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A Brief Note on Introduction to Clinical Trials , Ethics and Risks Benefits of Clinical Research

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Abstract

The clinical trial is that the end of an extended and careful research and development process (drug/vaccine/medical device). Clinical trials should follow strict step by step process and scientific standards to guard and stop patients from diseases. The first purpose of the clinical test is to form sure that the merchandise is safe, effective and bringing value to the mankind. Conflicts between the goals of science and therefore the got to protect the rights and welfare of human research participants end in the central ethical tension of clinical research. The goal of clinical research is to get scientifically valid data efficiently while protecting research participants. Decisions should favor the rights and welfare of human participants instead of the scientific ends.

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Introduction

Each study presents its own set of ethical considerations. Certain sorts of ethical issues are inherent especially areas of clinical research, no matter specific ethical questions related to a selected study. A number of the foremost common special areas of clinical research are presented, highlighting the moral issues most often related to each. Research involving human participants may be a carefully regulated activity. Since the publication of the Nuremberg Code, the Declaration of Helsinki, and therefore the Belmont Report, many countries during which clinical research is conducted have developed their own legislation and regulatory organizations. Scientific research is defined because the systematic collection of data to supply generalizable findings. Then upon results the trial is continued or withdrawal, Informed consents are signed by patients after a proper discussion about the treatment and procedure which they will be undergoing.

Clinical research may be a subset of all research project and is defined because the systematic collection of data from humans and/or from organic material taken from humans to supply generalizable findings.

The goal of clinical research is to accrue knowledge to enhance the diagnosis and/or treatment of human diseases Clinical research identifies, accumulates, organizes, and interprets information about the function of the physical body in health and disease. Clinical research is vastly different from clinical medicine. Although clinical research requires knowledge and skill within the practice of clinical medicine, clinical research involves human participants within the scientific enterprise of manufacturing new information anticipated to profit future patients. Although some research participants may benefit directly from their enrolment in studies, individualized benefit isn't always the first goal of conducting a clinical research study. Balancing risks and benefits is that the core ethical responsibility in clinical research. This responsibility is shared among investigators, oversight bodies, and any professional and/or surrogate involved within the performance of a search study with human participants. The responsibility.