or high content screening, toxicity and efficacy testing, and human disease modeling.

#### **Programs in Preclinical Stage:**

- LT-Hematopoietic Stem Cells: We are developing human long-term hematopoietic stem cells (LT-HSCs) from human (non-embryo) induced pluripotent stem cells (iPSCs). HSCs are rare subsets of hematopoietic cells that are responsible for the life-long production of all blood cell lineages, and for the reconstitution of bone marrow (BM) after transplantation into myeloablative recipients. We will use our LT-HSCs cells as the foundation for cell therapy for bone marrow failure, which we are developing, in particular, as a cell replacement therapy — in lieu of a bone marrow transplant — for patients whose bone marrow stem cells have been permanently damaged or destroyed.
- Pancreatic Insulin Producing Cells (Beta Cells): We have developed a novel protocol that uses only small molecules to make dorsal pancreatic insulin-producing cells (beta cells) from human (non-embryo) induced pluripotent stem cells (iPSCs). We will make our pancreatic insulin-producing cells available for drug discovery, organ or tissue printing, high throughput screening, high content screening, toxicity testing, efficacy testing, and human disease modeling. We will use our pancreatic insulin-producing cells as the foundation for a cell therapy for treating Type I Diabetes, which we are developing.

#### **News:**

- [Website Newsroom](#)
- **Notable Articles (listed on the website)**
  - [Trailhead Biosystems Puts iPSCs on a New Path](#)
  - [TrailBio™ Pre-Myelinating Oligodendrocytes Kit - first product available to order](#)
  - [When a Network Matters! Functional iPSC-derived Endothelial Cells Finally Arrive](#)
  - [Trailhead Biosystems Raises \\$10 Million to Accelerate Growth](#)
- [Beachwood OKs tax incentives for Trailhead Biosystems' move to Commerce Park](#)

# *Medical Research*

## **Alzheimer's Association**

**Website Home:** <https://www.alz.org/>

**Services Summary:** The Alzheimer's Association leads the way to end Alzheimer's and all other dementia — by accelerating global research, driving risk reduction and early detection, and maximizing quality care and support.

### **Locational Presence:**

- [Cleveland Area](#)
- [US and US Territories](#)

### **Expanded Services:**

- [Educate and raise awareness](#): through education programs, provide clinicians with tools, give public health professionals resources, educate lawmakers, awareness campaigns, Facts and Figures report, etc.
- [Accelerate research across the globe](#): The largest nonprofit funder of Alzheimer's research. Funding scientific investigations, convening researchers, virtual and in-person scientific meetings, scientific journal, professional society, clinical studies, etc.
- [Advocate for the needs and rights of those facing Alzheimer's and all other dementia](#): assembling and training a nationwide network, helping to pass landmark legislation, strengthening the federal government's commitment to Alzheimer's research, developing resources to educate decision makers, securing quality health care services for those affected.
- [Research](#):
  - [New IDEAS Study](#): nationwide study for people from diverse backgrounds who are experiencing changes in their memory, including mild cognitive impairment (MCI) and dementia. A research study looking for better ways to diagnose and care for people with memory concerns by using medical brain imaging.
  - [Research and Progress](#)

### **News:**

- [Website News Page](#)
  - [Alzheimer's Association Gathers Dementia Coordinators from Across the Country to Prepare for New Era of Treatment](#)
  - [Alzheimer's Association Announces New Grant Program to Support Real-World Data Platforms Globally](#)
  - [Joanne Pike, Alzheimer's Association President and CEO, Elected Vice Chair of the World Dementia Council](#)
- [Alzheimer's Association International Conference 2023: Top Expert Interviews](#)
- [Exciting news released during Alzheimer's Association International Conference](#)
- [Advancements in Treatment, Diagnosis and Risk Reduction Strategies Highlighted at Alzheimer's Association International Conference](#)

# **Insight Clinical Trials LLC**

**Website Home:** <https://www.insightclinicaltrials.com/>

**Services Summary:** Clinical research studies are being conducted at Insight Clinical Trials to learn more about investigational medications that are not yet available to the public. Specialization in mental health conditions such as depression, anxiety, ADHD, Alzheimer's disease, dementia and other neurological disorders.

