Continuing Medical Education

Precision Medicine: Concepts, Methods and Clinical Implementation

Precision Medicine comprises customized diagnostic and therapeutic strategies targeting patients with susceptibility to a distinct disease condition based on individualized and family genomic background, environmental effects, lifestyle habits and co-morbidities. It is an emerging clinical field that integrates broadly validated results from investigations of molecular and genetic basis of diseases with prevention, diagnosis and treatment of the individual patient. It is also a necessary aspiration if we are to achieve a health care delivery system that can provide accessible, high-quality, and efficient clinical care.

While it has tremendous potential to contribute to improving outcomes and decreasing cost of treatments, there remain important challenges to its clinical implementation that need attention, including education of physicians for successfully transition to using Precision Medicine at their medical practice; integrating molecular and genetic guidance into routine healthcare delivery; securing patient engagement and trust; regulating Laboratory diagnostic tests (LDTs) and targeted therapies; generating the evidentiary support for Precision Medicine; data-sharing and infrastructure needs; economics of Precision Medicine and the new business models that simultaneously reduce the cost but improve the quality of care.

On this basis, this course has been mainly designed to meet the educational needs of physicians and other health care providers who see patients and have the desire of understanding newest concepts, methods and procedures of Precision Medicine, its cost-effectiveness and its distinct business model, commercialization channels and reimbursement.

Features: Lectures in English and Spanish; 15 hour-Course in 3 and 5-day formats, 1-2-day Clinical Case Study.

Disclaimer
The information provided in this Course is for medical education and informational purposes only. It should not be construed as personal medical advice, and is not meant to substitute for the independent medical judgment of a physician regarding diagnosis and treatment of a specific patient’s medical condition. The opinions expressed in this educational course are those of the faculty and do not necessarily represent the views of organizers of the Course. For any question or concern about a medical matter, participants at the course should consult healthcare provider and refer to the official prescribing information for each product for discussion of approved indications, contraindications, and warnings.

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