



## **S21. HISTORY OF CLINICAL RESEARCHES AND ETHICAL COMMISSIONS IN OUR COUNTRY AND WORLDWIDE**

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Drug investigation and treatment methods on humans dates back to very early times. The oldest records about clinical research was done by the King of Babylon, Nebuchadnezzar, in 562 BC. The first trial of a new treatment was done in the Renaissance period by the surgeon Ambroise Pare in 1537. According to many sources, use of a control group in experiments was first practiced by the father of clinical trials James Lind. In 1800's clinical trials have started to spread giving more importance to study design. In 1803 Thomas Percivalin "Code of Medical Ethics" advised on conducting research ethics. When we look at the history of clinical researches it is known that errors are found, even causing fatal events. Examples to such events in the history are as follows: The pseudo-medical experiments conducted by 23 German medical doctors on thousands of prisoners without their consent who were accused of killing them led to the publication of the Nuremberg Code in 1947. The Tuskegee study which started in May 1932 ended in 1972, the Willowbrook study which was conducted between 1963 and 1966 period, and the Jewish Chronic Disease Hospital study which was done at 1963 are other prominent examples of the past.

In order to prevent such incidents and establish necessary legal arrangements as well as to protect the rights, health security and well being of volunteers who participate in researches, the establishment of independent committees called as ethic committee in the World which are responsible from giving opinions in respect of scientific and ethical aspects of the research can be summarized as follows: the publication of "Medicine Morality Guideline" in Canada in 1971; the establishment of a committee in 1976 in the US state of New Jersey; the establishment of a bioethics committee in 1977 Montefiore Medical Center in New York; the increase in the demand for ethic committees due to the recommendation of the World Medical Association in 1975 to regulate researches on humans, the first conference regarding hospital ethic committees which was held in the Washington state in 1983. In Turkey, clinical research ethic committee was first introduced in 1993 by the "Regulation on Drug Research" which has been updated in 2014. In addition to this, there are also guidelines which regulate working procedures and principles of ethic committees.