Universal coverage of health services: tailoring its implementation

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Abstract In 2005, the Member States of WHO adopted a resolution encouraging countries to develop health financing systems capable of achieving and/or maintaining universal coverage of health services – where all people have access to needed health services without the risk of severe financial consequences. In doing this, a major challenge for many countries will be to move away from out-of-pocket payments, which are often used as an important source of fund collection. Prepayment methods will need to be developed or expanded but, in addition to questions of revenue collection, specific attention will also have to be paid to pooling funds to spread risks and to enable their efficient and equitable use. Developing prepayment mechanisms may take time, depending on countries’ economic, social and political contexts. Specific rules for health financing policy will need to be developed and implementing organizations will need to be tailored to the level that countries can support and sustain. In this paper we propose a comprehensive framework focusing on health financing rules and organizations that can be used to support countries in developing their health financing systems in the search for universal coverage.

Introduction

Out-of-pocket payments create financial barriers that prevent millions of people each year from seeking and receiving needed health services. In addition, many of those who do seek and pay for health services are confronted with financial catastrophe and impoverishment. People who do not use health services at all, or who suffer financial catastrophe are the extreme. Many others might forego only some services, or suffer less severe financial consequences imposed by user charges, but people everywhere, at all income levels, seek protection from the financial risks associated with ill health.

A question facing all countries is how their health financing systems can achieve or maintain universal coverage of health services. Recognizing this, in 2005 the Member States of WHO adopted a resolution encouraging countries to develop health financing systems aimed at providing universal coverage. This was defined as securing financial risk protection: the extent of population coverage (e.g. who is covered) and the extent of health service coverage (e.g. what is covered).

In some countries it will take many years to achieve universal coverage according to the above-mentioned dimensions. This paper addresses a number of key questions that countries will need to address and considers how the responses can be tailored to the specific country context. In addition, it highlights the critical need to pay attention to the role of institutional arrangements and organizations in implementing universal coverage.

Shifting to prepayment

A first important observation is that many of the world’s 1.3 billion people on very low incomes still do not have access to effective and affordable drugs, surgeries and other interventions because of weaknesses in the health financing system.

We investigated 116 recent household expenditure surveys from 89 countries, which allowed calculations of the consequences of paying for health services by those who do use them. Up to 13% of households face financial catastrophe in any given year because of the charges associated with using health services and up to 6% are pushed below the poverty line. Extrapolating the results globally suggests that around 44 million households suffer severe financial hardship and 25 million are pushed into poverty each year simply because they need to use, and pay for, health services. Household are considered to suffer financial catastrophe if they spend more than 40% of their disposable income – the income remaining after meeting basic food expenditure – on health services. They are often forced to reduce expenditure on other essential items such as housing, clothing and the education of children to pay for health services. Households are considered impoverished if health expenses push them below the poverty line.

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Inability to access health services, catastrophic expenditure and impoverishment are strongly associated with the extent to which countries rely on out-of-pocket payments as a means of financing their health systems. These payments generally take the form of fees for services (levied by public and/or private sector providers), co-payments where insurance does not cover the full cost of care, or direct expenditure for self-treatment often for pharmaceuticals. A major challenge, therefore, to the achievement of universal coverage is finding ways to move away from out-of-pocket payments towards some form of prepayment. Solutions are complex, and countries’ economic, social and political contexts differ, moderating the nature and speed of development of prepayment mechanisms.

**Policy norms in health financing**

Health financing policy, however, cannot afford to focus just on how to raise revenues. It requires concomitant attention to be focused on three health financing functions and related specific policy norms:  

1. Revenue collection, whereby financial contributions should be collected in sufficient quantities, equitably and efficiently;  
2. Pooling of contributions so that costs of accessing health services are shared and not met only by individuals at the time they fall ill, thus ensuring financial accessibility; and  
3. Purchasing and/or provision, with contributions being used to purchase or to provide appropriate and effective health interventions in the most efficient and equitable way. Efficiency includes considering the type of services to fund and who should provide them. In addition, and also anticipating the need for cost-containment measures, the identification of an appropriate mix of provider payment methods is warranted.

Active consideration of the policy norms discussed above should steer the development of a universal coverage policy. Some form of legislation or regulation is generally needed to consolidate these norms. For example, revenue collection legislation will usually specify the funds to be raised from taxes or from health insurance contributions, if any vulnerable population groups are exempt and whether contributions vary by income. In pooling, norms establishing the extent of solidarity are described showing who can benefit from the pooled funds and when. The definition of a detailed health services benefit package may be a response to the norm defined for purchasing, while ways of paying providers will usually require some form of legal agreement.

