



KTVR Vijaydeepa Group

KTVR Gardens, 219, Marudha Konar Road,
Velandipalayam, Coimbatore - 641 025.

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05-Aug-2010

To

The Head of the Institution

Respected Sir / Madam,

Sub: Seminar on 'Career Opportunities in Clinical Research' – Reg.

We are very glad to invite you to the launch of **Cliniminds Coimbatore** centre which will be followed by a seminar titled "Career Opportunities in Clinical Research" by **Mr. Kamal Shahani**, Director, Cliniminds from New Delhi, between **10 AM & 1 PM on Saturday, August 14th, 2010** at:

Sree Purandaradasar Hall
34, Arokiyasamy Road (west),
R. S. Puram,
Coimbatore – 641 002.

We request you to kindly display this letter on your institution's notice board and also depute your students to attend this programme. For further information, please call **94422-25311** or send an e-mail to tamilnadu@cliniminds.com.

The registration fee for each candidate attending this seminar will be **Rs. 100/- only**. There is no restriction on the number of students participating from each college. Participation certificate will be provided to the candidates. Lunch will be served after the seminar.

For registration, candidates are requested to fill the attached entry form and submit them, along with the payment, at the following address, to the undersigned:

KTVR Group Hospital
Narayana Guru Road,
Saibaba Colony,
Coimbatore – 641 011.

Three entry forms have been attached with this letter. Entry forms can be photocopied and used if more numbers of students are interested.

Thanking you,

Yours sincerely,

Dr J Vijay Venkatraman, MBBS, F. Diab., MBA
Head – Cliniminds Tamil Nadu & Puducherry

Dear Participant,

We are very glad to invite you for the seminar “**Career Opportunities in Clinical Research**” by Mr. Kamal Shahani, Director, Cliniminds, at Sree Purandaradasar Hall, 34, Arokiyasamy Road, R S Puram, Coimbatore – 641 002 on Saturday, August 14th, 2010 between 10 AM and 1 PM.

We request you to register your participation so that we could plan the event. Please fill in the form below and return it to the undersigned, along with the entry fee, at the earliest:

Name:

City:

College/Office:

Qualification:

Mobile:

E-mail:

For further information, please call **94422-25311** or e-mail tamilnadu@cliniminds.com.

With thanks & regards,
Dr J Vijay Venkatraman,
Head & Faculty,
Cliniminds – TN & Pondy



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Narayana Guru Road,
Saibaba Colony,
Coimbatore – 641 011.

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Clinical Research – Fastest Growing Industry in India

Clinical Research is an indispensable part of the drug discovery & development process to ensure the safety and efficacy of any new drug. In today's global scientific era, clinical trials are the mainstay for bringing newer and better drugs to market. Although a set of robust guidelines and regulations are available to govern the conduct of clinical trials in any country, the conduct of clinical research is also looked upon as a area of humanitarian concern.

Drug Discovery & Development-An Outline



Clinical Research Definition: Clinical research is a branch of medical science that determines the safety and effectiveness of medications, devices, diagnostic products, and treatment regimens intended for human use. These may be used for prevention, treatment, diagnosis or for relief of symptoms in a disease.

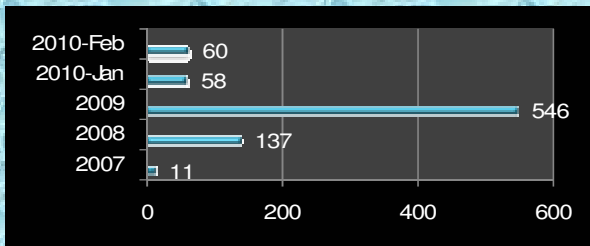
Steps in Clinical research :

Initiation	IND Submission- Investigative New Drug Application to the respective Regulatory Authority
Step I	Phase I Clinical Trial- first studies conducted in humans to verify safety and tolerability of the candidate drug in humans and typically take six to nine months
Step II	Phase II Clinical Trial determines safety and effectiveness of the drug in treating the condition and establishes the minimum and maximum effective dose. This phase of development generally takes from six months up to three years
Step III	Phase III Clinical Trial determines safety and efficacy with several hundred to thousands of volunteer patients suffering from the condition the investigational drug treats. This Phase generally takes from one to four years.
Request to Market	NDA Submission- New Drug Application to the respective Regulatory Authority to market the candidate drug.
Step IV	Phase IV Clinical Trials –Post Marketing Surveillance is an expand testing of a proven drug to broader patient populations and compare the long-term safety, effectiveness and/or cost of the drug to other marketed drugs available to treat the same condition.

