**Medical Task Recorder**

**UA ID** Technology #ua14-057

**Background**

Little is known on how Electric Medical Record (EMR) systems affect the clinical setting. Transition to EMR will come at an unknown cost in terms of lost productivity and work flow. With the government mandating that all physicians switch over to electronic systems, the cost of this shift both in short and long term is unknown.

**Invention**

The goal of the invention is to quantify the affects of switching to an EMR system, especially within orthopaedics. Developed is a methodology to improve work methods that involve identifying relevant tasks, capturing the time it takes to complete those tasks, collecting data and transferring it to a data base, and analyzing data in order to gain insight on workflow improvements. Such information will be invaluable to clinics that are making the transition an EMR, allowing a practice to plan before switching.

**Applications**

- All medical settings (radiology, surgery, general medicine) where physician are making the transition to an Electronic Medical Record System, this includes hospitals and private practices.
- This invention can also be applied in non-medical setting (for example, tellers in a bank, customer service agents at an airport, etc) where analysis of productivity is desired.

**Advantages**

Traditional ways of measuring workflow are inefficient because they lack the ability to account for individual’s ability to multitask. This invention attempts to tackle this problem by creating a novel way of measuring productivity in a clinical setting.
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Stage of Development
Proof of Concept: Partially Demonstrated

Case Number
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