**Locational Presence:** One of the leading independent research institutes in Northeast Ohio.

- 24755 Chagrin Blvd Suite 345 Beachwood OH 44122

## **Current Trials:**

- [Alzheimer's](#)
- [Agitation:](#) Alzheimer's-related difficult behavior clinical trials
- [Depression](#)
- [PTSD](#)
- [Schizophrenia:](#)
  - [ALIGHT Schizophrenia Study:](#) researchers want to find out if the study drug is safe and effective in helping to treat schizophrenia in adults who continue to have serious symptoms even while taking antipsychotic medication(s).
  - [SHINE Schizophrenia Study:](#) to see whether a study drug called TV-46000 can help reduce the symptoms of schizophrenia in teens. The study drug has already been tested in adults. Researchers want to see if administering this drug as a long-acting injection makes it easier for patients to manage taking their medications.
  - [CONVOKE Schizophrenia Study:](#) researching two different mobile apps to see if they are safe and effective in helping people who have certain symptoms of schizophrenia.
- [Triad Study:](#) evaluating an investigational drug (study drug) to determine if it might reduce the symptoms of agitation associated with Alzheimer's dementia, as well as testing its safety and tolerability in participants
- [Tardive Dyskinesia](#)

## **Services:**

- [Free Transportation:](#) Insight Clinical Trials has partnered with Lyft for Healthcare to provide free, reliable transportation for our volunteers, and no smartphone or app download is necessary.
- [Memory screenings:](#) free, confidential, and administered by either our Board-Certified Neurologist or our Certified Dementia Consultant and takes approximately a half hour. The participant is asked a series of questions and/or tasks that take a very short time to complete. The cognitive tests are conducted to determine if a more comprehensive medical evaluation is needed. It is NOT used to diagnose any illness and it does NOT replace a consultation with a physician. After the screening is complete, participants are given a customized memory packet of information that is designed specifically to answer any questions or concerns that arise during the assessment.

# **Premier Health Advocates**

**Website Home:** <https://phadvocates.com/>

**Services Summary:** an organization founded by physicians whose primary goal is to help its clients obtain the best, evidence-based health care possible. By achieving this goal, PHA can simultaneously address escalating healthcare costs for companies, and optimize the healthcare experience for individuals.

## **Locational Presence:**

- 3659 Green Rd Computer Lab, Beachwood, OH 44122

## **Expanded Services:**

- [PHA Silver](#) (Health Care Coordination):
  - [Short and Long Term Care Plan Management](#): PHA care management specialists work with individuals and families to ensure proper care of a sick or aging loved one. We will work together to create both a short term and long term care plan while easing the stress of family members and care providers. PHA will provide the support, education and guidance needed to make sure your loved one is taken care of.
  - [Medical Management and Coordination of Health Related Conditions](#): Medical management and health care monitoring is provided by PHA's board certified physicians. Care coordination and communication between physicians and specialists is facilitated by PHA.
  - [Medical Providers, Specialists, Therapists, Pharmacy and Medication Management](#): PHA will manage all medical appointments, scheduling, medications, and refills so you don't have to.
  - [Home Health Care Management](#): We have the experience and resources available to assist with the important decisions of deciding which home care is the best fit for your family member (which requires careful research). Additionally, PHA can provide management of home health care workers including scheduling, hours tracking, training, education, and more.
- [PHA Gold](#) (Corporate Medical Advocacy):
  - [Employee Services](#)
    - Guidance and education for all health and medically related issues
    - Medication review
    - Interpretation of test results
    - Understanding new or incorrect diagnoses
    - Interpreting doctor "speak"
    - Referrals, second opinions and expedited appointments
  - [Corporate Benefits](#)
    - Decreased healthcare waste with opportunity to decrease healthcare spend
    - Value added benefit with possible tax benefit
    - More efficient health care for employees
    - Decreased employee absenteeism
    - HIPAA compliant CRM and online enrollment process

- Monthly educational PHA newsletter and outreach
- PHA Platinum (Concierge Medical Advocacy):
  - Expert medical guidance: guidance and education for all medical issues
  - Complex medical issue management: coordination and management of multiple and / or complex medical issues
  - Medical records review and summary: collection of all medical records, in-depth review of records and detailed summary created of all medical records
  - Unlimited cell phone access to physician advocate: 24 / 7 cell phone access to physician advocate
  - Liaison between client and all physicians / specialists: communication and coordination with all medical professionals involved
  - Medication review: deep dive review of all medications and possible side effects and / or interactions
  - Medical education: intensive research on the medical conditions, diagnoses, potential treatments and options
  - Assistance with interpreting test results: review and understandable explanation of results
  - Diagnosis management: management of chronic or acute medical conditions
  - Expedited appointments: resources and expertise available to obtain timely appointments
  - Facilitated referrals and second opinions: expansive network of medical professionals for referrals and second opinions
  - Interpreting “Doctor speak”: understandable explanation of the complicated information provided by physicians
  - Medical management of aging parents: management of medical issues related to aging family members
  - Medical management of childhood illnesses: management and coordination (with parents) of medical issues of children
  - Out of town and emergency medical advocacy: medical advocacy that is required for emergency situations or where travel is required (additional charges may apply)

## **Rapid Medical Research (Velocity Clinical Research)**

**Website Home:** <https://velocityclinical.com/>

**Services Summary:** integrated site organization delivering high-quality clinical trial data and patient care with unprecedented efficiency. From the leading pharma companies, to the most pioneering biotech startups, Velocity supports those who are exploring new frontiers in human health.