India Hub of Clinical Research

The USD64 billion global Drug research industry is witnessing a transition as life science companies are turning toward emerging markets in Asia, Latin America and Eastern Europe, to pursue clinical research. India is becoming favored destination due to several factors, viz. strong regulatory environment, significantly lower cost, fast growing pharmaceutical industry, large genetically diverse and treatment naïve population, patient profile aligned with the key research focus of global pharmaceutical industry such as cardiology, oncology, central nervous system, Anti-infective, asthma, rapidly growing number of world class medical & diagnostics facilities, investigators and abundant availability of scientific talent. Finally, India's ability to offer end to end services in Clinical Research covering trials, data management, medical writing, biostatistics, Pharmacovigilance and Central

Current Official Statistics of Clinical Trials



After witnessing the Huge growth of Clinical Trial industry in India ,ICMR's National Institute of Medical Statistics (NIMS) has set up the Clinical Trials Registry- India (CTRI) for the mandatory registration of all clinical trials conducted in the country.

The Data collected from the DCGI official presentation and recent speeches.

Graph represents number of trials registered in India since 2007.

Career in Clinical Research: Clinical Research has created several new job opportunities in India from the last few years and it is showed its reflection in Indian Economy too. Clinical Research opened a wide range of manpower requirement in different fields like Clinical Research as core and specialized fields like Pharmacovigilance, Regulatory Affairs, Quality Assurance, Auditing & inspection, Medical Writing , Biostatistics, Clinical Data Management, BA/BE Studies, Bio Analytics, Medical Device trials and some opportunities in none core areas like language translation services , logistic services etc. There are over 170 companies involved in Clinical Research in India.By 2012 clinical Research industry would be over \$2 billion in India and would required 50,000 new clinical research professionals.

Job Position	Eligibility	Experience	Job Profile	Indicative Annual Salary
CRC	B Sc/M Sc life Sciences, B Pharm, D Pharm & M Pharm , MBBS, BDS, BHMS,BAMS, BUMS, BPT & BOT	Fresher	Coordination of Clinical Trial Activities in Sites	1.8 - 2.5 lakh
CRA	B Sc/M Sc life Sciences, B Pharm, D Pharm & M Pharm, MBBS, BDS, BHMS,BAMS, BUMS, BPT & BOT	Fresher	Monitoring the Clinical Trials	2 - 3 lakh
Medical Monitor	MBBS,MD	Fresher	Reviewing Clinical Trial Related Medical Data	3 - 6 Lakh
Pharmacovigilance Personnel	MBBS, BDS, B Pharm, M Pharm & BSc	Fresher	Investigation & reporting of Adverse reactions of drug	2.5 - 3.5 lakh
CDM Personnel	B Sc/M Sc life Sciences, Mathematics B Pharm, D Pharm & M Pharm, MBBS, BDS , BHMS,BAMS , BUMS, BPT & BOT	Fresher	Clinical Data Processing in various stages	2 - 3 lakh
Regulatory Affairs personnel	B Sc/M Sc life Sciences, B Pharm, D Pharm & M Pharm, MBBS, BDS, BHMS,BAMS, BUMS, BAMS, BPT & BOT	Fresher	Preparation & Submission of Regulatory Documents	2 - 3 Lakh
Medical Writer	B Sc/M Sc life Sciences, B Pharm, D Pharm & M Pharm, MBBS, BDS, BHMS, BUMS, BAMS, BPT & BOT	Fresher	Creating documents that effectively and clearly describe research results, product use and other medical information	3 - 4 Lakh
Quality Assurance Associate	B Sc/M Sc life Sciences, B Pharm, D Pharm & M Pharm, MBBS, BDS, BHMS, BUMS, BAMS, BPT & BOT	Fresher	Handling internal, systems, facility and documentation audits	3 - 4 lakh
Clinical Research Statistician	B Sc/M Sc life Sciences , Mathematics B Pharm , D Pharm & M Pharm , MBBS, BDS , BHMS,BAMS , BUMS , BPT & BOT	Fresher	Applying mathematics to design surveys and experiments. Collecting and analyzing data and interpreting results	6 - 7 lakh

Cliniminds offers key to Career in Clinical Research

There are several opportunities in Clinical Research for all students from the Medical & Scientific background. To Know more details and how to be part of this opportunity kindly visit www.cliniminds.com

Cliniminds Coimbatore: KTVR Gardens, 219, Marudha Konar Road, Velandipalayam, Coimbatore - 641025. Mob: +91-94422-25311
E-mail: tamilnadu@cliniminds.com Web: www.cliniminds.com

Cliniminds Delhi: C-55, 1st Floor, Preet Vihar , Main Vikas Marg, Delhi - 110092 Tel: 011-30287800-807 Mob : +91-9311166940 9311168241
E-mail: Info@cliniminds.com Web: www.cliniminds.com

Be a part of Rs.50,000 crore global industry with Opportunities in India ,Europe and North America
EXCELLENT PLACEMENT RECORD-100% ASSURED PLACEMENT SUPPORT
CLINIMINDS LAUNCHES OPERATIONS IN TAMILNADU

Clinical Research and its allied fields have opened variety of innovative job openings in India in different sectors of Indian economy. Pharmaceutical companies those who need to market new drugs or generic drugs have to conduct clinical Trials or Bioequivalence & Bioavailability studies in order to ensure safety and efficacy and affordability of the new drugs , therapies or medical devices for the use in Human beings.

