

## Medical Health Insurance Systems in Asia

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**Abstract :** Aging is a natural biological process which increases the risk of disease, thereby requiring medical care. This is now a global phenomenon with an urgent public health challenge and continues to accelerate rapidly. To confront this challenge, the United Nations has recommended Universal Health Coverage (UHC), adopted in all countries by 2030, as one of its Sustainable Development Goals (SDGs). In fact, however, there is a great variation of the pace at which different countries are moving toward the goal of UHC for all people. Most Asian countries are struggling to achieve this goal with rapid progressing of aging and low birthrate and often insufficient resources. This report focuses on the medical health insurance systems in Asian countries with a large number of elderly people. We summarize the characteristics and challenges of the health insurance systems and classification of financial resources of medical health insurance, based on research reports and government records in 2008 to 2018. It is necessary to develop country-specific variations of UHC, and this can best be completed by sharing information and incorporating the most useful aspects of mutual nation's system. This process would contribute to the goal of establishing UHC on a global scale, not limited in Asia.

Key words : Universal Health Coverage, low birthrate, aging, medical health insurance

### Introduction

Everyone should be equal wherever one is born in the world, but there are health disparities even in the same country or different environment where they are born. According to the 2017 Global

Monitoring Report written by World Health Organization and the World Bank, "at least half the world's population still lacks access to essential health services. Furthermore, some 800 million people spend more than 10 per cent of their household budget on health care, and almost 100 million people are pushed into extreme poverty each year because of out-of-pocket health expenses<sup>1)</sup>." Under the condition, Universal Health Coverage (UHC) with core of right for health is aiming to achieve that "every individual and community, irrespective of their circumstances, should receive the health services they need without risking financial

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hardship<sup>1)</sup>.”

In the Sustainable Development Goals (SDGs) adopted at the United Nations Summit in 2015, the UHC promotion was raised in the Goal 3 (health and welfare). As of now, the degree of its achievement varies in each country: already achieved, or nominal succeeded but not actually working, and being on the target but not completed.

#### Rapidly declining birthrate and accelerated aging in Asia

In Asia, population aged over 65 years rated 6.7% and 13.0% in Viet Nam and Korea respectively in 2108 as shown in Table 1<sup>16)</sup>. Viet Nam and Korea are forecasted to become an aging society and an aged society in each soon. The doubling time to become population aging rate of 7% to 14% is estimated to 14 years in Viet Nam, 16 years in Singapore, 17 years in Korea, 19 years in Indonesia, 20 years in Thailand, Malaysia, Philippine, and 23 years in China. Within a short period

of 10 to 30 years, aging will be faster in Asian countries<sup>17, 18)</sup>.

Total fertility rate (TFR) fell below the population replacement level 2.1 to 1.3 in Singapore, 1.5 in Thailand, 1.6 in China, 2.0 in Malaysia and Viet Nam with low birthrate<sup>17)</sup>. While the aging population is increasing, it implies the declining in total and productive population, and labor force. Thus, for instance in Thailand, declining birthrate and accelerated aging goes up in the early stages of economic development. Government has to prepare for two kinds of policy, social security system for the elderly and childcare support at the same time. Actually, insufficient financial resources block to prepare for the aging and low birthrate.

#### Financial resources patterns of medical health insurance

Global medical health insurance systems are mainly divided into three models: the national health service (single-payer) model, the social

Table 1 Basic Statistics of the Asian Countries

	Populations (million)	Population aged over 65 (%)	Life expectancy at birth (years)		Total fertility rate
			male	female	
China	1,403.50	9.7	75.0	78.1	1.6
India	1,324.20	5.6	67.4	70.5	2.3
Indonesia	261.1	5.1	67.4	71.7	2.3
Korea	50.8	13.0	79.3	85.4	1.3
Malaysia	31.2	5.9	73.4	77.9	2.0
Philippines	103.3	4.6	66.0	72.9	2.9
Singapore	5.6	11.7	81.3	85.3	1.3
Thailand	68.9	10.6	71.9	79.3	1.5
Viet Nam	94.6	6.7	71.9	81.1	2.0

insurance (multiple-payer) model, and the private (market-based) model. The national health service model is that the government is the primary provider of medical services with financial resource from tax like England and Canada. The social insurance model is that the providers of medical services are mixed with public (primarily) and private (optionally) insurance organizations like Japan and Germany. The market model is that medical services are mainly provided by private organizations with private medical insurance premiums like America<sup>19)</sup>.

