

**Celebrating 14 years
of Excellence!**

Research @ Jehangir

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Quarterly Newsletter

Recent Updates

- Achieved the recruitment target of **131 subjects** in approx. one month for the **Covishield Oxford Covid-19 Vaccine study** conducted by ICMR & Serum Institute
- Established a strategic partnership with a **virtual clinical trial platform** provider. With this JCDC can offer its clients efficient, reliable, & trusted ways of conducting virtual clinical trials by leveraging technology.
- Completed a **Nutritional Supplement study** in accelerating healing of **Acute Muscle Injury** within a short time period of 5 weeks.
- Successfully completed the **virtual site visit re-accreditation** by AAHRPP.
- Linq Labs has setup a **BSL2 facility** and successfully completed its first **In-Vivo Anti-Viral Assay** as per ASTM 1838-17 standard.
- A medical writing assignment for a Global Consumer Healthcare company published by **Journal of Indian Medical Association**, January 2021.
- At JCL, completed the **28th Batch** for Clinical Research Course virtually.

Sharing our Experiences: Covishield Oxford study



Mr. Jehangir HC Jehangir
Chairman Jehangir Hospital



Dr. Uma Divate
Director JCDC

Our Executive team shares their experiences on the Covishield Study

<https://youtu.be/p1mBM0MHe5Q>



Dr. Kiranjit Singh
Principal Investigator



Dr. Piyush Chaudhari
Co-Investigator

Our Investigators Dr. Kiranjit Singh M.D. (Internal Medicine) & Dr. Piyush Chaudhari MBBS, DNB (Infectious Diseases specialist) share their experiences

<https://youtu.be/c4FsJDRrd10>



Publications

- Khadilkar V, Khadilkar AV, Lohiya NN, Karguppikar MB. Extended growth charts for Indian children. Journal of Pediatric Endocrinology & Metabolism. DOI: <https://doi.org/10.1515/jpem-2020-0573>. Published online: 15 Dec 2020 2020 Dec 15;1 (ahead-of-print).
- Lote-Oke R, Pawar J, Kulkarni S, Sanas P, Kajale N, Gondhalekar K, Khadilkar V, Kamat S, Khadilkar A. A LC-MS method for 25-hydroxy-vitamin D3 measurements from dried blood spots for an epidemiological survey in India. Scientific Reports. 2020 Nov 16;10(1):1-9.
- Shah N, Khadilkar A, Ekbote V, Mughal Z, Gondhalekar K, Khadilkar S, Ramanan V, Khadilkar V, Padidela R. **DXA & pOCT derived parameters in Indian children with Beta thalassemia major- a case-controlled study.** Bone. 2020 Oct 30;115730. doi: 10.1016/j.bone.2020.115730



Awards

- Sonal Kasture, Veena Ekbote, Ketan Gondhalekar, Vaman Khadilkar, Anuradha Khadilkar. **Effect of 2 different types of exercises & protein supplementation on muscle function in rural Indian children - A randomised controlled trial. Received 1st award for best poster in Experimental nutrition category** at the Indian Dietetic Association Conference 2020, on 10th January, 2021.
- Smruti Vispute, Rubina Mandlik, Anuradha Khadilkar, Vaman Khadilkar, Ketan Gondhalekar. **A comparative study of body frame size measures (height to wrist circumference ratio and elbow breadth) and their association with body fat indices, body composition**

Decentralized (Virtual) Clinical Trials

Decentralisation has the primary goal of making clinical trial participation as easy as possible, enabling participants to continue with their day-to-day lives with minimal disruption. Traditional methods of conducting clinical trials prohibits participation by several willing patients. This brings in huge challenges in recruitment and retention and introduces greater bias in the generalizability of the clinical trial's findings. Decentralized / Virtual trials were gaining traction before the pandemic. However, the COVID-19 accelerated adoption of virtual capabilities as an urgent response. The need for a rapid response during the pandemic paved way for strategy changes, alternate technology choices and acceptance from regulators and leap into the next generation of clinical trials, far beyond COVID-19.



The first decentralized trial at JCDC in a hybrid model went live in mid-January 2021. The study is aimed at establishing safety and efficacy of a medical device and involved 30 healthy volunteers. The Progress of the study and data quality is monitored real time with appropriate role-based data views to defined site team members.

The following were implemented using the virtual clinical trial platform for the study

- Electronic consent in three languages.
- Patient engagement module tracks, study visits and procedures with alerts and reminders configured.
- Direct data collection module for clinic and telephonic visits
- Adverse events alerts and notifications.
- Subject questionnaires (VAS, acceptability forms)

Team Experiences

- *This is my first experience of using a digital platform for study activities especially for source documentation. The biggest advantage of using this platform is that all study activities were done on a real time basis including review of source notes by the Investigator. This has saved a lot of my time of documentation and made me more efficient in work. Also, no separate CRF entry was required. I look forward to using digital platforms for conducting trials going forward.*

Ms. Sonali Pawar

Study Coordinator

- *This was completely new experience for me. The electronic Informed Consent Procedure was easy to adapt to. Definitely a time-saving and user-friendly system.*

Dr. Almas Pathan

Principal Investigator

Celebrating 14th Founder's Day at JCDC



Diwali Celebrations



Contact Us

For any ideas, suggestions, feedback please do not hesitate to contact us

JCDC: www.jcdc.co.in
JCL: www.jclindia.co.in

Linq Labs: www.linqlabs.com
HCJMRI: www.hcjmri.org.in

Social: [f](https://www.facebook.com/jcdc) [in](https://www.linkedin.com/company/jcdc) [YouTube](https://www.youtube.com/channel/UCjcdc) [Instagram](https://www.instagram.com/jcdc)