

CASE STUDY: AWARENESS OF CLINICAL TRIALS IN PHARMACY STUDENTS WHEN INDIA IS SET TO BECOME A HUB FOR CLINICAL TRIAL

Ashish Chourasia*, Har Govind Garg, Arvind Dangi and Vipul Patel

Truba Institute of Pharmacy, Bhopal, Madhya Pradesh, India.

Article Received on
01 July 2017,
Revised on 22 July 2017,
Accepted on 12 August 2017
DOI: 10.20959/wjpr201710-9349

***Corresponding Author**

Ashish Chourasia

Truba Institute of Pharmacy,
Bhopal, Madhya Pradesh,
India.

ABSTRACT

Despite the global economic instability due to food crisis and fuel price rise, India is fast becoming a hub for clinical trials and is likely to grow to an extent of US \$546 million by 2010 from current levels of less than US \$150 million.^[1] The market has grown at almost 400 per cent in the past two years and is pegged to grow even more by 2010.^[1] To evaluate the adaptation of the pharmacy students with respect to the contemporary situation, a survey based on a set of questionnaires was designed and conducted in different pharmacy colleges of Bhopal. Study sample group was selected from the institute to evaluate their

awareness about the clinical trials and the related aspects. Study sample group included 150 students pursuing graduation and masters. The response collected was evaluated and the inference revealed that only a small segment of students were aware about current trends in clinical trial industry. Finally the correct explanations were conveyed to them. Thus, a need to upgrade the current curriculum, adopt research oriented training, acquiring knowledge about the GCP, IPR etc. was felt. So that, the Indian students would be ready to adapt INDIA – becoming a hub for clinical trials.

KEYWORDS: Hub, Clinical trial, Survey, Evaluate, Awareness.

INTRODUCTION

India has a global market share of almost 50% in the clinical trial business. It becomes a more obvious choice as this is home to over 16,000 hospitals and 500,000 doctors making it an ideal country to conduct clinical trials.^[2] India has advantage of faster patient enrolment ensuring fast clinical trials.

OBJECTIVE

The objective of this study was to assess the student's awareness on clinical trials. It was a prospective study conducted in different pharmacy colleges of Bhopal. Bhopal is one of the emerging educational hub of India having a large pool of pharmacy colleges.

MATERIALS AND METHODS

Some general questions were designed to evaluate and assess the awareness about clinical research and trials among pharmacy students. In this study I have prepare some set of questions for the students and collect the data to evaluate and prepare a statistical analysis. I have done this experiment in 2016, at Truba Institute of pharmacy, Bhopal but involve the pharmacy students of other colleges of Bhopal as well so that I can assess the awareness among pharmacy students of Bhopal.

Experimental Method

The following set of questions were designed to evaluate the awareness about clinical research among pharmacy students.

1. What is a clinical trial ?
2. Why are clinical trials important ?
3. Why should you be interested in a clinical trial ?
4. How are clinical trials conducted ?
5. Informed consent ?
6. What protection do you have as a participant in a clinical trial ?

The data was collected and evaluated.

RESULT

The individual question analysis (chart#1) of the collected data, done on the basis of a special evaluation plan was used to prepare an overall analysis (chart#2) of the awareness about clinical trial among pharmacy students.

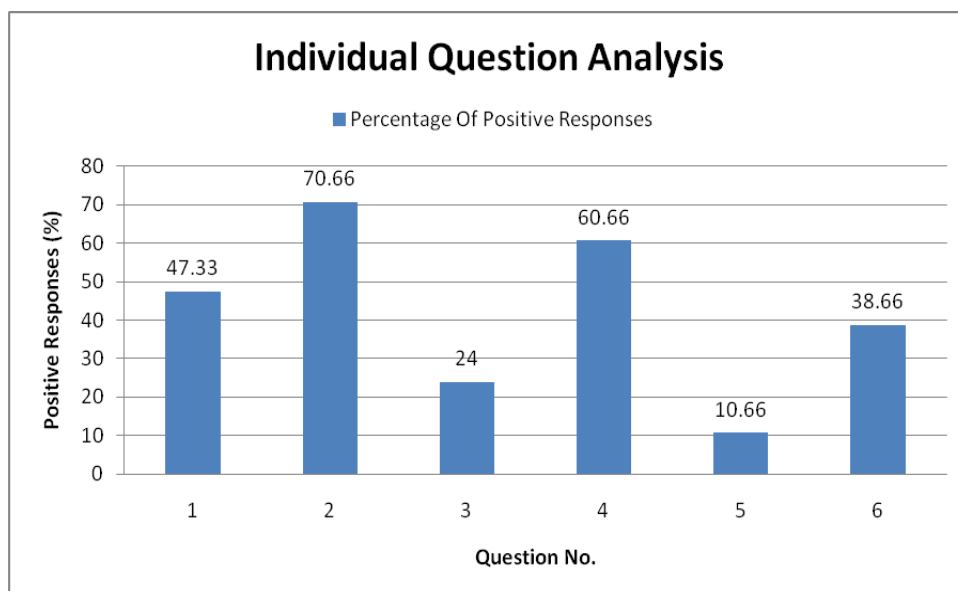
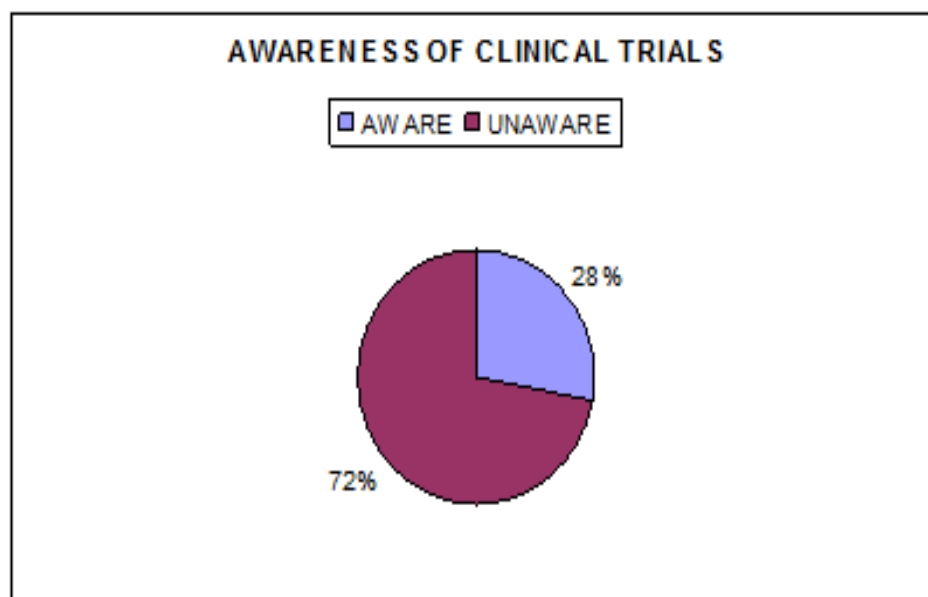


Chart 1:- Individual Question Analysis.



Pie Chart 2:- Over all Awareness among students.

The full data simplified as a pie chart revealed the disappointing unawareness among the pharmacy students.

DISCUSSION

Clinical Research, being a fast growing business as far as pharmaceutical industry is concerned, it was felt that there is a need to educate Pharmacy students regarding clinical trials and its importance, as they are the future monitors of the clinical trials.

REFERENCES

1. file:///H:/clinicaltrials/IndiatobecomeglobalhubforclinicaltrialsGovernment.htm
2. file:///J:/clinical%20trials/catFull.jsp.htm