**Key questions**

**Do political will and stewardship exist?**

Before a reform towards universal coverage can be initiated, governments need to have the political will and the capacity to exercise good stewardship. Most will also need to consider the extent of diverse preferences within their society. An important case of stewardship is from the Republic of Korea, where it has been suggested that universal coverage implementation benefited from the strong leadership of President Park Jung-Hee in 1977. Thailand is an example of political stewardship that was helped by population support. A network of civic groups pushed for the introduction of a universal coverage policy. After the elections of January 2001, a policy was introduced that rapidly ensured coverage of the entire population, although this was but the last step of a process that had begun in 1975 with the establishment of free health services for low-income people. Some sub-Saharan African countries are also moving towards universal coverage including Zambia whose president declared the abolition of user fees in rural health facilities in April 2006. Prepayment of health services is being enhanced there due to an increase in government funding supported by external donors. Other countries use an alternative path. For example, Ghana has passed a health insurance law and Lesotho has explored the feasibility of social health insurance reform. Kenya’s National Hospital Insurance Fund has been examining ways of extending coverage to the informal sector, requiring strong political will and stewardship.

**Tax-based or social health insurance?**

Often the initial discussions revolve around these two broad choices that, in fact, have a number of common features. Prepayments are compulsory and are generally set according to income. All people make payments (through taxes or through contributions) whether they are sick or not, although people on very low incomes or other vulnerable groups might be exempt. People of low risk are not allowed to opt out although they might be able to take out insurance coverage for services that are not included in the tax or social health
insurance funded packages. All people who are sick can draw from the pooled funds, thereby spreading the financial risks of ill health.

In both types of systems, there are substantial differences across countries in the institutional and organizational arrangements used to ensure funds are raised, pooled and used to purchase or provide services. It is the combination of institutional arrangements and legislation relating to revenue collection, pooling and purchasing/provision that determine how equitable and efficient a system is, rather than the name that is used to describe it. In fact, we have been unable to find evidence that implementation of universal coverage either via tax-based funding or social health insurance is more important to the final outcome.7,20

How can we pay?

At the outset, it is important to note that many of the low-income countries in the world are unlikely to be able to finance universal coverage from domestic sources in the short to medium term. In 2003, 48 of 59 low-income countries spent less than US$ 30 per capita on health. This includes the expenditure derived from external assistance. In 12 of these countries, total health expenditure was less than US$ 10 per capita. Even a very basic set of services for prevention and treatment would cost in excess of US$ 34 per year using year 2000 prices.21

In most countries with low levels of spending, the bulk of government health expenditure is derived from taxes of various types. Tax-financed domestic financing would have to remain prominent, even if they chose to develop a universal health insurance scheme. In the feasibility analysis of social health insurance in Kenya and Lesotho, for example, maintaining government subsidies was seen as imperative, given that contributions from the formal sector were not able to fully cross-subsidize the informal sector and the poor.18,22 External donor funding will also be needed to supplement the resources that can be raised domestically. Indeed, if universal coverage is to be achieved, there still needs to be substantial increases in external funding, with improved predictability.

How long will reform take?

International evidence shows that most reforms towards universal coverage have been gradual. Social health insurance
systems, for example, usually start by covering formal sector employees and slowly expand to other population groups—often starting with dependents of the employees. In most European countries that have achieved universal coverage, the transition took place over many decades, often taking more than 50 years. More recently, in Costa Rica, the Republic of Korea and Thailand, reform took between 20 and 30 years.

During the transition process, population coverage often remains incomplete and sometimes may even become more unequal, with the poorest groups the least likely to be protected and often the last to benefit from extended coverage. It is here that existing community, cooperative and enterprise-based health insurance, as well as other forms of private health insurance, might have a role to play, protecting as many people as possible. Such forms of protection will co-exist with compulsory health insurance, might have a role to play, protecting as many people as possible. Such forms of protection will co-exist with compulsory health insurance, might have a role to play, protecting as many people as possible. This imposes costs associated with the government. Need to be monitored and guided, a task that falls naturally on the government. Efficiency and equity in purchasing/provision

Factors to consider

Countries at various stages of economic development and in different social and political contexts have diverse problems and require tailored solutions. Health financing options will be shaped according to what countries can sustain. Economic constraints linked to the general state and structure of the economy as well as the size and skill distribution of the labour force will be important to consider, the latter also influencing a country’s ability to administer the process, e.g. managing the financing system capable of delivering universal coverage requires capacities in accountancy, actuarial analysis, banking and information processing. The whole process of health financing reform will also need to be monitored and guided, a task that falls naturally on the government. This imposes costs associated with the task of monitoring the process and enforcement of legislation for health financing policy.