- 80 Research sites across the U.S. and Europe
- 220+ Investigators with diverse experience
- 15,000+ Clinical trials conducted since 1986
- 140,000+ Patients enrolled in studies worldwide

### **Locational Presence:**

- United States (70 locations)
  - Velocity's research site in Cleveland was founded in 1997 as Rapid Medical Research Inc. and acquired by Velocity in 2019.

- The Cleveland site offers Phase 1-4 multi-therapeutic clinical research experience, including extensive experience with vaccine indications. Other experience includes Women's Health, Dermatology, Gastroenterology and other Internal Medicine indications.
- Velocity Clinical Research, Cleveland: 3619 Park East Dr., Suite 300, Beachwood, OH 44122
- <https://velocityclinical.com/locations/velocity-clinical-research-cleveland/>
- [Europe](#): Germany and United Kingdom (Velocity has completed more than 30 trials in Europe, where it has operated clinical research sites since 2020)

## Expanded Services:

- [Why Velocity?](#)
  - Full Alignment - Integrated site operations: Fast and effortless site selection and contracting processes for you
  - Fast Activation - Streamlined start-up processes: Centralized study initiation activities and digitized source, regulatory, and records management
  - Reliable Enrollment - World-class patient engagement: Dedicated teams drive industry-leading enrollment and retention programs
  - Flawless Conduct - In-house quality and data management: Intensive monitoring and quality oversight programs supported by a unified technology system
- [Councils to Accelerate Research Excellence \(CARE Councils\)](#): Expert-led groups that address specific intersections of therapeutic areas, diseases, specialty populations, and other factors that pose challenges to efficient clinical development. Each Velocity CARE Council comprises experienced physicians, veteran clinicians, and operational experts. These centralized councils meet to discuss scientific trends, review high-priority clinical trials, and refine best practices for Velocity sites worldwide.
  - [Diabetes and Obesity CARE Council](#)
  - [Vaccine CARE Council](#)
- [Technology](#):
  - With a fully owned technology hub in Hyderabad, India, Velocity is building cutting-edge patient-facing applications to ease the burden of participating in clinical trials while also increasing access to data.
  - DeepCentric: Velocity's DeepCentric platform is a smart, trusted, and secure platform that empowers greater patient centricity. Even for hybrid and fully decentralized trials, DeepCentric streamlines site activities, improves patient engagement through analytics, and analyzes clinical data by applying AI algorithms.
    - Digitizing sites for decentralization: enables sites to perform remote, at-home, and in-clinic visits through easily portable devices.
    - Improving patient adherence through analytics: guides the patient through their daily trial routine to increase their trial adherence.
    - Boosting data security through biometrics: multi-layered security design through biometric authentication, data encryption, and secured communications.

- Advancing the flexibility of clinical workflows: default workflows designed with clinician expertise - all workflows within the platform can be tailored to the Sponsor and study as needed.
- Integrating with EDC, CTMS, and IVRS: DeepCentric was designed with the existing clinical technologies in mind to be instantly interoperable with our ODM and CDISC compatible solutions.
- Prioritizing patient convenience
- Remaining trustworthy via a blockchain platform: all clinical data is backed up on a blockchain platform that delivers data immutability and controlled access
- Utilizing edge technologies for automation: the custom AI capabilities of voice, image, computer vision, and optical character recognition (OCR) improve the quality and efficiencies of visit conduct and patient-clinician communications in real-time.

