

Healthcare and Efficiency Measurement Toolkit Dr-SIR

Much emphasis is given to the healthcare reforms in order to resolve multifaceted problems faced by healthcare today. These problems range from inefficiency and lack of productivity, management issues such as leadership and good governance, under utilization of resources, resources scarcity, financial irregularities and lack of transparency. The stakeholders in the healthcare do recognize these issues and have adopted different conventional solutions and methods of bringing improvements. These methods vary from more funding to the healthcare systems, leadership and quality control trainings, introducing IT and efforts to bring check and balances etc.

The care is delivered by the healthcare professionals such as nurses, specialists, residents and technicians. What systems are available to gauge their professional competencies and performances? Surprisingly, not much headway has been made in this vital segment of the health care system. Dr-SIR system revolves around the concept of gauging the performances of people who are involved in the delivery of care. We believe that in order to bring better management and improved efficiencies; it is necessary to first measure the work of the medical staff.

The Dr-SIR Approach

With the current financial collapse and a weakening economy, there is no doubt that the healthcare industry faces daunting challenges. Hospital stakeholders have to act quickly to generate resources by saving resources. Tools like Dr-SIR may provide "miracle cure" for the healthcare industry's challenges.

Resource Management

For healthcare stakeholders, it has become imperative to maximize the existing resources while optimizing the quality of care. One of the reasons given for not providing quality services is usually non-availability of funds to sustain the care delivered to patients. This can be translated in to non-availability of staff and machinery.

By adopting the Dr-SIR approach, a healthcare unit can maximize the output by first identifying its true potential or capacity assessment i.e. how many patients the unit should treat without compromising the quality. Once the capacity is assessed, we compare the existing situation and give suggestions in forms of analytical reports. These reports reveal the healthcare unit's inner deficiencies and pinpoint exactly the areas where the improvements are required. By simply changing a team structure can produce more work output.

Leadership and Good Governance

It has been observed that under efficient and good management, the productivity of a healthcare setup improves. Thus, without spending additional money, any

facility can enhance its efficiency which should result in savings worth millions of dollars.

Dr-SIR enhances efficiency in a hospital as it provides a perfect tool-kit with which the financial aspects of all treatment processes are analyzed both on vertical and horizontal planes. Ex. the average number of "Work Units" required for any treatment process and the cost per "Work Unit" generated. Similarly, it provides the facility to assess the optimum staffing pattern required for each department/ specialty depending upon the actual or the estimated work load. As a result, better budgetary utilization is achieved thus helping to improve overall hospital efficiency.

Stakeholders and managers can take better decisions once available with analytical reports revealing the financial, efficiency management and resource planning areas of a healthcare facility.

Monitoring and Evaluation

Dr-SIR can monitor better patient care in all clinical and diagnostic departments through acceptable limits of standard deviations or variance for each module of activity of which there are more than 3,500 in total.

Dr-SIR's capacity to monitor and analyze the effectiveness and efficiency of various departments, units and staff in a hospital setup will result in an increase in work output, decrease in cost per unit and increase in potential and staff satisfaction. This should create a better working environment in the hospital and most importantly assist the physician and the hospital manager to improve his/her decision-making.

One of the major objectives of 'Dr SIR' is to create a unified universality of approach in terms of patient care, while standardizing the level of expertise, treatment time frames, and technology, so as to attain optimization of returns, both in terms of professionals' involved and financial investment.

Transparency

Dr-SIR provides comprehensive performance benchmarks for all categories of medical professional in work units. These benchmarks take into account the acceptable rate of misdiagnosis and quantify an individual professionals' performance in work units and provide a comparative performance analysis against industry benchmarks to separate the lemons from the peaches, vastly improving healthcare management.

Dr-SIR performance evaluation solutions offer timely analysis of performance against standard professional efficiency benchmarks. Healthcare managers can also access performance and financial reports and interactive analysis to help manage costs, increase productivity, and improve quality of healthcare delivery.