<p><u>Why Clinical Research?</u></p> <ul style="list-style-type: none"> • Wide Job Horizon • Attractive Salaries • Higher Professional Growth • Global jobs & Training Opportunities • Higher Job Satisfaction • Need of more than 50,000 trained Clinical Research professionals by 2012 (McKinsey) 	<p><u>Why Cliniminds?</u></p> <ul style="list-style-type: none"> • Industry-recognized endorsed courses • Practical orientation • Industry experienced faculty • Video conferencing sessions • Mock interviews on regular intervals • Campus interviews 	<p><u>Key Employers.</u></p> <ul style="list-style-type: none"> • Max Neeman International • Dabur • CliniRx • PPD • Ranbaxy • Excel Life Sciences • GVK Biosciences • Pfizer • Accenture • TCS • Apothecaries • ICON • Wipro • Clinsys • Reliance Life Sciences • Fortis • Novartis & Many other Companies..... 	
<p><u>Courses Available for Medicos Students</u></p> <ul style="list-style-type: none"> • Advanced Post Graduate Diploma in Clinical Research • Advanced Post Graduate Diploma in Clinical Research & Pharmacovigilance • Post Graduate Diploma in Clinical Trials Management • Post Graduate Diploma in Pharmacovigilance • Post Graduate Diploma in Medical & Scientific content Writing • Advanced Post Graduate Diploma in Clinical Data Management • Post Graduate Diploma in Biostatistics • ICH GCP certificate program in Clinical Research for Medical practioners • Certificate Program in Conducting & Managing Clinical Trials for Cancer patients • Certificate Program for Clinical Trial Investigators & Site Personnel 	<p><u>Courses available for Pharmacy Students</u></p> <ul style="list-style-type: none"> • Advanced Post Graduate Diploma in Clinical Research • Advanced Post Graduate Diploma in Clinical Research & Parmacovigilance • Advanced Post Graduate Diploma in Clinical Research & Regulatory Affairs • Post Graduate Diploma in Parmacovigilance • Post Graduate Diploma in Regulatory Affairs • Post Graduate Diploma in Bioanalytical Techniques • Post Graduate Diploma in Quality Assurance • Post Graduate Diploma cGMP-Good Manufacturing practices • Certificate program in Conducting & Managing Bioequivalence & Bioavailability studies • Certificate Program in Conducting & Managing Clinical Trials for Cancer Patients 	<p><u>Courses Available for Life Sciences & Nursing</u></p> <ul style="list-style-type: none"> • Advanced Post Graduate Diploma in Clinical Research • Advanced Post Graduate Diploma in Clinical Research & Regulatory Affairs • Post Graduate Diploma in Bio analytical Techniques • Post Graduate Diploma in Regulatory Affairs • Post Graduate Diploma in Quality Assurance • Certificate program in Conducting & Managing Bioequivalence & Bioavailability studies • Certificate Program in Conducting & Managing Clinical Trials for Cancer Patients • Post Graduate Diploma in Clinical Research for nurses • Advanced Post Graduate Diploma in Clinical Data Management • Post Graduate Diploma in Biostatistics • Certificate Program in monitoring Clinical Trials 	
<p><u>Courses Available for the Working Professionals in Pharmaceutical & Healthcare Industry</u></p> <ul style="list-style-type: none"> • Diploma in Clinical Research • Post Graduate Diploma in Medical & Scientific Content Writing • Post Graduate Diploma in Biostatistics • Post Graduate Diploma in cGMP • Certificate program in Quality Assurance & Auditing& Inspections • Certificate Program in Clinical Trial Regulations & GCP in Europe & UK 		<p>Cliniminds provide 100% placement assistance on completion of courses. Kindly contact 94422-25311 or send mail to tamilnadu@cliniminds.com to get the prospectus & Fee Structure or visit www.cliniminds.com.</p>	
<p><u>Cliniminds Delhi Head Office</u> C-55,1st Floor ,Preet vihar, Main Vikas Marg Delhi 110092. Mob : 9311166940 ; 9311168241 Tel : 01130287800 Fax : 01130287802 E Mail : info@cliniminds.com Web : www.cliniminds.com</p>		<p><u>Cliniminds Coimbatore</u> KTVR Gardens, 219, Marudha Konar Road, Velandipalayam, Coimbatore - 641025. Mob : +91-94422-25311 Email: tamilnadu@cliniminds.com Website: www.cliniminds.com</p>	

Cliniminds locations: New Delhi| Ahmedabad| Bangalore| Bhopal| Coimbatore| Hyderabad| Jammu| Kerala| Kolkata| Mumbai| Pune| Vijayawada| Europe