### **Specialties:**

- Therapeutic expertise
  - [Allergy/Immunology](#)
  - Cardiology
  - Consumer Health
  - [Dermatology](#)
  - [Endocrinology/Metabolic Disorders](#)
  - Family Practice
  - [Gastroenterology](#)
  - [Infectious Disease](#)
  - Internal Medicine
  - Medical Devices
  - Nephrology
  - [Neurology](#)
  - Obesity
  - [OB-GYN](#)
  - [Ophthalmology](#)
  - Orthopedics
  - Pain Management
  - Plastics, Reconstructives
  - Psychiatry
  - Pulmonary Disease
  - [Respiratory](#)
  - Rheumatology
  - Sleep Medicine
  - Smoking Cessation
  - [Urology](#)
  - [Vaccine](#)
- Specialty populations
  - [Fetal and Newborn Health](#)



- Geriatrics
- Healthy Normal Subjects
- [Pediatrics, Adolescents](#)
- [Women's Health](#)
- Specialized trial support
  - Biosimilars
  - Combination products
  - Confinement
  - Devices
  - Decentralized
  - Diagnostics
  - Hospital
  - Interventional
  - Observational

#### **News:**

- [News Listed on Website:](#)
  - [Velocity Ranks 543 on the Inc. 5000 List of Fastest-Growing Private Companies in the U.S.](#)
  - [Six Velocity Principal Investigators Co-Author Article Published in Nature Medicine](#)
  - [‘New Era’ for Alzheimer’s Treatments Spur Researcher Optimism](#)
  - [Velocity Syracuse Team Advances Important Alzheimer’s Trials](#)
  - [Julio Rosenstock, MD Co-Authored an Article Published in NEJM](#)
- [Velocity Clinical Research continues to recruit for important clinical trials](#)
- [Startup Spotlight: Durham’s Velocity Clinical Research celebrates opening of first NC site](#)
- [Velocity and Privia Health Enter Partnership to Embed Clinical Research Into Practice Sites](#)
- [How Effective is the Flu Vaccine?](#)
- [Expanded clinical trials to begin on combined COVID-19, flu shot](#)

## **The Macula Society**

**Website Home:** <https://maculasociety.org/>

**Services Summary:** A forum for new research in retinal vascular and macular diseases. The Macula Society recognizes outstanding achievement by its members and others through awards and lectures, and holds an annual meeting open to members, their guests, co-authors, and supporting company representatives.

#### **Locational Presence:**

- 3550 Lander Road Suite #250 Pepper Pike Ohio 44124

#### **Expanded Services:**

- [The Macula Society Research Grant \(MSRG\) Program:](#) provide funding for clinically relevant research in macular or retinal vascular diseases.
  - Will be funding 6 proposals in 2024 from the following partnerships

- The Mills and Margaret Cox Macula Society Research Project sponsored by the Retina Research Foundation: we have one grant this year available to support research endeavors of the members of the Macula Society. Retina Research Foundation generously supports one grant of \$30k.
- Macula Society/International Retinal Research Foundation Award (Inaugural Year): we are awarding 4 \$35,000 Research Grants through funds matched between The Macula Society and the International Retinal Research Foundation.
- The Jack McGovern Goat's Disease Foundation and Macula Society Research Grant (JMCDF/MSRG) Partnership Grant: supports medical research specific to Coats' Disease and other retinal diseases which may lead to a cure or improve treatments and understanding of the pathophysiology for Coats' Disease. The Foundation encourages research and, when applicable, collaboration among researchers working in the area of Coats' Disease.
- Macula Society Annual Meeting

# ***Health Consulting/Auditing Practices***

## **Comprehensive Medical Services**

**Website Home:** <http://comprehensivemedicalservices.com/> (link not responding)

**Services Summary:** Comprehensive Medical Services LLC provides pre-surgery testing services. The Company caters to patients undergoing ambulatory surgery in ambulatory surgery centers. Comprehensive Medical Services offers documentation, testing, and protocols services.

**Locational Presence:**

- 24050 Commerce Park, Beachwood, OH 44122-5833

## **Nexis Wellness**

**Website Home:** <http://www.nexiswellness.com/> (link not responding)

**Services Summary:** the only coworking spaces designed exclusively for health and wellness professionals in the greater Cleveland area. They provide healthcare professionals and agencies fully furnished consultative offices and access to the resources needed to run a successful independent practice.

**Locational Presence:**

- 25201 Chagrin Blvd, Beachwood, Ohio 44122, US

**News:**

- [Nexis Wellness branches out to offer space for more providers](#)
- [Guest post: Nexis Wellness creates a simplified and comforting check-in process with The Receptionist for iPad](#)
- [Spotlight On: Nexis Wellness](#)

## **Oracle (TOA Technologies)**

**Website Home:** <https://www.oracle.com/>

**TOA + Oracle Website Section:** <https://www.oracle.com/cx/service/field-service-management/>

**Oracle Health Website Section:** <https://www.oracle.com/health/>

**Oracle Health Services Summary:**

- Improve health globally: With the largest global EHR market share, Oracle brings data together to enable clinicians, patients, and researchers to take meaningful action, advance health, and improve outcomes worldwide.
- Streamline operations: Rated the largest revenue cycle management (RCM) leader by IDC MarketScape, Oracle provides timely, predictive, and actionable health insights to automate processes, optimize resources, and drive efficiencies.
- Unleash innovation: Oracle's accelerating collaboration across the ecosystem to make healthcare more holistic, accessible, equitable, and efficient through our open, cloud-based platform.

