The Road toward Fully Transparent Medical Records


Forty years ago, Shenkin and Warner argued that giving patients their medical records “would lead to more appropriate utilization of physicians and a greater ability of patients to participate in their own care.” At that time, patients in most states could obtain their records only through litigation, but the rules gradually changed, and in 1996 the Health Insurance Portability and Accountability Act entitled virtually all patients to obtain their records on request. Today, we’re on the verge of eliminating such requests by simply providing patients online access. Thanks in part to federal financial incentives, electronic medical records are becoming the rule, accompanied increasingly by password-protected portals that offer patients laboratory, radiology, and pathology results and secure communication with their clinicians by e-mail.

One central component of the records, the notes composed by clinicians, has remained largely hidden from patients. But now OpenNotes, an initiative fueled primarily by the Robert Wood Johnson Foundation, is exploring the effects of providing access to these notes. Beginning in 2010, at Beth Israel Deaconess Medical Center (which serves urban and suburban Boston), Geisinger Health System (in rural Pennsylvania), and Harborview Medical Center (Seattle’s safety-net hospital), more than 100 primary care doctors volunteered to invite 20,000 of their patients to read their notes securely online.

Although only a small minority of these doctors’ patients used the portals, the initial findings were striking. At the end of a year, four of five patients had read the notes, and among those who responded to a survey, large majorities reported having better recall and understanding of their care plans and feeling more in control of their health care. More...
over, two thirds of patients who were taking medications reported improved adherence. Doctors reported little effect on their work lives and were surprised by how few patients appeared troubled by what they read. Although the notes were not formally evaluated, the majority of doctors reported not modifying their tone or content. A minority, however, reported changing the way they addressed four potentially charged topics: cancer, mental health, substance abuse, and obesity. After the first year, 99% of the patients surveyed wanted “open notes” to continue, 85% of the patients indicated that ready access would be important for their future choice of a provider or system, and no doctors chose to discontinue the practice.

Despite limitations in the sample, the findings persuaded our three institutions to implement open notes broadly. Leading health care organizations, including M.D. Anderson Cancer Center, Mayo Clinic, and the Veterans Health Administration, are doing so also, many others are in the planning stages, and clinicians are experimenting within their practices.5

Early adopters are learning that implementation means more than simply mailing notes or visit summaries or having patients log on to a portal. For starters, the knowledge that patients (and often their families) will have access to records affects the intent and sometimes the content of clinical documentation. Writing accurately about a suspicion of cancer, for instance, can be difficult for clinicians who don’t want to worry patients unnecessarily, and addressing character disorders or cognitive dysfunction in ways that are useful to patients, consulting providers, and others who use the records requires carefully considered words. These challenges are compounded by today’s electronic records, in which the story weaving together social, familial, cultural, and medical contributors to the patient’s health and illness often disappears, obscured by templates. A boon to billers, quality assessors, and researchers, such records can become formulaic and susceptible to data-entry errors. Moreover, they’re often filled with copied-and-pasted information that buries the essential narrative under voluminous repetitive text.

As open notes spread at our institutions, clinicians are expressing widely varied preferences. Some want the option to hide notes, or portions of notes, from patients or families, and some want ways to communicate with colleagues privately. Some worry that “watered-down” notes will obscure important medical details, and mental health professionals appear to be divided about the effects of sharing their notes with patients. Overall, our experience suggests that doctors initially feel safest when they can choose what patients can see, but as they evaluate feedback from patients and colleagues and learn to discuss choices with their patients, their preconceived limits tend to fade away. Ideally, both patients and providers should be able to set preferences about sharing information, but current health information systems can’t handle such nuance.

As patients become familiar with medical records and clinical notes, they consider new opportunities and risks. Some say they have become more careful about what information they share with clinicians, and some ask for more control over access to their information. Providers are experimenting with strategies that help patients protect their privacy with regard to mental health, sexual function, suspected abuse, or other sensitive topics. And though family caregivers may find that reading notes improves their understanding of care plans and reduces stress, it’s a complex task to establish separate proxy access based on patients’ preferences about who gets to see what.

As transparent practice evolves, it’s impossible to predict how much patients may stray from long-standing conventions. Portals afford patients secure access to their information, and doctor–patient confidentiality remains undisturbed. But patients’ attitudes toward privacy may change as online access allows them to share documents, including notes. A third of patients in the OpenNotes study expressed concern about privacy, but more than one in five shared a note with others who could clarify meanings, offer clinical insights or second opinions, or — for those participating in the patient’s care — improve their own knowledge. Indeed, some patients may choose to post their providers’ progress notes on Facebook, Twitter, medical forums, and other social media, potentially exposing clinicians to public scrutiny and crowd-fueled praise or criticism.

Among the institutional adopters we’ve encountered, most have opened access to notes written primarily by ambulatory care doctors. We expect that patients and families will find other notes useful, too, including those from nurse practitioners, physician assistants, case managers, social workers, pharmacists, rehabilita-
Doctors and the Dangers of Driving

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In 1925, the editors of the Journal warned that new technologies had introduced new causes of death and disability that had been “absent from life under a more primitive state of affairs” (1925b; see box for cited Journal articles). What prompted their concern? The automobile. Doctors recognized the enjoyment that cars provided — and the efficiencies they offered doctors who made house calls. But doctors also recognized driving’s dire consequences. The editors wrote that “the automobile toll of the streets is appalling.” Nearly 30% of the deaths were of children — “a massacre of the innocent.” Doctors have now worked for more than a century to characterize the dangers of driving. The Special Article this week by Klauer et al. (see pages 54–59) is the latest in a long series of warnings. Doctors have remained ambivalent, however, about taking aggressive action to combat the epidemic.

 Automobile accidents claimed their first U.S. victim in 1899. Mortality rose steeply in the early 20th century. By 1912, the New

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Related article, p. 54