

(Theme: A Conclave for Transformation of Antiquated Treatment and Healthcare Therapeutics)

## Summary

Clinical trials are conducted to validate the safety and efficacy of proposed new drug and device. According to the American Cancer Society, about 1,000 potential medicines are tested before one makes it to clinical trials. Clinical Trials has helped hundreds of thousands of people because other people chose to participate in a trial that resulted in a new, more effective treatment.

Clinical Trials Management System has made enormous progress in past few years, and according to Transparency Market Research, Clinical Trials Management System has estimated compound annual growth rate of 14% during the forecast period, the worldwide Clinical Trials Management System market is expected to acquire market value worth US\$1,848.5 million by 2019.

The NIH Clinical Trial Planning Grant Program, National Cancer Institute (NCI), NCI-Designated Cancer Center, NCI-Sponsored Clinical Trials Cooperative Groups and all other Federal agencies provides funding support in conducting Clinical Trials.

For more details please visit: <http://clinicaltrials.conferenceseries.com/>

## Importance and Scope

Clinical Trials are research studies involving human as subject which leads to discovery of new treatment methods. It helps the investigator to analyze the efficacy of new treatment over existing methods. According to the American Cancer Society, about 1,000 potential medicines are tested before one makes it to clinical trials. This statistics creates a challenge for the Research Institutes, CROs and other Investigation Sties of different Pharmaceutical and Medical device industries. In rare cases, clinical trial volunteers have been hurt by the treatment or procedure being tested. At the same time, hundreds of thousands of people have been helped and are alive because other people chose to participate in a trial that resulted in a new, more effective treatment. With all this points in our mind, the proposed program of International Conference on Clinical Trials will focus on all the sphere of recent advancement in Clinical Trials, Outsourcing of Clinical Data along with networking.

The conference will provide a platform to all the Investigators and Methodologists to interact with Industry representatives so that they can share their experience and knowledge in the related field of clinical study and how to implement them on application ground. Clinical Trials Management System has made enormous progress in past few years, and according to Transparency Market Research [Source: Ref5], Clinical Trials Management System has estimated compound annual growth rate of 14% during the forecast period, the worldwide Clinical Trials Management System market is expected to acquire market value worth US\$1,848.5 million by 2019.

## Why Orlando?

As per the record of clinicaltrials.gov, Florida is ranked fourth in USA for conducting Clinical Trials, with 14,201 registered Clinical Trials in the year 2014 till September 26th. In Florida, 79 Major Clinical Trials center, such as CROs, and around 61 Healthcare centers are associated which are involved in conducting Clinical Trials. The major centers for conducting Clinical Trials are Orlando, Miami, Tampa, Clearwater and St Petersburg. With large number of Clinical Trials centers and Hospitals as compared to other states of USA, Florida is suitable for various industries and Investigators of Clinical

Research Organization to be able to attend the conference in order to share their knowledge and experience in this field. [Source: Ref1]

## Conference Highlights

- Conducts of Clinical Trials
- Risk Management and Data Outsourcing: Industrial Aspect
- Innovation in Clinical Trials
- Enhancing the Design for Revolutionizing Trials Approach
- Clinical Trials for Testing Molecularly Targeted Therapies
- Challenges and Advancement in Breast Cancer Trials: Case Study
- Clinical Trials for Randomized Intervention Designs
- Business Development for Clinical Trials
- Future of Clinical Trials
- Bioethics and Quality Regulation

## Why to attend?

**Outreach your network** by interacting with other investigators, methodologists and industry people from across the globe. The workshops and Symposium organized will provide the recent advancement in Trials approach along with the outsourcing of Clinical Data.

A Unique Opportunity for Advertisers and Sponsors at this International event: <http://clinicaltrials.conferenceseries.com/Sponsorship.pdf>