**TOA Technologies Services Summary:** its products include advanced tools for automating and optimizing planning, scheduling, appointment booking, and routing, as well as job allocation and real-time field service event management.

**Locational Presence:** <https://www.oracle.com/corporate/region/>

- Oracle | TOA Technologies:
  - Headquarters: 3333 Richmond Road, Suite 420, Beachwood, OH 44122-4196, US
  - New York Office: 675 Third Avenue, Suite 2400, New York, NY 10017, US
  - Charlotte Office: 112 South Tryon Street, Suite 1600, Space 7, Charlotte, NC 28284, US
  - Madrid Office: Pinar, 5, Madrid, España 28006, US

**Oracle Health Products:**

- Clinical applications
  - [Clinical suite](#): help care teams across the continuum document and access critical patient data, refine workflows, and support patient safety initiatives.
  - [Service lines and departments](#): Organize care delivery around your service lines to drive revenue, improve quality, and reduce costs
  - [Interoperability](#): Facilitate the flow of patient data across provider, vendor, geographical, and technological boundaries with interoperable systems.
  - [Continuum of care](#): Help your patients achieve the best possible health outcomes by coordinating, managing, and delivering high-quality care across the continuum—from rehabilitation, home health, and long-term care to behavioral health.
- Clinical and financial operations
  - [Clinical operations](#): Empowering clinicians with real-time health system tools and techniques that help them overcome today's challenges and provide high-quality care using near real-time data from many sources.
  - [Revenue cycle](#): Clinically driven and patient-focused revenue cycle takes information captured by clinicians during care and uses it to drive financial outcomes.
  - [Reporting and analytics](#): Transform your organization's data into usable, actionable information with Oracle's healthcare analytics solutions.
- [Population health](#): Expand an organization's care focus by magnifying efforts across entire populations and emphasizing chronic condition management and prevention.
- [Consumer experience](#): include digital front door and virtual care capabilities.
- Services and support
  - [Security](#): Data security solutions that help you manage clinical identity, regulatory compliance, and security auditing and maintain business continuity, even during downtimes.
  - [Services](#): In-depth analytics to help determine appropriate performance improvement plans, outline governance, and increase clinician satisfaction and efficiency in the EHR.
  - [Regulatory](#): Help an organization: Stay current with regulatory programs; Create a regulatory steering committee; Track performance
- Enterprise solutions

- [Healthcare ERP—finance and operations](#): Gain a single view of financial data across your health delivery system to plan more effectively, reduce the cost of care, build a more responsive supply chain, which will allow an organization to implement new business models more easily and adapt faster when the business environment changes.
- [Healthcare cloud infrastructure](#): Oracle Cloud Infrastructure (OCI) is built to run every healthcare workload to deliver more-informed care choices, predict patient risk factors, and deliver a better, patient-focused healthcare experience.
- [Healthcare human capital management \(HCM\)](#): Create an employee experience that reflects your values, promotes diversity, equity, and inclusion, and helps clinical and nonclinical staff grow in their careers.
- [NetSuite for healthcare and life sciences](#): NetSuite's cloud-based business management suite enables healthcare and life sciences organizations to improve visibility, minimize complexity, and remain agile in the face of massive change.
- [Customer experience](#): Deliver personalized experiences across digital marketing channels to interact with patients when, where, and how they prefer.

