

File No: BIO/CT/19/000005
Government of India
Directorate General of Health Services
Central Drugs Standard Control Organization
(Biological Division)

FDA Bhawan, Kotla Road,
New Delhi- 110 002, India
Dated: 17 May 2019

To

**M/s. Biological E Limited
Shameerpet Plot No 1,
S.P. Biotechnology Park, Phase II
Kolthur Village, Shameerpet Mandal,
Telangana (India) - 500078.**

Subject: Permission for conducting a clinical trial titled "A multicentre single arm non-comparative Phase-III study to evaluate the safety and tolerability of single intramuscular dose of Biological E's Vi-capsular Polysaccharide-CRM₁₉₇ Conjugate Typhoid Vaccine in ≥ 6 months old infants to < 64 years old adults." - regarding.

Reference: Your Application No. BIO/Form44/FF/2019/13170 dated 28-Jan-2019 on the subject mentioned above.

Sir,

This Directorate has no objection to your conducting the subject mentioned clinical trial as per the provisions of Drugs and Cosmetics Rules under the supervision of the following investigators mentioned in your letter and as per **Protocol No.: BECT057/TCV-Phase-III/CTP-01 Version No. 1.0 final dated 09/10/2018** submitted to this Directorate.

CT No.: CT- 16/2019

1. Dr. G. Bala Kishor, Dept. of Paediatrics, St. Theresa's Hospital Sanathnagar, Hyderabad – 500018, Telangana, India.
2. Dr. Pavan Hegde, Dept. of Pediatrics, Father Muller Medical College, Father Muller Road, Kankanady, Mangalore –5705002, Karnataka, India.
3. Dr. Mandyam Dhati Ravi, Professor of Pediatrics, JSS Hospitals, MG road, Mysore-570004, Karnataka, India.
4. Dr. K. Siva Ram Prasad, Dept. of Paediatrics, Gandhi Medical College and Hospital, Musheerabad, Secunderabad –500003, Telangana, India
5. Dr. Ashish Dhongade, Dept. of Paediatrics, Sant Dnyaneshwar Medical Education & Research Centre, Opp.: Vijay Cinema Laxmi Road, Pune –411030 Maharashtra, India.
6. Dr. Sonali Kar, Dept. of community Medicine, Kalinga Institute of Medical Sciences, Kushabhadra Campus (KIIT Campus-5), KIIT University, PO-KIIT, Patia, Bhubaneswar, Dist Khurda, Odisha -751024, India.
7. Dr. Savita Verma, Dept. of Paediatrics, Pt. B.D Sharma Post Graduate Institute of Medical Sciences, Rothak, Haryana, India
8. Dr. Manish Narang, Dept. of Paediatrics UCMS & Guru Teg Bahadur Hospital, 6th floor, MCH Block, Dilshad Garden Shahdara, Delhi -110095, India.
9. Dr. Madhukar Pandey, Dept. of Paediatrics, Oriana Hospital, Plot number 6, 7, 8, Ravindrapuri Extension, Lanka, Anandbagh, Bhelupur Varanasi -221001, Uttar Pradesh, India.
10. Dr. Kapil Garg, Dept. of Paediatrics, SMS Medical College & Hospital, Jawaharlal Nehru Marg, Gangawal Park, Adarsh Nagar, Jaipur -302004, Rajasthan, India.
11. Dr. Prasanth S, Dept. of Pediatrics, Cheluvamba Hospital, Mysore Medical College and Research Nutrition, Irwin Road, Mysore, 570001.

12. Dr. Jitendra Singh Kushwaha, Prakhar Hospital Pvt.Ltd, 8/219, Arya Nagar, Kanpur, Uttar Pradesh –208802.
13. Dr. Mohammed Abdul Rahman, Dept. of Paediatrics, Siddhartha Medical College & Govt. General Hospital, Hanumanoet, Two Town, Vijayawada –520008, Andhra Pradesh, India.
14. Dr. Dinesh Kaul, Department of Paediatrics, Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi-11-0060.
15. Dr. Gaurav H Chhaya, Sanjivani Super Speciality Hospital Pvt. Ltd., 1, Uday Park Society. Nr. Sunrise Park, Vastrapur, Ahmadabad-380015, Gujarat, India.

