

Local Host Web Application for Pre Anesthesia Record System

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Abstract. There are uncountable number of patients face to the anaesthetic situations in the world. Anaesthesia means basically out of sensation. It means anaesthesia is a state of controlled, temporary of sensation or awareness that is induced for medical purposes. It may include some or all of analgesia (relief from prevention or pain), paralysis (muscle relaxation), amnesia (loss of memory), and unconsciousness and so on. Patients do anaesthesia when they are going to face for surgeries. There are 4 types of anaesthesia as ASA 1, ASA 2, ASA 3, ASA 4 also called as ASA statuses. The anaesthesiologists, who are specified in anaesthetic field and nurses have to clarify the ASA status of the patient according to their medical situations. Current process in here is, doctors and nurses gather the information of medical problems of patient to a record sheet and manually categorize the ASA level of the patient. The main problems in this process are such as time can be wasted for critical patients, record book can be misplaced, recorded data may not be clear, data can be missed etc. So, in this study, showing the anaesthesia status of the patient automatically using web technologies, when the medical data of those patients to the system is described as a remedial measure to this problem. And also, the suggested system has the ability for setting reminders for doctors to check the patient's medical plans and system can be shown the statistics of the ASA level comparison of the world, by age and by gender. The suggested system can be used even on offline because this is a local host web-based system.

Keywords: *Anaesthesia, ASA, surgery, medication, Pre- anaesthesia, web technologies*