Broad policy norms and values, which may be also relevant beyond health financing, will also codetermine the nature of the implementing organizations and their required tasks. First, it may be stipulated that communities at village or district level would need to be given a voice in health financing. This may then explain the establishment of community-based health insurance schemes in a voluntary setting or the existence of district level mutual health insurance funds in a compulsory framework. Second, the extent of private sector involvement in the three health financing functions must be decided and appropriate legislation developed. In India, for example, it is mandatory for formal insurance companies to expand their activities to the rural and social sectors in the country so that the private sector also offers insurance coverage to parts of the low-income population.
come inequality in a country and each country needs to define the appropriate level of solidarity for its setting. This will have an important impact on the type of organizations that are developed and their tasks. Smaller, geographically based insurance pools allow for more local autonomy but involve less risk pooling across the country as a whole. More extensive pooling arrangements may be established along with an increased acceptance of risk sharing across society’s population groups. Finally, health financing policy towards universal coverage is not isolated from the politics, pressure groups and lobbies at country level. Governments have an important role to play in interacting with stakeholders and guiding the overall public interest as health financing systems develop. Nevertheless, it is also this political pressure from civil society that may stimulate governments to manifest political will and to exercise good stewardship.

Towards a comprehensive framework

Achievement of the goal of universal coverage is contingent on the underlying institutional design of the three health financing functions (collection, pooling and purchasing/provision). We propose to integrate the concept of institutional design into a conceptual framework for assessing health financing system reform towards universal coverage. As conceptualized by North, institutions can be understood as “the rules of the game” that guide human and organizational interaction. These rules are the specification of the three health financing functions, as found in legislation and regulations; they are expected to reflect the specific and broad policy norms and values referred to earlier in this paper.

However, the existence of appropriate rules will not be sufficient to ensure high performance of the health financing system and the attainment or maintenance of universal coverage. Equally important is the way these rules are implemented by organizations, i.e., how these rules are carried out and put in practice. Organizations involved in the health financing functions of revenue collection, pooling and purchasing as well as stewardship may include political bodies (e.g., ministry of health, regulatory agencies), economic bodies (e.g., private health insurance, cooperatives), social bodies (e.g., social health insurance agencies, faith-based organizations) and educational bodies (e.g., training centres).

It should be clear that rules and organizations are very much interconnected. In fact, the established rules can restrain or induce people and organizations to do certain things. In other words, rules set incentives and disincentives and as such influence behaviour of organizations and individuals and ultimately the outcomes of organizational activities. In many instances, the prevailing rules in a health financing system may not represent the most efficient institutional design to achieve or maintain universal coverage. Hence, when countries seek to move towards universal coverage, there are many explicit institutional design choices to be taken, far beyond the question of whether a predominantly tax-based system, social health insurance or a mixed system is preferred. Table 1 illustrates some of the possible rules and organizations that may specify a country’s health financing functions and norms in revenue collection, pooling and purchasing.

Ultimately, it is the combination of specific rules in revenue collection, pooling and purchasing as well as the effectiveness of organizations in implementation that will determine the efficiency and equity of a health financing system. However, before the rules and organizational arrangements can be optimized, it is necessary to assess and understand the existing situation. WHO is developing a framework for doing this, building on North’s concept of institutions and rules and some of the applications that have already been made in the area of health and social protection.

Fig. 2 outlines the fundamentals of this framework; it focuses on the rules and organizational arrangements currently in force, either explicitly or implicitly, and assesses how they contribute or detract from the achievement of universal coverage. This forms the basis of plans to modify rules and organizations or to introduce new ones. An example of this framework’s application can be found in Mathauer et al.

Conclusion

The Member States of WHO have endorsed universal coverage as an important goal for the development of health financing systems but, in order to achieve this long-term solution, flexible short-term responses are needed. There is no universal formula. Indeed, for many countries, it will take some years to achieve universal coverage and the path is complex. The responses each country takes will be determined partly by their own histories and the way their health financing systems have developed to date, as well as by social preferences relating to concepts of solidarity.

