Biography :

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He is a neurosurgeon with surgical science as his back ground. He has a great deal of interest in neuroscience research such as brain micro-vessel endothelial cells, neural stem cells, cancer stem cells, and medical information communication and technology (medical ICT); especially telemedicine in Neurosurgery and integrated medical services using cloud computing system.

An Online Platforms, Pilot Neurosurgery Report System (NeuSyRS) as Implementation of ICT: Bandung Neurosurgery Center Experience

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ABSTRACT

Introduction: Neurosurgery Report System (NeuSyRS) platforms are designed to meet requirements of managing a clinical database and interfacing with any services responsible for data acquisition and visualization. **Materials and methods:** We create NeuroSyRS as the central portal and database for the entire information communication technology (ICT) system and is designed to support the modern paperless clinical environment and teleneurosurgery consultation. The built-in database can be used to store patient details or connecting to hospital information systems. **Results:** We implemanted an online NeuSyRS platforms for acquiring, storing and synchroning clinical data whose main component can be extended to more advance system for involving remote monitoring all of our patients. **Conclusions:** The application proved to be useful in the speeding up the recording of clinical information compare with old-paper-based reporting system and reducing human error. Our NeuSyRS will bridging the gap betwen clinical need for digital documentation, telemedicine-monitoring and improving the follow-up all of our outpatients for better services.

Keywords: Neurosurgery Report System (NeuSyRS), Medical ICT, eHealth