Medical health insurance systems in Asia consist of a mixture of the social insurance premiums and public expenditure, but some countries are not in Table 2. For instance, Malaysia has no public medical insurance system and manages medical health services with financial resource from tax. The medical health insurance system in Singapore is based on a fund system, managing the fund in the Central Provident Fund. In countries where the majority of workers occupy the informal labor sector and therefore have unstable incomes such as Indonesia and India, it is not a proper way to pay for fixed insurance premiums.

Medical health service is apt to be given priority for public officers, not for socially vulnerable people such as rural residents, farmers, fishermen, low-income people, and ethnic minorities. While, India has medical health insurance system called Rashtriya Swasthya Bima Yojana (RSBY) for the poor belonging to the Below Poverty Line (BPL) adopted in 2008. This system is not enough to cover the outpatient care and medical products which will be occupied the most of medical expenses with out-of-pocket payments, due to secure for only certain inpatients. Some countries have limited and small amount of public financial resources which can be reliable for the poor like Viet Nam of socialist country.

### Medical health insurance systems in Asian countries

It is summarized the characteristics and tasks of health insurance systems in Asia, based on the documents in 2008 to 2018 in Table 3.

#### China

China has three sorts of medical insurance systems: Urban Employee Basic Medical Insurance System; Basic Medical Insurance System for Urban Residents; New Rural Co-operative Medical Care System (NRCMCS). It was announced that Urban Employee Basic Medical Insurance System and Basic Medical Insurance System for Urban Residents were integrated into Urban and Rural Residents' Basic Medical Insurance Systems in 2016<sup>2-4, 20, 21)</sup>.

#### Urban Employee Basic Medical Insurance System

This is a compulsory coverage for company workers in the city including urban and rural family registers, self-employed, public officers and their retirees. It is composed of two-story structure: personal account (personal savings) and fund (social insurance system). Hospitals and pharmacies which are eligible for medical insurance benefits have a system designated by the government. Medical insurance system involves two-story structure. The first floor includes benefits of basic medical expenses. The second one comprises benefits of high-cost hospitalization and visits for treatments of specific diseases. Personal accounts are used to pay for medical treatments and medication. The first and second floors are benefits from the public medical insurance fund.

#### [Old] Basic Medical Insurance System for Urban Residents

It is an optional coverage for non-workers, elderly, defectives, elementary students to college stu-

Table 2 Financial resource patterns of medical health insurance system

	Insurance scheme	Financial Resources		Self-pay burden	Public Hospitals
		Insurance Systems	Government Subsidizations		
China	Urban Employee Basic Medical Insurance System	+	-	+	
	Urban and Rural residents' Basic Medical Insurance Systems (insitutionally integrated in 2016)	[Old] Basic Medical Insurance System for Urban Residents		+	-
	[Old] New Rural Co-operative Medical Care System (NRCMCS)	+	+	-	
India	Central Government Health Scheme: CGHS	social insurance system	+		-
	Employees' State Insurance Scheme: ESIS	Social insurance system	+	-	
	Rashtriya Swasthya Bima Yojana: RSBY	-	+	-	
Indonesia	SJSN (Sistem Jaminan Sosial Nasional) Health	Social Insurance system	+	-	Free for the poverty
Korea	Universal Health Coverage	Social Insurance system	+	+	-
Malaysia	No public system of medical health insurance	-	-	+	-
	Private medical facilities with free consultations				
Philippines	Philhealth	Social Insurance System	+	+	-
Singapore	Medisave	Fund System	-	-	
	MediShield	+	-	+	Partially self-pay burden
	Medifund	-	+	-	
Thailand	Civil Servant Medical Benefit Scheme: CSMBS	-	+	-	
	Social Security Scheme: SSS	Social Insurance System	+	+	Free for low income group
	Universal Coverage	-	+	+	
Viet Nam	Health Insurance	Social Insurance System	+	+	-