#### **Oracle + TOA Expanded Services:**

- [Work planning and scheduling](#): accurately predicting staffing needs, optimize resource utilization, automating scheduling and routing
- [Technician enablement](#): access job details and capture required information to serve customers in the field, simplify complex activities with preconfigured workflows, access knowledge while engaged in service activities, connection and collaboration with team
- [Customer self-service](#): Customer self-service: providing immediate assistance through customers' preferred channels, deflect minor service inquiries, let customers track and manage field service appointments through notifications or real-time visibility of mobile worker arrival status with options for rescheduling
- [Service support](#): Always-on help for mobile workers, escalate complex issues over video, empower desk-based service support teams, fill staffing gaps and expand coverage area
- [Service logistics](#): connecting field service to the supply chain.
  - Enable mobile workers to easily check parts availability and order, receive, transfer, and reserve parts for their trunk stock; provide customers with repair cost estimates and generate a return material authorization for assets.
  - Enter parts used and review charges for parts, labor, and expenses within the field service mobile application.
  - Ensure labor and parts costs are properly captured against service-level agreements (SLAs) and entitlements.
- [IoT and connected equipment](#): Detect, analyze, and respond to IoT signals
  - Optimize asset availability and utilization
  - Detect anomalies, run remote diagnostics, and trigger self-repair commands
  - Automatically create work orders and schedule field service activities
  - Use digital twin visualizations to identify problematic components and automatically detect faults and abnormalities.

#### **TOA Innovation:**

- ETAdirect, TOA's patented platform, improves customer service while dramatically reducing operational costs and delivering immediate and lasting return on investment.
  - The industry's only complete on-demand solution
  - Using time-based pattern recognition and predictive analytics to provide the most advanced and accurate field service management application on the market.
  - ETAdirect reduces customer wait times while increasing field workforce efficiency. TOA's solutions are cloud-based, quickly deployed, highly configurable and easily integrated with existing CRM, ERP and other solutions.

#### **Oracle + TOA Relevant Innovation:**

- TOA's Field Service SaaS enables modern enterprises to continuously monitor real-time field service requests coming in from contact centers, to schedule the right field service representative to dispatch, and to use sophisticated business analytics to monitor and view current inventories, accurately predict service windows, and optimize field service operations - this results in more efficient field service operations, lower costs of delivering field service, and delivering a superior customer experience. TOA's solutions manage over 120 million service events annually in more than 20 countries and include global brands across many industries including DISH Network, E.ON, Home Depot, Ricoh, Telefonica, Virgin Media and Vodafone.
- Oracle Service Cloud, part of Oracle Customer Experience Cloud, a platform for online customer service, cross-channel contact center, knowledge management, and policy automation.
- Oracle ERP cloud solutions help accelerate productivity, allocate resources, and provide on-demand information access.
- Oracle Service Cloud and Oracle ERP cloud solutions combined with TOA will empower innovative customer service organizations to drive operational efficiencies while bolstering customer satisfaction and exceeding service expectations through personalized service.

#### **News:**

- [Oracle buying TOA Technologies of Beachwood, region's most successful tech startup](#)
- [Oracle Buys TOA Technologies](#)
- [Oracle Health integrates generative AI, voice tech into EHR system to automate medical note-taking](#)
- [Oracle updates Fusion Cloud suites to aid healthcare firms](#)
- [Oracle booster for healthcare with GenAI, finance and supply chain tools](#)
- [Oracle Helps Healthcare Organizations Optimize Workforce Management](#)
- [Oracle Transforms Care Delivery with Next-Generation Millennium EHR and Generative AI Capabilities](#)
- [Health system optimism for Oracle Health dropped last year, says KLAS](#)
- [Oracle's Health Unit Faces Major Downsizing Post-Cerner Acquisition Amid Industry Trends](#)

## **ProEd Communications**

**Website Home:** <https://www.proed-communications.com/>

**Services Summary:** medical communications - world-class scientific strategy, publications, and medical education. ProEd ensures the story reaches across our stakeholders: our clients, medical experts, and healthcare professionals.

**Locational Presence:**

- 25101 Chagrin Blvd #230, Cleveland, OH 44122

**Expanded Services:**

- Advisory Board Meetings
- Competitive Intelligence
- Digital Engagement
- Disease Education
- Scientific Lexicon
- Gap Analysis
- Medical Education
- Scientific Narrative/ Platform
- Steering Committee Meetings
- Strategic Communications Planning
- Live and Virtual Symposia
- Thought Leader Engagement
- Publication Planning and Execution
- Training Tools and Resources

**Partners:**

- [Healthcare Consultancy Group](#): ProEd Communications is a member of the Healthcare Consultancy Group. Along with all of their sister agencies, ProEd brings medicines closer to the patients who need them, and strives to have a positive effect on daily lives around the world.
- [ProEd Regulatory Since 1997](#), ProEd Regulatory has helped more than 145 teams navigate the FDA Advisory Committee process with an 86% success rate. They can help your team understand your audience, define strategies to address committee and agency concerns, craft a clear, concise, and compelling scientific story, and train and test your team to address the challenges of the day with confidence.

