

Trends in Medical Research

Medicine has always seen variable approaches and ideas to identify and resolve clinical scenarios. In last century two leading events of First and Second World Wars made the major effects on human life. Similarly clinical presentations were also analysed on these perspectives. Technology not only contributed to analyse clinical pictures but a lot of bias in clinical research has also been made.

Basically medicine is supposed to contribute to resolving Health issues in effective manner and making life more acceptable and contributing to society. However a lot of complications in clinical practice have provoked research that has contributed to misleading diagnostic practices.

In last century most of the clinical research was funded by Pharmaceutical Industry to support diagnostic & prognostic strategies. Most of the clinical procedures were thus dependent of this support. Therefore most of the outcome was also diverted towards generation of drug therapy based on chemically manufactured drugs.

Academic Research is another ideology to support clinical skills and solutions of medical scenarios around the world. Industry and investors are becoming increasingly frustrated with the lack of reproducibility of positive results from academic science published in peer-reviewed journals. In 2012, Amgen could not reproduce the results of 47 out of 53 so-called "landmark" oncology studies, and in 2011 Bayer discontinued 65 percent of its target validation projects when its results did not match published experiments.

It is the prime responsibility of Academia to organize and guide research protocols in the benefit of community related problems. The Health Department must hold conferences and meetings to organize data development and analysis to organize clinical research in object oriented direction. Thus current clinical problems must be identified and research must be directed against such dimensions.

Community certainly needs the solution of its clinical problems when such high grade technology & assessment procedures are available involving the ideology of diagnostic strategies related with Health.

REFERENCES

1. The industrialization of clinical research. Health Aff. (Millwood). **2000**; 19, 129–146.
2. Olliario, P.L. et al. Drug studies in developing countries. Bull. World Health Organ. **2001**; 79, 894–895.
3. Shah S. Globalization of clinical research by the pharmaceutical industry. Int. J. Health Serv. **2003**; 33, 29–36.
4. Getz K. A. CRO contribution to drug development is substantial and growing globally. **2006**; Impact Report 8, 1–4.

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