

How Acquired Insights of Personalized and Translational Medicine May be Integrated in Evidence Based Medicine

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Physicians as do all medical personal are committed to follow a basic system of medical facts and principles called Evidence Based Medicine (EBM).

Working with Evidence-Based Medicine provides a medical treatment based on the best proven data of medical science at a certain moment.

The principles of EBM may be used as a benchmark to build up the necessary experience of the daily practice and may serve as starting point for critical evaluation.

The paediatrician E. Draaisma and colleagues in The Netherlands have brought into practice the conclusions of such evaluations at their paediatric department after internal discussion in so-called critically appraised topic meetings. They changed at several points the handling of medical routine duties in diagnostics and treatments.

Accurate assessment of the results of medical care delivered may bring new insights and decisions which lead to enhancement of accuracy on the work floor and bring profit to the patient. Discussions may conclude to change for the better existing routines, brought in in a multidisciplinary setting. Reduction of costs makes it yet more important.

Elsewhere the critical medical look brought scientists in medical fields to develop new specializations as Personalized and Translational Medicine. Implicating the individual situation of the patient, the holistic view with which medical problems may be attacked have to bring better decisions in daily practice. Multidisciplinary approach of a problem makes it yet more conclusive.

The pioneer of Evidence Based Medicine David Sackett and other scientists have been earlier advocate of taking into account the story as told by the patient and individual context to be joined with the scientific proven data.

Evidence Based Medicine and Personalized and Translational Medicine are supportive of each other. Clinics and scientific research have to be aware of the significance of their multidisciplinary contribution [1-6].

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