**News:**

- [Company Profile: Healthcare Consultancy Group](#)
- [Abzena Names Dr. Jeffrey Mocny as Scientific Lead](#)
- [Moneta Welcomes Industry Veteran Rick Weissinger as Chief Marketing Officer](#)
- [Blood test accurately detects over 50 types of cancer, often before symptoms show](#)

## **World Synergy**

**Website Home:** <https://worldsynergy.com/>

**Services Summary:** A collaborative approach towards applications, marketing, and technology

**Locational Presence:**

- 3700 Park E Dr Suite 350, Beachwood, OH 44122

**Expanded Services:**

- [Marketing Strategy & Demand Generation](#): reputable Cleveland marketing agency serving a variety of industries
  - [Value Promise Development](#): determining the essence of your business, which allows you to make a Value Promise
  - [Website Development](#)
  - [Search Engine Optimization Services](#): to improve website visibility, attract targeted traffic, and drive conversions.
  - [Content Marketing](#)
  - [Pay-Per-Click Advertising](#): amplify your online presence, reach your target audience effectively, and achieve remarkable results in the ever-evolving digital landscape.
  - [Social Media Marketing](#)
  - [Email Marketing](#): captivate your ideal customers through email by utilizing innovative design, messaging, and multimedia techniques.
  - [Branding & Creative Services](#)
  - [Marketing Automation](#): integrating automatic marketing processes to increase lead generation and improve productivity and profitability.
  - [HubSpot Onboarding & Support](#): accelerate growth by attracting, engaging, and delighting your audience at every step in the buyer's journey, discovering essential insights and analysis every step the way.
  - [E-Commerce Marketing](#): from website design and development to payment gateway integration, inventory management, and order fulfillment solutions, we provide end-to-end support.
  - [Photo & Video Production](#)
- [ERP Applications](#):
  - [NetSuite](#): "all-in-one" unified business management solution - it establishes best practices, streamlines processes, and experiences substantial growth.
    - [Implementation](#)
    - [Support](#)
    - [Free Training](#)
  - [Customer Relationship Management \(CRM\)](#): consolidate your business' purpose and personality. Define your essence within a competitive marketplace.
  - [Enterprise Resource Planning \(ERP\)](#): Consolidating your key business operations and processes to expedite transactions and leverage analytics and business insights to drive informed decision-making.
  - [Human Resources \(HR\)](#): Implement high-tech practices to effortlessly track, manage, and consolidate HR processes through a custom digital HR platform.
  - [Professional Services Automation \(PSA\)](#): manage key business processes with highly-effective PSA software integration to drive cost-efficiency and return on investment.



- Single Responsibility Principal(SRP): streamline tasks related to resource management and project accounting.
- Warehouse Management System (WMS): comprehensive production, supply chain, and operations management functionality to empower you to source, store, and distribute efficiently.
- Technology:
  - Managed IT: our proactive IT experts and award-winning help desk technicians streamline internal workflows, reduce downtime, and identify potential threats.
  - Cybersecurity: we protect your information so that you don't need to worry about security.
  - Software Selection: our technology and software experts can help you make the right choice.
  - Technology Projects: we identify your exposure points or the costly stopgaps in your business. Our integrated approach to managing technology projects and business IT support helps streamline your internal workflows.
  - Integrations: we partner with your team to integrate the perfect tech solutions that will fit your business' unique processes and needs. Create a seamless operation to better serve your clients.
  - Cloud Services: provide ease of use by storing your business applications on an easily scalable platform and help with cost savings.
  - Disaster Recovery: a proactive investment in a disaster recovery and backup plan not only saves your company from loss of important data, time, and money, but protects your business and your clients should an unforeseen accident occur.

## Industries:

- Healthcare: World Synergy's experience in the medical industry spans from diving deep into the business of medical tool suppliers for hospitals and veterinary clinics, to healthcare systems and benefits specialists. Within the healthcare benefits industry, they have worked with healthcare and benefits agencies, consumer wellness companies, hospitals, health insurers and pharmacies.
  - Benefit Advisors Network (Solutions Include: Application Development & Management)
  - Block Buddy Pro (Solutions Include: Application Development & Management, HubSpot Marketing Automation, Marketing Sales Growth Strategy)
  - Corrective Eye Center (Solutions Include: Managed IT, Marketing Sales Growth Strategy)
- Manufacturing & Distribution: Keep up with business and consumer demands as the manufacturing industry continues to change. With a custom roadmap in place, World Synergy can move your manufacturing processes forward through our personalized strategic solutions.
  - Winter® Equipment (Solutions Include: Managed IT, HubSpot Marketing Automation, Marketing Sales Growth Strategy)
  - Fastener Tool & Supply (Solutions Include: Managed IT, HubSpot Marketing Automation, Marketing Sales Growth Strategy)
  - American Belleville (Solutions Include: Oracle NetSuite Implementation, Marketing Lead Generation)