The clinical trial permission is subject to the following conditions:

- a) Clinical trial shall be conducted in compliance with the approved protocols, requirements of Schedule Y, Good Clinical Practice Guidelines issued by this Directorate and other applicable regulations.
- b) Approval of the Ethics Committee duly registered with the office of DCG(I) shall be obtained before initiating the clinical trial.
- c) Clinical trials shall be registered at Clinical trials Registry of India before enrolling the first patient for the study.
- d) Annual status report of each clinical trial, as to whether it is ongoing, completed or terminated, shall be submitted to the Licensing Authority, and in case of termination of any clinical trial the detailed reasons for the same shall be communicated to the said Licensing Authority.
- e) Any report of serious adverse event occurring during clinical trial study to the subject, after due analysis, shall be forwarded within fourteen days of its occurrence as per Appendix XI and in compliance with the procedures prescribed in Schedule Y.
- f) In case of an injury or death during the study to the subjects, the applicant shall provide complete medical management and compensation in the case of trial related injury or death in accordance with rule 122 DAB and the procedures prescribed under Schedule Y, and the details of compensation provided in such cases shall be intimated to the Licensing Authority within thirty days of the receipt of the order of the said authority.
- g) The premises of Sponsor including their employees, subsidiaries and branches, their agents, contractors and sub-contractors and clinical trial study sites shall be open to inspection by the officers authorized by the Central Drugs Standard Control Organization, who may be accompanied by an officer of the State Drug Control Authority concerned, to verify compliance to the requirements of Schedule Y, Good Clinical Practices guidelines for conduct of clinical trial in India and other applicable regulations.
- h) The Sponsor including their employees, subsidiaries and branches, their agents, contractors and sub-contractors and clinical trial study sites and the Investigator shall allow officers authorized by the Central Drugs Standard Control Organization, who may be accompanied by an officer of the State Drug Control Authority concerned, to enter with or without prior notice, any premises of Sponsor including their employees, subsidiaries and branches, their agents, contractors and sub-contractors and clinical trial sites to inspect, search and seize any record, data, document, books, investigational drugs, etc. related to clinical trial and provide adequate replies to any queries raised by the inspecting authority in relation to the conduct of clinical trial.
- i) Clinical trial shall be conducted only at those sites which are institutes/hospitals having adequate emergency facilities and duly registered Institutional Ethics committees.
- j) The details of payment/honorarium/financial support/fees paid by the Sponsor to the investigator (s) for conducting the study shall be made available to this Directorate before initiation of each of the trial sites.
- k) An audio - video recording of the informed consent process in case of vulnerable subjects in clinical trials of New Chemical Entity or New Molecular Entity including procedure of providing information to the subject and his understanding on such consent, shall be maintained by the investigator for record; Provided that in case of clinical trial of anti-HIV and anti-Leprosy drugs, only audio recording of the informed consent process of individual subject including

the procedure of providing information to the subject and his understanding on such consent shall be maintained by the investigator for record.

- l) It may kindly be noted that merely granting permission to conduct clinical trials with the drug does not convey or imply that based on the clinical trial data generated with the drug, permission to market this drug in the country will automatically be granted to you.
- m) **Results of the earlier Phase II/III study should be submitted to this office for approval before initiation of said Phase III study.**
- n) **The formulation intended to be used in the clinical trial shall be manufactured under GMP conditions using validated procedures and shall have ongoing stability programme.**
- o) **Only CDL, Kasauli certified batches shall be used in the clinical trial.**

Yours faithfully,

S ESWARA
REDDY

Digitally signed by S ESWARA REDDY
DN: c=IN, o=CENTRAL DRUGS STANDARD
CONTROL ORGANIZATION,
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c3a02cb467e76d5edc0b3a731ee144, ou=DGH,
CN=6432120, postalCode=110002, st=Delhi,
cn=S ESWARA REDDY
Date: 2019.05.17 16:05:13 +05'30'

(Dr. S. Eswara Reddy)
Drugs Controller General (India)