Policy Forum

Recent Shifts in Global Governance: Implications for the Response to Non-communicable Diseases

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Introduction

As the 2010 Global Burden of Disease study confirmed, non-communicable diseases (NCDs) (primarily cardiovascular disease, cancer, chronic respiratory disease, and diabetes) are now the major cause of death and disability across the world [1]. In 1990, 47% of disability-adjusted life years worldwide were attributable to communicable, maternal, neonatal, and nutritional deficits, 43% to NCDs, and 10% to injuries. By 2010, this had shifted to 35%, 54%, and 11%, respectively. Over 80% of NCD-related deaths occur in low- and middle-income countries, with lower socio-economic groups the worst affected in terms of morbidity, mortality, and loss of economic potential [2]. These figures do not account for the health and economic burdens of the wide range and prevalence of mental health conditions, which are seen by many as leading NCDs.

The increasing importance of NCDs has several implications for development. First, unlike most acute infectious diseases, the often chronic and debilitating course of NCDs impedes social and economic development, deepening inequalities, and initiates a cycle of disability and health costs-related poverty [3,4]. Second, as most NCDs share common major risk factors and present similar challenges for clinical management, an integrated response is required, avoiding the health care “silos” that have arisen as a consequence of the narrow focus on HIV, malaria, and tuberculosis (TB) by international donors: well-funded projects that address remaining gaps in meeting the complex political and economic governance challenges of the post-2015 landscape. Will the new sustainable development goals (SDGs) be able to respond effectively to the rising tide of NCDs? In this paper we examine three major trends in global governance and their implications for post-2015 progress relating to NCDs.

Trend 1: Rise of the Emerging Economies

As we move into the second decade of the 21st century, global power is shifting yet again, two decades after the changes that followed the collapse of the USSR. The power of a few rich countries (notably the USA, United Kingdom, Germany, and France) to shape the global agenda is being challenged by the growing economic power, of what have been termed the BRICS countries (Brazil, Russia, India, China, and South Africa) and the so-called CIVETS (Colombia, Indonesia, Vietnam, Egypt, and Turkey).

What does this mean for NCDs? On the one hand, NCDs are rising on the agendas of established international bodies. In 2011 the United Nations held a High Level Meeting on NCDs, only the second time that it had elevated health to this level [9]. The first such meeting was on HIV/AIDS, following which the G8 took up the torch, creating new institutions such as the Global Fund to Fight AIDS, Tuberculosis and Malaria, and prioritizing certain issues such as universal access to anti-retrovirals. Yet it is not clear whether the High Level Meeting on NCDs, which was driven by a group of small countries, many in the Caribbean, will lead to similarly sustained action. Moreover, the G8 have not considered global health in either their 2011 or 2012 agendas [10] although the 2010 G8 meeting did result in the Muskoka Accord for maternal health. To the extent that health will feature on the G8’s 2013 agenda, it is likely to be in the

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Three major trends in global governance—the rise of emerging economies, the increase in multi-bi financing, and institutional proliferation—have implications for whether NCDs will be included in the post-2015 Sustainable Development Goals (SDGs) agenda. While emerging economies are influential in global governance, it is not clear that the interests of poorer countries—or even health—will be advanced. If NCDs are included in the new health goals, it likely will be via the broad umbrella of healthy life expectancy (HLE), or the sector-specific target of universal health coverage (UHC) or access. UHC or HLE as currently conceived are unlikely to adequately incorporate NCDs that require alternative health system mechanisms and clear governmental intervention.

Summary Points

- Despite evidence of links between non-communicable diseases (NCDs) and development, these diseases and their risk factors were not included in the Millennium Development Goals (MDGs).
- Three major trends in global governance—the rise of emerging economies, the increase in multi-bi financing, and institutional proliferation—have implications for whether NCDs will be included in the post-2015 Sustainable Development Goals (SDGs) agenda.
- While emerging economies are influential in global governance, it is not clear that the interests of poorer countries—or even health—will be advanced.
- If NCDs are included in the new health goals, it likely will be via the broad umbrella of healthy life expectancy (HLE), or the sector-specific target of universal health coverage (UHC) or access.
- UHC or HLE as currently conceived are unlikely to adequately incorporate NCDs that require alternative health system mechanisms and clear governmental intervention.

context of liberalization of trade in health services. Although the locus of global decision-making is considered to be shifting from the G8 to the G20, it is not clear that the latter body is willing to assume even the limited interest in global health governance seen with the G8 [11], despite hopes from the health community that it would do so [12]. Moreover, it is not apparent from their previous engagement in global health debates that newer G20 states have a major interest in NCDs. Thus, having more emerging economies at the table does not necessarily mean clearer articulation of an effective NCD response.

Health has also been largely absent from the agendas of the BRICS countries, now forming a semi-official grouping. While they are increasingly influential in finance and trade, they have had only limited influence thus far in global health. The fact that the relatively economically stable BRICS have not stepped up their commitments to the Global Fund, the GAVI Alliance, or WHO has raised questions about their commitment to global health leadership in the long term (Table 1) [13–19]. Domestically, Russia and to a lesser extent China, are the only two BRICS countries as of yet to address NCDs in a substantive manner.

There is some evidence of global health achieving a higher priority elsewhere, exemplified by the Foreign Policy and Global Health Initiative, which draws its leadership largely from the South and consists of five Southern (Brazil, Indonesia, Mexico, Senegal, and Thailand) and two Northern (France and Norway) countries. Yet, with the exception of the Caribbean Community (CARICOM) [20], it is uncertain whether the rise of newly emerging economies will mean global engagement with NCDs.

In summary, although emerging economies are clearly influential in global governance, there is little evidence of commitment to the NCD agenda, and it does not follow that they will advance the interests of poorer countries—or even health. To the extent that these countries do engage in health, it has been issue-specific, such as on access to essential medicines, technological cooperation, or on Trade-Related Aspects of Intellectual Property Rights (TRIPs)—all areas where health is incidental to trade concerns. Furthermore, global health engagement by emerging powers is often driven by regional concerns, which explains the re-invigoration and creation of regional bodies in health, particularly in Latin America. In this changing environment there is a danger of health slipping off the agenda of the traditional economic and political powers but not being taken up by the emerging ones.

Trend 2: Rise (and Fall) of Multi-bi Financing

Over the past decade, most of the growth in multilateral funding has been through the channel of “multi-bi aid” [21]. This refers to the practice of donors choosing to route non-core funding, earmarked for specific sectors, themes, countries, or regions, through multilateral agencies. At first glance the funding looks multilateral, but upon closer inspection, it is essentially bilateral. Examples of multi-bi aid include voluntary contributions within the WHO, trust funds within World Bank, the Global Fund, and the GAVI Alliance. Since 2002, global health donors have increasingly prioritized multi-bi aid at the expense of more traditional forms of multilateral aid as a proportion of all development assistance for health [22]. Multi-bi aid increased as a proportion of all aid at a rate of approximately 1.5–2.0 percentage points per year over this time period [22].

The rise of multi-bi aid has three implications for the NCD agenda. First, an analysis of the WHO’s expenditures shows a significant misalignment with the burden of disease, both globally and at regional levels, with the additional voluntary resources least well aligned [23]. In 2008–2009 of the WHO’s regular budget, 25% of funds were allocated to infectious disease, 8% for NCDs, and roughly 4.7% for injuries, which when compared with the global distribution of DALYs noted

Table 1. BRIC financial contribution to key global health institutions and amount received from Global Fund and GAVI [14–19].

<table>
<thead>
<tr>
<th>Country</th>
<th>Global Fund Contributions (Cumulative to End 2012, $US Millions)</th>
<th>Global Fund Amount Received (Cumulative to Date, $US Millions)</th>
<th>GAVI Contributions (Cumulative to 2012, $US Millions)</th>
<th>GAVI Amount Received (Cumulative to 2012, $US Millions)</th>
<th>WHO Core Contributions (2012, $US Millions)</th>
<th>WHO Extrabudgetary Contributions ($US Millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brazil</td>
<td>0.0</td>
<td>39.1</td>
<td>0.0</td>
<td>0.0</td>
<td>7.5</td>
<td>0.03</td>
</tr>
<tr>
<td>Russia</td>
<td>297.0</td>
<td>372.0</td>
<td>24.0</td>
<td>0.0</td>
<td>7.4</td>
<td>6.1</td>
</tr>
<tr>
<td>India</td>
<td>10.0</td>
<td>1,019.9</td>
<td>0.0</td>
<td>94.0</td>
<td>2.5</td>
<td>0.015</td>
</tr>
<tr>
<td>China</td>
<td>25.0</td>
<td>763.3</td>
<td>0.0</td>
<td>38.7</td>
<td>14.8</td>
<td>0.4</td>
</tr>
<tr>
<td>S. Africa</td>
<td>10.3</td>
<td>350.6</td>
<td>6.0</td>
<td>0.0</td>
<td>1.8</td>
<td>0.0</td>
</tr>
</tbody>
</table>

Table 1. BRIC financial contribution to key global health institutions and amount received from Global Fund and GAVI [14–19].