It is clear that formulating and implementing health policy towards universal coverage will require a multitude of interrelated decisions. The proposed framework links the overall policy goal of universal coverage to the nuts and bolts of health financing policy, the rules and organizational arrangements. It can help countries to undertake the detailed institutional-organizational analysis required to assess the need for different kinds of change. This assessment should consider fund collection, pooling and purchasing/provision separately and should also consider the links between the three functions. This will enable a clear assessment of what rules need to be modified or developed and where organizational capacity should be strengthened.

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Resumen
Cobertura universal de los servicios de salud: adaptación de su aplicación
En 2005 los Estados Miembros de la OMS adoptaron una resolución en la que se alienta a los países a desarrollar sistemas de financiación sanitaria capaces de alcanzar o mantener la cobertura universal de servicios de salud: mecanismos para garantizar que toda la población tenga acceso a los servicios de salud necesarios sin arriesgarse a sufrir consecuencias financieras graves. En ese empeño, un reto importante para muchos países será el de renunciar a los pagos directos, empleados a menudo como una fuente importante de fondos. Habrá que desarrollar o expandir los métodos de prepago, pero, además de las cuestiones relativas a la recaudación de ingresos, se deberá prestar especial atención a la mancomunación de fondos para repartir los riesgos y utilizar dichos fondos de forma eficiente y equitativa. El desarrollo de mecanismos de prepago puede requerir tiempo, según el contexto económico, social y político de los países. Será necesario elaborar normas específicas para las políticas de financiación sanitaria y habrá que adaptar las organizaciones ejecutoras a niveles que los países puedan apoyar y mantener. En este artículo proponemos un marco integral centrado en las normas y organizaciones de financiación de la salud que pueden utilizarse para ayudar a los países a desarrollar sus sistemas de financiación sanitaria en pro de la cobertura universal.

Résumé
Couverture universelle des services de santé : adaptation de sa mise en œuvre
En 2005, les Etats Membres de l'OMS ont adopté une résolution encourageant les pays à développer des systèmes de financement de la santé capables de mettre en place et/ou de maintenir une couverture universelle des services de santé permettant à toutes les personnes d’avoir accès aux services sanitaires dont elles ont besoin sans risque des conséquences financières graves. Dans cette voie, l’une des difficultés majeures pour de nombreux pays réside dans l’abandon du système des débours directs par les ménages, qui sert fréquemment de source importante de financement. Il faut développer ou élargir des méthodes de prépaiement, tout en accordant une attention particulière non seulement aux questions de collecte des contributions, mais aussi à la mise en commun des fonds pour répartir les risques et permettre un usage efficace et équitable de ces fonds. La mise au point de mécanismes de prépaiement peut prendre du temps en fonction du contexte économique, social et politique qui règne dans les pays. Il faut aussi élaborer des règles spéciales pour les politiques de financement de la santé et adapter les organisations chargées de la mise en œuvre de ces politiques en fonction du niveau que les pays sont en mesure de supporter et de maintenir. Nous proposons dans cet article un cadre complet, régiissant principalement les règles et les organisations de financement de la santé, utilisable pour aider les pays à développer des systèmes de financement de la santé orientés vers la réalisation de la couverture universelle.

ملخص
التغطية الشاملة بالخدمات الصحية: تهيئة عملية تنفيذها
اعتمدت الدول الأعضاء فيمنظمة الصحة العالمية، عام 2005. قراراً يشجٍّ البلدان على وضع تمويل صحي تكون قادرًا على تحقيق، أو الحفاظ على، تغطية شاملة بالخدمات الصحية بحيث يكاد يجمع السكان الوصول إلى الخدمات الصحية التي يحتاجونها دون تعرض المخاطر الناجمة عن العواقب المالية الخفيفة. ولهذا، سيشمل التحول في المفاعلات الإدارية، واتخاذ إجراءات لتعزيز الموارد، وفقاً لمستوى الدعم الذي يمكن للبلدان تقديمها ووضعهم استمراراً. ويقترح الباحثون في هذه الورقة وضع إطار شامل يركز على قواعد التمويل الصحي، والهيئات التي يمكن استخدامها لدعم البلدان في تطوير نظم التمويل الصحي لديها، بحثاً عن التغطية الشاملة.
References


