

Clinical and Experimental Trials in Cardiology

Burton M Altura*

Suny Downstate Medical Center, Pharmacology & Medicine SUNY Downstate Medical Center, USA

ABSTRACT

Clinical trials are experiments or observations done in clinical research. Such prospective biomedical or behavioral research studies on human participants are designed to answer specific questions about biomedical or behavioral interventions, including new treatments (such as novel vaccines, drugs, dietary choices, dietary supplements, and medical devices) and known interventions that warrant further study and comparison. Clinical trials generate data on safety and efficacy.

Keywords: Clinical trials; Experiments; Biomedical studies; Therapy

EDITORIAL NOTE

Clinical trials are experiments or observations done in clinical research. Such prospective biomedical or behavioural research studies on human participants are designed to answer specific questions about biomedical or behavioural interventions, including new treatments (such as novel vaccines, drugs, dietary choices, dietary supplements, and medical devices) and known interventions that warrant further study and comparison. Clinical trials generate data on safety and efficacy.

They are conducted only after they have received health authority/ethics committee approval in the country where approval of the therapy is sought. These authorities are responsible for vetting the risk/benefit ratio of the trial—their approval does not mean the therapy is 'safe' or effective, only that the trial may be conducted.

Depending on product type and development stage, investigators initially enroll volunteers or patients into small pilot studies, and subsequently conduct progressively larger scale comparative studies. Clinical trials can vary in size and cost, and they can involve a single research centre or multiple centers, in one country or in multiple countries. Clinical study design aims to ensure the scientific validity and reproducibility of the results. An experimental drug is a medicinal product (a drug or vaccine) that has not yet received approval from governmental regulatory authorities for routine use in human or veterinary medicine. A medicinal product may be approved for use in one disease or condition but still be considered experimental for other diseases or conditions.

On behalf of the Board of the Journal of Clinical and Experimental Cardiology and my co-editors, I am glad to present the Volume 11, Issue 9 of the journal. The journal established in the year 2010 has now published more than 10 volumes; more than 8 issues from the year 2010. Average download per article is increasing and on an average there are 50 downloads per paper. All these are promising

signs. We could reach this stage through the constant support of Board Members and intellectual generosity of the readers and contributors (authors and reviewers).

The current volume 11 Issue 9 various aspects in the field of anesthesia were explained by different authors. In the Book review by Hector Rodriguez-Angulo et al discussed about An Electrocardiographic and Morphological Study of Oral L-Arginine Administration Effects on a Model of Cardio toxic β_2 Overstimulation.

Dr. Mehmood Z et al discussed a case series about Autonomic Dysreflexia: A Case Series. Dr. Spadari RC discussed research article about Persistent Effects of Sub chronic Stress on Components of Ubiquitin Proteasome System in the Heart. An editorial on Emergence of Science in Cardiology, Dr. Galal E Nagib Elkilany discussed a research on Myocardial Deformation Imaging Meta-Analysis in Two Cohorts of Patients from UAE and Heart Hospital Hama medical Corporation: A Potential Role in Assessment of Coronary Artery Disease Severity and Myocardial Viability.

As per the above case reports and research articles discussed by various authors from different parts of the world we successfully released 9th issue in volume 11. Now, we are going to release an Issue 10 in the volume 11. With the support of the eminent authors around the world, we our editorial members decided to increase 2 more Issues in this current volume 11.

As always, we would like to thank our steadfast faculty advisors. Their guidance and support make our journal possible, and we are deeply indebted to them for the time and effort that they put into our journal. On a final note, the outgoing board would like to send its best wishes to next year's new board members. We hope that the incoming board will strive to honor the efforts of the past ten years and pass down the work ethic and appreciation of academic scholarship to future JCEC members.

Correspondence to: Burton M Altura, Suny Downstate Medical Center, Pharmacology & Medicine SUNY Downstate Medical Center, USA, Tel: + (718) 270-2194; E-mail: burton.altura@downstate.edu

Received: September 28, 2020; **Accepted:** October 12, 2020; **Published:** October 19, 2020

Citation: Burton M A (2020) Clinical and Experimental Trials in Cardiology J Clin Exp Cardiol.11:683. DOI: 10. 35248/2155-9880.20.11.683.

Copyright: © 2020 Burton M A. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited..