

4th International Summit on

GMP, GCP & Quality Control

October 26-28, 2015 Hyderabad, India

Clinical trials: Footprint to the future

G Satya Sravani

Aditya Institute of Pharmaceutical Sciences and Research, India

A drug discovery programme initiates because there is a disease or clinical condition without suitable medical products available and it is this unmet clinical need which is the underlying driving motivation for the project. For the purposes of drug discovery, a clinical trial is any research study that prospectively assigns human participants or groups of humans to one or more health-related interventions to evaluate the effects on health outcomes. Clinical trials are used to determine whether new biomedical or behavioural interventions are safe, efficacious and effective. Clinical trials answer 2 questions.

- Does the new treatment work in humans?
- Is the new treatment safe?

It takes many years for a single drug to come into the market. They perform many tests regarding this tablet. There are both benefits and risks of the clinical trials. It is dangerous if the drug is not tested properly due to some reasons and is released into the market. For example, thalidomide: this drug is given to the pregnant lady and the baby is born without limbs. This is known after the drug has been released into the market. Many children are born without limbs due to these drugs. Clinical trials should be performed very carefully so that it will give good results to the person but does not affect the person.

satyasravani187@gmail.com

Notes: