

they have the potential to contribute substantially to the capacity of health systems to provide comprehensive primary care services.

Even in the aftermath of the global financial crisis, global health initiatives continue to draw significant funding. In 2009, for example, U.S. President Barack Obama announced increasing development assistance from the United States for global health, earmarking \$63 billion over the period 2009–2014 for a Global Health Initiative. New funding is also promised through a range of other initiatives focusing particularly on maternal and child health in low-income countries. The general trend is to coordinate this funding in order to reduce fragmentation of national health systems and to concentrate more on strengthening these systems. Comprehensive primary care in low-income countries must inevitably deal with the rapid emergence of chronic diseases and the growing prominence of injury-related health problems; thus, international health development assistance must become more responsive to these needs.

Beyond the new streams of funding for health services, other opportunities exist. Increased social participation in health systems can help build primary care services. In many countries, political pressure from community advocates for more holistic and accountable care as well as entrepreneurial initiatives to scale up community-based services through NGOs have accelerated progress in primary care without major increases in funding. Participation of the population in the provision of health care services and in relevant decision-making often drives services to cater to people's needs as a whole rather than to narrow public health priorities.

Participation and innovation can help address critical issues related to the health workforce in low- and middle-income countries by establishing effective people-centered primary care services. Many primary care services do not need to be delivered by a physician or a nurse. Multidisciplinary teams can include paid community workers who have access to a physician if necessary but who can provide a range of health services on their own. In Ethiopia, more than 30,000 community health workers have been trained and deployed to improve access to primary care services, and there is increasing evidence that this measure is contributing to better health outcomes. In India, more than 600,000 community health advocates have been recruited as part of expanded rural primary care services. In Niger, the deployment of community health workers to deliver essential child health interventions (as a component of integrated community case management) has had impressive results in reducing childhood mortality and decreasing disparities. After the Declaration of Alma Ata, experiences with community health workers were mixed, with particular problems about levels of training and lack of payment. Current endeavors are not immune from these concerns. However, with access to physician support and the deployment of teams, some of these concerns may be addressed. Growing evidence from many countries indicates that shifting appropriate tasks to primary care workers who have had shorter,

less expensive training than physicians will be essential to address the human resources crisis.

Finally, recent improvements in information and communication technologies, particularly mobile phone and Internet systems, have created the potential for systematic implementation of e-health, telemedicine, and improved health data initiatives in low- and middle-income countries. These developments raise the tantalizing possibility that health systems in these countries, which have long lagged behind those in high-income countries but are less encumbered by legacy systems that have proved hard to modernize in many settings, could leapfrog their wealthier counterparts in exploiting these technologies. Although the challenges posed by poor or absent infrastructure and investment in many low- and middle-income countries cannot be underestimated and will need to be addressed to make this possibility a reality, the rapid rollout of mobile networks and their use for health and other social services in many low-income countries where access to fixed telephone lines was previously very limited offer great promise in building primary care services in low- and middle-income countries.

CONCLUSION

As concern continues to mount about glaring inequities in global health, there is a growing commitment to redress these egregious shortfalls, as exemplified by global mobilization around the United Nations' Millennium Development Goals and the early discussions on what targets should build on these goals in the post-2015 era. This commitment begins first and foremost with a clear vision of the fundamental importance of health in all countries, regardless of income. The values of health and health equity are shared across all borders, and primary health care provides a framework for their effective translation across all contexts.

The translation of these fundamental values has its roots in four types of reforms that reflect the distinct but interlinked challenges of (re)orienting a society's resources on the basis of its citizens' health needs: (1) organizing health care services around the needs of people and communities; (2) harnessing services and sectors beyond health care to promote and protect health more effectively; (3) establishing sustainable and equitable financing mechanisms for universal coverage; and (4) investing in effective leadership of the whole of society. This common primary health care agenda highlights the striking similarity, despite enormous differences in context, in the nature and direction of the reforms that national health systems must undertake to promote greater equity in health. This shared agenda is complemented by the growing reality of global health interconnectedness due, for example, to shared microbial threats, bridging of ethnolinguistic diversity, flows in migrant health workers, and mobilization of global funds to support the neediest populations. Embracing solidarity in global health while strengthening health systems through a primary health care approach is fundamental to sustained progress in global health.