## Hospitals Associated with Clinical Trials

### Orlando

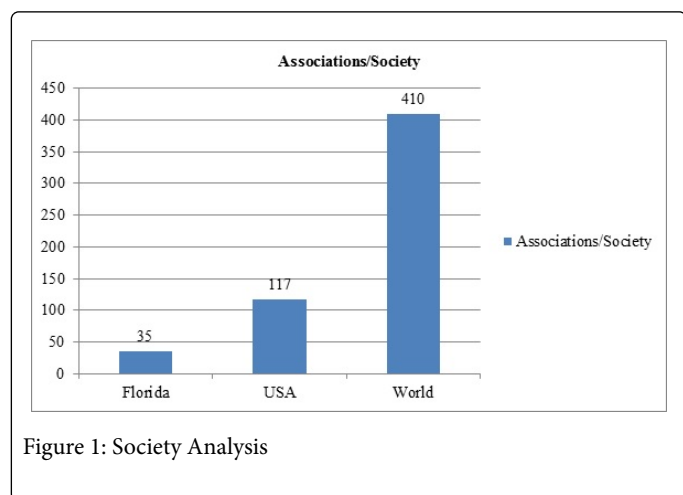
- Orlando Clinical Research Center
- Florida Clinical Research Center
- Sanford-Burnham Medical Research Institute
- UF Health Cancer Center – Orlando Health
- Medical Research Group of Central Florida

Compass Research

**Florida**

- Miami International Cardiology Consultants
- SWICFT institute of South west Florida
- Clinical Research of South Florida
- Clinical Research of West Florida
- Clinical Trials Associates
- Avail Clinical Research
- Florida Research Network

**Major Societies Associated with Clinical Trials**



Source: Ref2

**Societies in Florida**

- Society for Clinical Research Associates
- Miami Research Associates
- Association of Clinical Research Professionals
- Society for Clinical Trials
- American Society of Clinical Psychopharmacology

**USA**

- American Association for Cancer Research
- Canadian Cancer Society
- Association of Clinical Research Organizations
- American Society of Clinical Oncology
- Leukemia & Lymphoma Society

**Societies Worldwide**

- ECFS-Clinical Trial Network- Europe
- Australasian Kidney Trials Network
- Chinese American Medical Society
- International Drug Development Institute, Belgium
- Chinese Clinical Trial Register, China

**CROs and Investigation Sites for Clinical Trials**

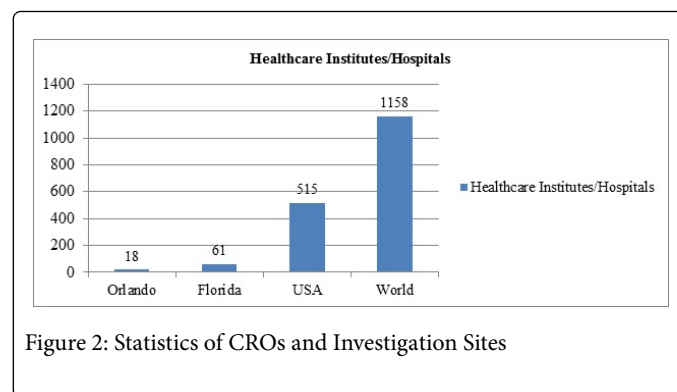


Figure 2: Statistics of CROs and Investigation Sites

Source: Ref3

**Florida**

- Santarus Clinical Investigational Site
- Teva Investigational Site
- BoehringerIngelheim Investigational Site
- Infinity Clinical Research, LLC
- Otsuka Investigational Site
- Memorial Cancer Institute
- GSK Investigational Site

**USA**

- Gulf Coast Medical Center
- Fundamental Research, LLC
- Functional Research LLC
- Thomas Hospital
- Elan Investigational Site
- Novartis Investigative Site
- Pinnacle Research Group, LLC
- Genesis Cancer Center
- Mercy Clinic Hot Springs Communities

