MONITORING OF CARDIAC FUNCTION UNDER ANAESTHESIA

ESSAY

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M.S. Degree in Anaesthesia

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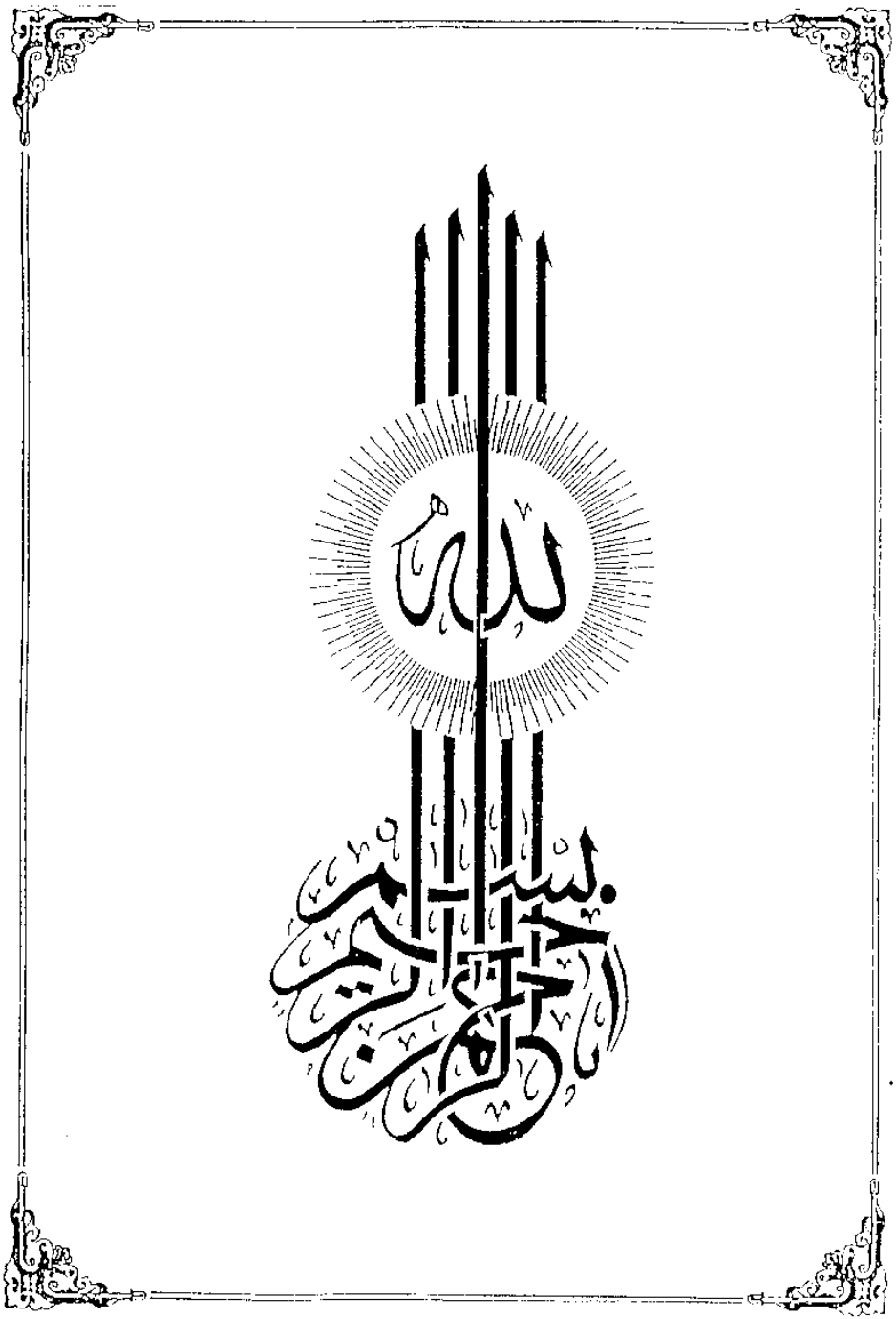

بسم الله الرحمن الرحيم

﴿ وقل رب زدني علماً ﴾

صدق الله العظيم

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Monitoring enhance vigilance and patient safety during surgery and anesthesia.

Advances in microprocessor technology,digital display and computer have lead to development of more sophisticated instrument and methods of data procurement and display but the basic principles of monitoring remains unchanged.

Monitors measure the physiologic effects of surgery and medication and permit the early detection of adverse effects and lead to early treatment and improved outcome.

Routine monitors were selected based on minimal risk and potential for lifesaving information.

Monitors are also categorized as invasive and non-invasive.Invasive monitors penetrate skin or are inserted into a body orifice.Invasive monitors are associated with greater risk of physical injury and discomfort of patient while non-invasive are not. ***(Savino,1995)***