Robert Ashforth and Shabbir Alibhai have underlined some of the difficulties inherent in creating a list of technologies using a computerized reviewer database and email. First, my initial survey was limited to those reviewers with accurate email addresses in the database. Second, CMAJ's reviewer database includes only a small fraction of Canada's specialists, and certain specialties are clearly underrepresented. For example, of reviewers with email addresses in the database, there are 64 specialists in hematolgy-oncology, 14 in gastroenterology and only 13 representing radiology and nuclear medicine combined.

Furthermore, with space limitations in the journal, the challenge was to keep the list as complete as possible without being repetitive. Thus, specialties dealing with similar disease processes were combined under 1 heading. Although inhaled nitric oxide for hypoxemic respiratory failure was listed as a critical-care technology, it could just as easily have been described as a technology “belonging” to respirology. Similarly, telemedicine, a technology with important applications in many medical fields, was listed under the heading cardiology and cardiac surgery simply because several cardiologists cited telemedicine as a key development.

In this vein, my choice not to include diagnostic imaging as a heading was certainly not an attempt to attribute radiologic technologies and skills to other specialists, but was rather an effort to show the wide-ranging applications of imaging technologies in virtually all areas of the body and of medicine. As I emphasized in my editorial, new imaging techniques have changed the way we see disease, and technological advances in radiology have had an impact well beyond the bounds of a single specialty.

The list is by no means comprehensive. It was meant to give readers a sense of the directions technology has taken, to be a springboard for more detailed descriptions and to serve as an invitation to specialists, like Ashforth and Alibhai, to tell us more about what they do.

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A new register for clinical trial information

I applaud David Hailey for recognizing that “Schering Health Care and Glaxo Wellcome have taken important steps in making information available about ongoing trials in which they are involved.”

Having recognized the need for global access to information, Glaxo Wellcome recently introduced a clinical trials register to ensure that as much information as possible is available to researchers and clinicians. The goal is to facilitate systematic review of late-stage clinical data and, ultimately, to improve patient care.

Researchers already have access to much clinical trial information because the submission of clinical trial reports to peer-reviewed journals has long been established as a means of subjecting data to the rigorous scrutiny of the medical community. However, not all data generated through the drug-development process are published, meaning that an unpublished pool of potentially valuable data exists.

Medical researchers and other health care professionals can access the clinical trials register through a password-protected area of the Glaxo Wellcome external R&D Web site (www.glaxowellcome.ca). The site allows users to access our study protocols and unpublished late-stage clinical trial data when reviewing information on specific medications. The register will also make researchers aware of research in progress, thereby avoiding duplication of effort.

In addition to establishing and maintaining the register, we remain committed to publishing clinical trials in peer-reviewed journals. Each trial in the register will be assigned a unique identifier, which researchers can use to link each publication back to the original trial. Because a single trial may generate several publications, the unique identifier will help people reviewing the literature to identify specific trials and avoid duplication of trial data.

Because access to information about specific medications can improve patient care, Glaxo Wellcome has taken the lead in developing this clinical trials register for the use of medical researchers and clinicians. We encourage the rest of the research-based pharmaceutical industry to join us.

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Reference

Migrants from China

I was upset to read the article “BC’s Chinese migrants a healthy lot, MDs find.” The article stated that 34% of the passengers on the fourth boat had chronic hepatitis B, which means that these passengers are infective. If over one-third of them have a disease that, if transmitted, is life threatening, how can we call them a healthy lot? I find this outrageous. Even the outcome of the disease to the migrant and the cost to our medical system leave me wondering why our government allows this to continue.

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