- [Professional Services](#): foster the engagement needed to drive your brand loyalty and trust within a wide range of Professional Service industries
  - NSL Analytical® (Solutions Include: Managed IT, Oracle NetSuite Implementation, HubSpot Marketing Automation, Marketing Sales Growth Strategy)
  - Benefit Advisors Network (Solutions Include: Application Development & Management)
  - Manning & Clair Attorneys at Law (Solutions Include: Website Development, Marketing Sales Growth Strategy)
- [Other Projects](#)

## **Hope Behavioral Health**

**Website Home:** <https://www.hopebehavioral.com/ouhcom>

**Services Summary:** culturally competent, spiritually sensitive, and trauma-informed counseling services and help with a wide range of mental health needs.

### **Locational Presence:**

- Beachwood Counseling: 24100 Chagrin Blvd, Suite 330, Beachwood, OH 44122
- Medina Counseling: 803 E Washington St, Suite 230, Medina, OH 44256
- Akron Counseling: 50 N Prospect St., Akron, OH 44304
- Solon Counseling: 33595 Bainbridge Road, Suite 101, Solon, OH 44139
- North Canton Counseling: 4824 Frank Ave NW, North Canton, OH 44720
- Wooster Counseling: 127 E Liberty Street, Suite 202, Wooster, OH 44691
- North Olmsted Counseling : 30635 Lorain Rd, North Olmsted, OH 44070

### **Expanded Services:**

- [Counseling](#):
  - Individual: traditional, one-on-one therapy. Whether you are trying to improve your overall quality of life, increase positive thinking, improve how you handle relationships, or learn to face difficult mental challenges, this type of counseling offers great opportunities for growth and change.
    - Our therapists primarily utilize an evidence-based therapeutic approach called Cognitive Behavioral Therapy (CBT): you and your therapist will work together to evaluate and identify unhealthy emotions and behavior and work together towards solutions that challenge faulty thinking styles and change destructive patterns of behavior.
  - Couples: Premarital counseling and marriage counseling fall into this category. Premarital counseling can help you prepare for marriage, ensuring that you and your partner have a strong, healthy relationship. Marriage counseling can help you and your spouse recognize and resolve conflict, improve communication, and build intimacy.
    - A number of therapists are specially trained in PREPARE/ENRICH, Emotional Focused Therapy (EFT), and use techniques from the Gottman Institute.
  - Family: family counseling is beneficial in improving the overall health of the family when faced with a crisis or major life transition. In this type of counseling, families will learn how to improve communication and resolve conflict.

- For children and adolescents who have suffered from acute, complex, or chronic trauma, our therapists use Trauma-Focused Cognitive Behavioral Therapy (TF-CBT), which is uniquely tailored and an evidence-based therapeutic approach.
- Faith-Based: Integrating Faith-Based Principles in Treatment, begins with our conviction that faith in the biblical scriptures has restorative power. However, we remain sensitive to the fact that not everyone believes the same. This sensitivity to the personal faith and faith tradition of others, as well as your faith community which you're associated with, be it liberal, conservative, orthodox, and all points in between, including those who do not practice a faith tradition at all.
- Online: also known as e-therapy and internet counseling, online counseling is similar to individual counseling, but rather than meeting with your therapist in person, you will meet online through a video conference.
- Addiction treatment: Hope Behavioral Health has specially trained therapists who are able to provide treatment for those suffering from various addictions.
  - We have therapists that utilize the spiritually based Twelve-Step approach combined with traditional psychotherapy methods in order to maximize recovery gains. Addiction treatment is offered individually, or in groups.
- Events and Groups
  - The Grief Recovery Method® | 8-week group: This program is for anyone whose life has been impacted by any kind of loss, be it death, divorce, end of a relationship, loss of job, loss of trust, loss of faith or any of the more than 40 losses the Grief Recovery Institute® has identified.
  - A Little Bit About Grief | Monthly group: covering numerous topics for you to learn about grief and learn from one another. Anyone experiencing grief is welcome, whatever loss you're facing or however long it's been - via Zoom.
- Diagnostic Assessments
  - Autism assessments: identification of Autism is the first step to effective intervention. We provide diagnostic assessments which can help you better understand the diagnosis as well as provide recommendations and education on opportunities for other services.