



Healthcare Engineering – Optimizing The Healthcare Delivery Through Interdisciplinary Technology Integration

by Ir. Prof. Dr Mandeep Singh

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This talk was given by Dr Kalaivani Chellappan from Universiti Kebangsaan Malaysia on 29 November 2017. The talk looked into Healthcare Engineering is engineering techniques integration in all aspects of the prevention, diagnosis, treatment, and management of illness, as well as the preservation and improvement of physical and mental health and well-being, through the services offered to humans by the medical and allied health professions. Interdisciplinary technology integration approach focuses on dual goals of cost-effective delivery and better patient outcomes.

At the core of these two emerging concepts is a new emphasis on encouraging physicians, hospitals, and other health care stakeholders to work more closely together to better coordinate patient care through integrated goals and data sharing and to create team-based approaches that give a greater role to patients in health care decision-making through technology integration.

This approach aims to achieve better health outcomes at lower cost.