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The NCD epidemic. According to the Institute for Health Metrics and Evaluation, only US$185 million of the US$28.2 billion spent globally on development assistance for health in 2010 was dedicated to NCDs [29]. Donors spent US$300 for each year lost to disability from HIV/AIDS, US$200 for malaria, and US$100 for TB, but less than US$1 for NCDs. Nearly half of the development assistance for NCDs in 2010 derived from a single source: the Bloomberg Family Foundation [30].

Second, the drivers of NCDs are intricately connected with the policies of non-health sectors [30]. Multi-sector participation has already begun on health issues at the state-level through inter-ministerial working groups focused on global health, the reduction of health inequities, and HIV/AIDS prevention in Australia, Canada, India, Norway, Sweden, Switzerland, Thailand, Uganda, United Kingdom, and United States [31–33]. Institutional incentive structures to engage other sectors in negotiations about health are crucial to raising the profile of health-related priorities in other policy communities at the all levels of governance. However, the WHO and other global health agencies presently lack the resources and mechanisms to meaningfully participate in policy issues like trade, agriculture, security, and climate change [29].

**Post-2015: Universal Health Coverage and Healthy Life Expectancy**

If NCDs are to be included in the new health goals, it seems most likely to be through the sector-specific target of universal health coverage (UHC) or access or the broad umbrella of healthy life expectancy. UHC has received particular prominence recently (Box 1). In January 2012, the Bangkok Statement on UHC committed to “raise universal health coverage on the national, regional and global agendas, and to advocate the importance of integrating it into forthcoming United Nations and other high-level meetings related to health or social development” [34]. In April 2012 the Mexico City Political Declaration on UHC emphasized universal coverage as “an essential component of sustainable development” and its inclusion “an important element in the international development agenda” [35]. In June 2012 the Rio+20 resolution explicitly recognized UHC, seeking “to strengthen health systems towards the provision of equitable universal coverage” [36]. Later in 2012, a WHO Discussion Paper on the Post 2015 health agenda, identified UHC as a “way of bringing all programmatic interests under an inclusive umbrella” [37]. On 12 December 2012 UHC received unequivocal endorsement from the UN General Assembly (including the United States) in approving a resolution on UHC, confirming the “intrinsic role of health in achieving international sustainable development goals” [38].

As the above developments indicate, the post-2015 health discussions have been centered on UHC and its link to WHO’s revitalization of Primary Health Care. In our opinion, this enthusiasm has been tempered by confusion as to what UHC actually is, as well as the fear of failure from previous attempts such as “Health for All.” For example, in 2005 the World Health Assembly officially defined the achievement of UHC as “access to key promotive, preventive, curative and rehabilitative health interventions for all at an affordable cost, thereby achieving equity in access” [39]. Yet, elsewhere, UHC has been construed as national service delivery, national service coverage, financial protection, and national health insurance and related reforms. We believe that it is unclear what health services UHC covers (e.g., whether it fully covers public health services such as sanitation, vector abatement, and tobacco control), and questions arise over whether UHC includes only services within a state’s health sector or services and interventions outside the health sector [40,41].

If UHC is to become a new development goal, we argue that baselines for achievement of UHC must be agreed and developed in post-MDG negotiations and adapted to country circumstance, fiscal realities, and community priority. Currently it is not clear that policy-makers have considered how to integrate the response to NCDs with the scaling up of basic care through strengthening primary health care. For example, the USSR was successful in scaling up measures against infectious diseases, but failed to tackle the key drivers of NCDs [42]. Most importantly, we feel that UHC will have limited impact on the rising tide of NCDs without targets and funding to reduce risk factors—requiring a prevention, public health, and “all of society” approach.

Recent discussions in Botswana highlighted a move towards the broad umbrella of healthy life expectancy (HLE), or “maximizing healthy lives,” measured as “reducing healthy years of life lost” [43]. But will HLE result in a better response to
NCDs? Civil society organizations have started to champion HLE as the best vehicle to address the social determinants of health, thus creating space to address the root causes of the NCD crisis. On the other hand, HLE could also be used to push for individual responsibility for health and reframing unhealthy behaviors as personal choices, ignoring the circumstances within which those choices are made. HLE also makes it harder to tie health outcomes to state or institutional responsibility. Thus, could NCDs be addressed in such health goals? At face value, yes. But it is not clear in our view whether UHC or HLE as currently conceived will adequately incorporate the prevention and treatment of NCDs, which require alternative health system mechanisms and clear responsibility placed on the state for ensuring a healthy environment.

