

## Clinical Research

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During the last few decades enormous advances in basic physical and biological sciences have taken place. These advances have provided unprecedented opportunities to understand human health problems. The clinical knowledge has not grown nearly as rapid and therefore have not produced comparable benefits at the bed side.

The outcome of scientific research requires that academic institutions should produce and support sufficient number of physician – scientists to make use of scientific developments to improve prevention, diagnosis and treatment of diseases. To achieve this goals following recommendations are made.

1. The institutions of academic medicine should attract, develop and nurture clinical investigators, create infrastructure needed by the investigators and finance clinical research.
2. Education module in clinical research should be included in curriculum of undergraduate and postgraduate programs.
3. Before or during postgraduate residency the doctors must be encouraged and financed to attend MSc Research program which should have taught courses and research thesis.
4. Pakistan Medical and Dental Council should add “education in clinical research” to the requirements for accreditation of medical colleges and postgraduate programs.
5. The academic institutions and journals should take steps to facilitate and give recognition in field of clinical research.
6. The junior faculty should be supported to maximize their success in clinical research.
7. The federal and provincial governments should award grade 22 to professors in recognition of their outstanding patient oriented research.
8. The institutions should simplify their regulatory process, strengthen the human protection programs and maximize administrative and financial support for the clinical research.
9. All medical teachers should have more than three longitudinal research projects to accept residents for training in clinical research.



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*(Sitara-e-Imtiaz)*

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