







Why include Key Performance Indicators in Radiographers' total performance management ?

- Accountability
 - is the obligation of an individual, team or organization to account for its activities, accept responsibility for them, and to disclose the results in a transparent manner
- Objectivize performance evaluation – in relation to the notion of equity or fairness

Reference: <u>http://www.businessdictionary.com/definition/accountability.html</u>











What defines healthcare quality?

Six Domains of Health Care Quality

Safe: Avoiding harm to patients from the care that is intended to help them.

Effective: Providing services based on scientific knowledge to all who could benefit and refraining from providing services to those not likely to benefit (avoiding underuse and misuse, respectively).

Patient-centered: Providing care that is respectful of and responsive to individual patient preferences, needs, and values and ensuring that patient values guide all clinical decisions.

Timely: Reducing waits and sometimes harmful delays for both those who receive and those who give care.

Efficient: Avoiding waste, including waste of equipment, supplies, ideas, and energy.

Equitable: Providing care that does not vary in quality because of personal characteristics such as gender, ethnicity, geographic location, and socioeconomic status.

Reference: Institute of Medicine (10M). Crossing the Quality Chasm: A New Health System for the 21st Century. Washington, D.C: National Academy Press; 2001.











Evolution of KPIs over 6 years	 6 Key Performance Indicators set based on Institute of Medicine's (IOM) 6 Domains of Quality framework 1. Clinical Competency Checklist 2. Safety: Patient Identification documentation compliance 3. Safety: Hand hygiene 4. Workflow Competency: Unspecified images, PACS reject rates, RIS error rate 5. Portfolio/responsibilities 6. Other contributions Note: KPIs nos. 2-4 were measured by individual compliance rates, compliance rate targets were set. Total workload data was also evaluated. Core Competencies and Leadership Competencies were separate categories 				Today: - Competency Checklist - 11 Key Performance Indicators - Total Workload, Patient centered & Timely indicators - Core and Leadership competencies		
2010 2011	2012	2013	2014	2015	2016		
5 Key Performa Indicators: 1. Clinical Competency Ct 2. Workflow Competency 3. Core Competencies 4. Portfolio/responsibilities 5. Other contributions Note: Grading on a scale of each KPI	5 Key Performance Indicators: 1. Clinical Competency Checklist 2. Workflow Competency 3. Core Competencies 4. Portfolio/responsibilities 5. Other contributions Note: Grading on a scale of 1-5 for each KPI			 9 Key Performance Indicators building on IOM's framework, departmental/hospital/international targets 1. Clinical Competency Checklist 2. Safety: Patient Identification documentation compliance 3. Safety: Hand hygiene compliance 4. Safety: General X-ray Reject Rates 5. Effectiveness: General X-ray & Modality Image Quality Score 6. Modality Indicator: ie. Recall rates (Efficiency), Procedure specific documentation compliance 7. RIS-PACS Workflow Competency: Unspecified images, PACS reject rates, RIS error rate 8. Training Indicator: rontining hours, 9. Training Indicator: continuing education attendance rate Note: KPIs nos. 2-8 were measured by individual compliance rates, compliance rate targets were set. Total workload data was also evaluated. Core Competencies, Leadership Competencies, Compliment:Complaint Ratio, Appointment turn-around-times, were separate categories 			









Quality Improvement achieved through

- Feedback
 - Radiographers' meetings
 - Email
 - Section team meetings
 - Open appraisal
- Quality Improvement Projects
- Review of quality data once a month at Departmental Management Meetings







- a) Hand Hygiene Compliance
- b) 2-Patient Identification Documentation Compliance
- c) **RIS-PACS** error rates
- d) General X-ray Image Reject Rate
- e) Last menstrual Period Documentation Compliance
- f) Patient Compliment to Complaint Ratio















Conclusion Performance measurement and monitoring creates a wave of reflection in action, and enables quantitative measurements for performance tracking and sharing -Tracking of progress towards organizational and professional goals; -Reduces waste from re-work -Meaningful key performance indicators have: - improved the objectivity of radiographers' performance management; - provides tangible goals to strive towards; - improved overall performance of radiographers; and - yielded quality improvement for the department. Objectivity in performance appraisal increases radiographers' satisfaction and provides tangible goals to strive towards.



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