**Market Value on Clinical Trials**

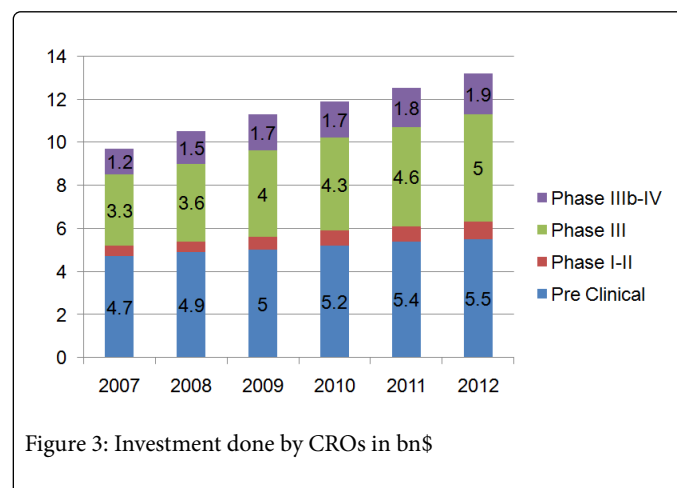


Figure 3: Investment done by CROs in bn\$

Source: Ref4

## Market Growth of Clinical Trials in the last and upcoming ten years

Clinical Trials Management System has made enormous progress in past few years, and according to Transparency Market Research, Clinical Trials Management System has estimated net worth of approximately US\$844 million in 2013, while growing at a compound annual growth rate of 14% during the forecast period, the worldwide Clinical Trials Management System market is expected to acquire market value worth US\$1,848.5 million by 2019.

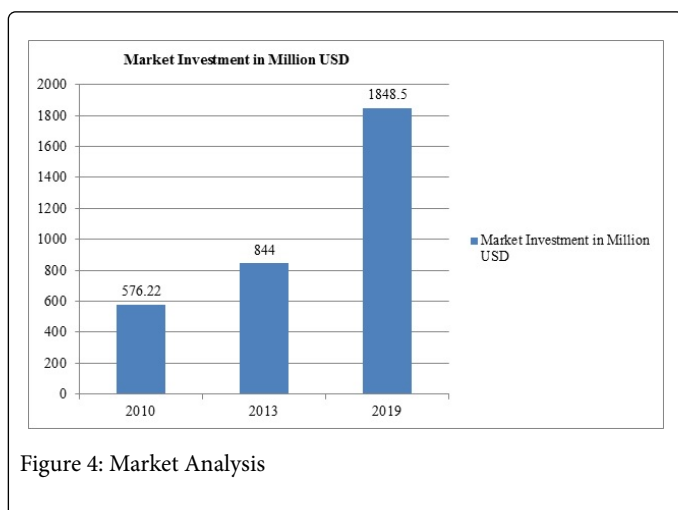


Figure 4: Market Analysis

Source: Ref5

## Products under Clinical Trials in Florida and its market Value

Companies	Product	Investment in \$MN
TetraPhase	Eravacycline, multi resistant bacterial infections	80.6
Chimerix	CMX001 (brincidofovir)-lipid antiviral conjugate technology	117.9
Epizyme	Therapeutics based on epigenetics, EPZ -5676 and EPZ - 6438; AML, ALL, non-Hodgkin lymphoma	88.7
Portola Pharmaceuticals	Betrixaban, andexanet; venous thromboembolism, general coagulation	140.4
PTC Therapeutics	Ataluren; Duchenne/Becker Muscular Dystrophy, Cystic Fibrosis	144.4
Agios Pharmaceuticals	AG-221 and AG-120; IDH1 and IDH1 mutation harboring cancers	121.2

Figure 5: Product and its Market Value Statistics

## Fund Allotment to Clinical Trials

The NIH Clinical Trial Planning Grant Program (R34) supports development of Phase III clinical trials. This program supports

- Establishment of the research team
- Development of tools for data management and research oversight
- Definition of recruitment strategies
- Finalization of the protocol
- Preparation of an operations/procedures manual

The Clinical Trial Planning Grant is not designed for the collection of preliminary data or the conduct of pilot studies to support the rationale for a clinical trial.

The trial is also funded by the National Cancer Institute (NCI), NCI-Designated Cancer Centers, NCI-Sponsored Clinical Trials Cooperative Groups and all other Federal agencies that fund cancer research. Other trials may be eligible for coverage and doctors can ask Medicare to pay the patients costs. Patients should ask their doctor about this before beginning a clinical trial. [Source: Ref6]

## Reference

1. <http://clinicaltrials.gov/>
2. <http://www.centerwatch.com/clinical-trials/understanding-informed-consent.aspx>
3. <http://www.centerwatch.com/clinical-trials/listings/locations.aspx>
4. <http://clinuity.com/blog/2011/07/chart-of-the-day-growth-of-the-cro-market/cro-market-growth/>
5. <http://www.marketwatch.com/story/clinical-trial-management-system-market-is-expected-to-reach-usd-18485-million-in-2019-transparency-market-research-2014-04-11>
6. <http://www.nih.gov/health/clinicaltrials/>