**Conclusion**

In the post-2015 debate, almost no attention has been given to the global governance structures necessary to support the attainment of the new goals. It is generally agreed that we need 21st-century innovative structures that go beyond the WHO “command and control” model, but little detail is given on institutional responsibility, monitoring, and evaluation.

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**Box 1. Political History of UHC.**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1975</td>
<td>Health for All. (WHO)</td>
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<tr>
<td>1978</td>
<td>Declaration of Primary Health Care, Alma Ata. (WHO/UNICEF)</td>
</tr>
<tr>
<td>1987</td>
<td>Bamako Initiative on Health Financing. (UNICEF/WHO)</td>
</tr>
<tr>
<td>2000</td>
<td>UN Millennium Declaration</td>
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<tr>
<td>2001</td>
<td>Adoption of Millennium Development Goals</td>
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<td>2002</td>
<td>Commission on Macro-Economics and Health. (WHO)</td>
</tr>
<tr>
<td>2005</td>
<td>Paris Declaration on Aid Effectiveness. (OECD-DAC)</td>
</tr>
<tr>
<td>2005</td>
<td>GAVI Alliance Health Systems Funding Window. (GAVI)</td>
</tr>
<tr>
<td>2006</td>
<td>Global Fund to fight AIDS, TB and Malaria Health Systems Funding Window. (Global Fund)</td>
</tr>
<tr>
<td>2007</td>
<td>International Health Partnerships Plus (IHP+)</td>
</tr>
<tr>
<td>2007</td>
<td>Inaugural meeting of H8 (Health 8)</td>
</tr>
<tr>
<td>2008</td>
<td>G8 Commitment to strengthening Health Systems, Toyako.</td>
</tr>
<tr>
<td>2009</td>
<td>High Level Taskforce on Innovative Financing for Health Systems</td>
</tr>
<tr>
<td>2009</td>
<td>Health Systems Funding Platform. (Global Fund/GAVI/World Bank/WHO)</td>
</tr>
<tr>
<td>2010</td>
<td>1st Global Symposium on Health Systems Research, Montreux.</td>
</tr>
<tr>
<td>2011</td>
<td>Universal Health Coverage, WHO General Assembly</td>
</tr>
<tr>
<td>2012</td>
<td>Bangkok Statement on Universal Health Coverage, Prince Mahidol Award Conference</td>
</tr>
<tr>
<td>2012</td>
<td>Mexico International Forum on Universal Health Coverage. (WHO)</td>
</tr>
<tr>
<td>2012</td>
<td>2nd Global Symposium on Health Systems Research, Beijing.</td>
</tr>
<tr>
<td>2012</td>
<td>UN General Assembly: Universal Health Coverage declared a UN global goal.</td>
</tr>
</tbody>
</table>
and accountability [44]. For NCDs in particular, the global response requires more than new funding or financing mechanisms. It requires global regulation of the key vectors of the epidemic, as well as linkages between health and the other areas discussed as part of the SDGs agenda such as agriculture and food security, environment, trade, urban development, energy policies, education, poverty alleviation, and gender equity. This necessity points to both the key role of the WHO as well as the inherent limitation in making the agency the focal point for the response. The WHO is the only global health body with the power to create international law, and given its success in legislating against tobacco (The Framework Convention on Tobacco Control), similar “hard law” mechanisms for other main drivers of the NCD epidemic such as alcohol and processed food are certainly feasible [45]. At the same time, for multisectoral convergence to become a reality, various agencies of the UN must act in concert to catalyze, support, and monitor such collaboration [9].

While the epidemiological evidence is clear on the rising burden of NCDs across geographic boundaries, the current post-2015 discussions and larger global governance trends create challenges to addressing this burden effectively. These political and economic influences need to be considered carefully if NCDs are not to be left behind again.

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Author Contributions

Wrote the first draft of the manuscript: DS. Contributed to the writing of the manuscript: DS CEB SD JE LOG PH MM. ICMJE criteria for authorship read and met: DS CEB SD JE LOG PH MM. ICMJE criteria for authorship read and met: DS CEB SD JE LOG PH MM.

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