Quality is Not an Accident: 
The Planning for a Safe Journey Through the Healthcare System

Vahé A. Kazandjian, ARALEZ Health LLC, and Johns Hopkins Bloomberg School of Public Health, USA

ABSTRACT

The communication between health care professionals and patients should go beyond the communication about the management of the disease – it should encompass educating patients about the knowledge available to treat the disease, the processes in place to enhance safe, effective and sustained performance. Accountability about the processes and outcomes of the care are expected to both demonstrate the social responsibilities of health care professionals and gauge the expectations of patients, families, and communities. The purpose of this article is to explore the determinants of what patients expect from healthcare and caring: how providers of care use available knowledge (or pseudo-knowledge) to apply their craft, and how information technologies assist in both the application of the available knowledge and the goodness of that application. Special focus is given to the role of physicians as educators rather than exclusively healers of disease and managers of patient complaints.

Keywords: Healthcare Accountability, HIT, Knowledge, Physician Education, Quality Improvement

INTRODUCTION

A culture is perhaps most simply defined as the interaction of what people take for granted. Growing up in countries around the Mediterranean, I learned the importance of knowing what people took for granted. From “destiny will decide if you will have a child” to “big fish eat small fish”, culture was the environment within which we accepted, changed, or celebrated what we had. But the most important lesson I dearly cherish is the conscientious effort I make not to immediately challenge what is believed to be right or wrong, for that is what people take for granted.

This was (and remains) my guiding principle when, like many others, “accidentally” I became involved in the field of quality in healthcare. Accidentally, because in 1982 I was a junior field epidemiologist in an Arab country in the Persian Gulf involved in helping the Ministry of Health build a national healthcare information infrastructure as well as construct primary care centers based on the “reservoir of need”, mainly involving maternal and child care. After establishing a baseline of need, the population distribution helped decide where to locate the centers. After a few months, we looked at utilization patterns in the centers. One center had

DOI: 10.4018/ijrqeh.2012040101
a higher utilization rate than expected, and we decided to find out why. Since I spoke Arabic, I volunteered to interview patients and providers. When I entered the “Women and Children wing” of the center, I saw children running around and playing as if in a playground. Mothers, wearing the traditional Arabic dress, had most of their bodies covered, showing only their eyes, hands and feet. I approached one mother and asked what brought her to the health center. She told me she comes here every day, “mostly for a back pain”, and added that her 4 children always come with her. When I asked if her back pain was getting better, she said “may be, God willing it will be fine.” When I pushed more about the real reason for her visiting the center, she looked at me in surprise and said “but this is the only place in the desert that has cold water fountains and air conditioning!” I realized that we had built community centers not primary care clinics. And that was the “accident” which brought me to quality in health care.

**Purpose**

This article touches on the topics of local expectations about quality, as influenced by the belief sets, i.e., what people take for granted. Within that context, I would like to discuss how education and communication about quality could be best structured and carried out. Finally, the role of information technologies as facilitators for such communication/education will be discussed.

**Doing the Wrong Things Well: How to Challenge Old Assumptions?**

Quality Assurance and later Quality Improvement professionals are trained to identify what has gone wrong. Three aspects to consider:

- Assurance means a promise—that we can assure the service is of good quality;
- Improvement already indicates that things can be done better; and,
- Wrong means that we know what is right.

I would like to look closer to these concepts, as I believe they constitute the template for all education programs.

A. Physicians, and later the health care system, have been the traditional keepers of the medical wisdom. Indeed, before science, it was the wisdom that made a physician a special social person. In this instance, wisdom may be defined as the synthesis the physician is able to make by combining observations from his experience with the available science. Interestingly, “wise” people may be more noticeable when the science is limited but they can do deductive thinking based on observations. In fact, when the deductive thinking was substantiated, it elevated him (later her) beyond the status of a “person”—to that of a mystical creature, often hearing from and responding to higher authorities. As such, the word of a physician was indeed the assurance needed that all wisdom, knowledge, art and skill were applied to treat the disease of the patient. Therefore, quality assurance was a logical qualification of the role of the physician, and later of the health care system itself. People took that for granted, therefore did not challenge.

Quality improvement was a fundamental challenge to the belief that the provider can also assure. The key confounder was the concept of evaluation.

B. Should the provider evaluate his own work? The difficulty here was that medicine, as a true profession (Star, 1982). Did its own evaluation thru “peer review.” Simply put, only a physician was allowed to evaluate another physician’s work, and provide assurance to patients that all was done well. But how does peer review address the question of doing the wrong thing? Especially doing the wrong thing well, e.g., using the appropriate steps of treatment to a miss-diagnosis? Quality improvement challenged that existing order – now non-
Related Content

Developments in Modeling Organizational Issues in Healthcare: Multi Method Modeling
www.igi-global.com/chapter/developments-modeling-organizational-issues-healthcare/36382?camid=4v1a

There is More Wrong with Medical Education than Accreditation: A Commentary on de Leeuw, “The Politics of Medical Curriculum Accreditation: Thoughts, Not Facts?”
www.igi-global.com/article/there-more-wrong-medical-education/64337?camid=4v1a
A Historical Overview of Health Disparities and the Potential of eHealth Solutions
www.igi-global.com/chapter/historical-overview-health-disparities-potential/13000?camid=4v1a

Cardiac Chamber Contour Extraction: Performance Evaluation of an Algorithm and Physicians
www.igi-global.com/chapter/cardiac-chamber-contour-extraction/75634?camid=4v1a