

# PATIENT SAFETY

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Medicine will never be risk-free. From the beginning of training, doctors are taught that errors are unacceptable and that the philosophy of *primum non nocere* (first, do no harm) should permeate all aspects of treatment. Yet, worldwide, despite all the improvements in treatment and investment in technologies, as noted in *Nudge: Improving Decisions about Health, Wealth, and Happiness* by Thaler, unsafe practices, incompetent healthcare professionals, poor governance of healthcare service delivery, errors in diagnosis and treatment and non-compliance with accepted standards. When errors occur, it is important that there are systems in place to ensure that all those affected are informed and cared for, and that there is a process of analysis and learning to uncover the causes and prevent recurrence of such events. It is equally important to learn more about the characteristics and facilitators of safe, high-quality care. The study of patient safety is now a healthcare discipline in its own right, encompassing patient safety methodologies, health service design, investigation of incidents and related research. The development of risk management strategies within the healthcare setting attempts to address these failings. Comprehensive risk management is not just an exercise in litigation avoidance but aims to develop a cultural awareness and support for all healthcare workers in defining and delivering high-quality clinical care. A milestone report by the US Institute of Medicine of the National Academy of Sciences (now the National Academy of Medicine), *To Err is Human: Building a Safer Health System*, drew widespread attention to the impact of medical error on healthcare outcomes. The World Health Organization (WHO) estimates that, even in advanced hospital settings, one in 10 patients receiving health care will suffer preventable harm, although measurement of the incidence of suboptimal outcomes remains challenging. In addition to the potential for needless suffering, the financial burden of unsafe care globally is compelling, resulting as it does in prolonged hospitalisation, loss of income, disability and litigation costing many billions of dollars every year. In 2017 the Organisation for Economic Co-operation and Development (OECD) published *The Economics of Patient Safety*, which indicates that this is a problem faced in all healthcare systems, with iatrogenic patient harm being the 15th leading cause of the global disease burden and accounting for 15% of all OECD countries' hospital expenditure. While the relationship between medical error and litigation is particularly complex, sophisticated healthcare systems understand that effective strategies to promote patient safety and quality improvement must include a whole organisational culture change with both central senior management involvement and active engagement by all those within the organisation. Furthermore, clinical audit, data management and incident reporting must be carried out in a 'blame-free' culture with an emphasis on education and the avoidance of an adversarial culture, which hinders active participation. PATIENT SAFETY

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