



## Patient reported outcome measurements

**Dr. Anil T. M.**

International Medical University, Kuala Lumpur, Malaysia

Traditionally, health care was always valued from clinical perspective, and patient choices were of secondary importance. The technique used to integrate effects of treatments and diseases from patients' opinion is to use Patient reported outcome (PRO) measures. PRO is a broad theoretical construct developed to explain and organize measures concerned with the evaluation of health status, values, perceived levels of satisfaction and general well-being with respect to either specific health condition or life as a whole from individual's perspective .

Scarce availability of resources in society compels decision-makers to balance the benefits and risks of treatment when they make decisions for patients. When the family resources are limited it has to give up other benefits, which demand the need for economic analysis to help informed decision making. The PRO instruments can be used to study benefit gained or perceived by the patients against the resources consumed, thus helping in economic evaluation. When measuring PRO it is important that the instrument selected, measures the health dimensions relevant to that particular set of patients. The desirable instrument should be having the proof of Reliability (consistency in ratings), Validity (representation of theoretical constructs) and Responsiveness (detect even small changes.). For comprehensive picture of a patients' PRO, it is often desirable to include combination of both, the generic health and disease-specific instruments.