# Medical Health Insurance Systems in Asia

Table 3 Medical health insurance Systems in Asia

Insurance scheme	Basic Act	Enforcement year	Main Administration	Financial Resources		Eligibility	Benefits	Out-of-pocket payments	Number of admitted insurance	Public Hospitals
				Insurance Systems	Government Subsidizations					
China	Urban Employee Basic Medical Insurance System	Introduced in 1991	Direct controlled city, city (principle)	First Floor (Basic Medical Insurance) • Business principle burdened wages of employees x 8% • Employee burden: last year x 2% Second Floor (Expansive Medical Insurance) different in each region	Employers working in the city (city register/provincial register), self-employed, civil servants	First Floor: benefits for basic medical expenses Second Floor: benefits for expensive fee of hospitalization, hospital insurance fund in both floors	Personal account saving are used to pay for medical treatments and medication (benefits from public health insurance fund in both floors)	205.32 million (2016)		
	(Old) Basic Medical Insurance System for Urban Residents	2007	City	Provincial government and district government subsidize a certain amount for each inhabitant every year	Non-workers, elderly, defective, students, and children in the city register	Local government regulates		448.6 million (2016)		
	Urban and Rural Residents' Basic Medical Insurance Systems	Introduced in 1989			Provincial government annually subsidizes more than 10 yuan per person	Rural citizens in the provincial register	Free		670 million (2016)	
	(Old) New Rural Cooperative Medical Care System (NRCMCS)	Renewed system in 2009	Prefecture, city						Coverage rate: 98.8%	
Central Government Health Scheme: CGHS		1954		Social insurance system salary of an insured person	Senior citizens and retired personnel in Central Government bodies	Specialist consultation, hospitalization, pharmaceuticals		3,066 million (2015)		
Employees' State Insurance Scheme: ESIS	The Employees' State Insurance Act	1952	Employees' State Corporation: ESIC	Social insurance systems Employee: 4.75% of the wages payable to employees Employer: 1.75% of the wages payable to an employee	Employees of private formal sector	Medical services, sickness, maternity (payment in kind) Allowance for invalidity, family, and funeral expenses	Free	99.30 million (2017)		Free
Roshriya Swasthya Bima Yojana: RSBY		2008	State Government (based on the guideline of Ministry of Labour and Employment)	Central Government: 75% subsidization Provincial Government: 25% subsidization for all medical insurance	Below Poverty Line: BPL Five members including a household are secured	Hospitalization in the registered hospitals, 100 registers of cardiac per hospitalization, curfare for screening and monitoring	Free	36.330 households (2017)		

Insurance scheme	Basic Act	Enforcement year	Main Administration	Financial Resources		Eligibility	Benefits	Out-of-pocket payments	Number of admitted insurance	Public Hospitals
				Insurance-Systems	Government Subsidizations					
Indonesia	SJSN (Sistem Jaminan Sosial Nasional) Health System	2014	Badan Penyelenggara Jaminan Sosial (BPJS)	Social insurance system		Entry obligation for all nations will start on January 1st, 2019 All nations (poverty, capital, labor), foreigners working over 6 months in Indonesian	Hospitalization, specialist consultation, medication, maternity, and emergency treatments	Free	1.27 billion (2014)	not expensive for medical treatments and medication free for the poverty financial support for the central government
				① Civil servants, military personnel, and police officers: for 5% premium of monthly wages, employers and insured persons pay 3% and 2% in each.						
				② The other wage labors: for 5% premium of monthly wages, employers and insured persons pay 4% and 1% in each						
				③ Non-wage labors and non-workers: the insurance premiums are different according to the hope ward of the service benefit						
				④ Pensioners: for 5% premium of basic pension and family allowance according to age and pensioners pay 3% and 2% in each						
Korea	Universal Health Coverage	1989 (UHC)	National Health Corporation: NHIC Health Insurance Review and Assessment Servant: HIRA	Social insurance systems		All people in Korea Divided into three groups: employment members, dependents, and community members	Medical allowance, medical expenses, disability allowance for security instruments, consultation for maternity, and medical check ups	-Hospitalization: 20% payment for all medical facilities -50% payment for meals during hospitalization -30-60% payment for consultation and medication -5% for a serious case -10% for an incurable case	National Health Insurance: 49,662 million	
				Employment health insurance: cap and floor system, monthly reward in half and 2.945% of monthly income in half						
				Community medical insurance: according to each income and property, imposed points of insurance multiply 12.7 (2012)						
Malaysia	No public system of medical health insurance Private medical facilities with free consultations						In 1951, medical treatment fees were set up based on the Fees Act Patients have less self-burden, due to the help of Federal budget			
Philippines	Philhealth	1995	Republic Act No. 7875 Philippines Health Insurance Corporation (PHIC): Philhealth	Social insurance system		All citizens in Philippines	Hospitalization, expensive medical allowance, specialist consultation	Self-burden: excess cost per medical consultation, excluded from comprehensive payment	80.67 million (2013)	
				Government payment for indigenous residents Local governments payment for low-income residents						

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Insurance scheme	Basic Act	Enforcement year	Main Administration	Financial Resources		Eligibility	Benefits	Out-of-pocket payments	Number of admitted insurance	Public Hospitals
				Insurance Systems	Government Subsidizations					
Singapore	Medisave		Central Provident Fund Board	Reserve fund system Capital and labors contribute to the amount of the salary, in a worker's personal account	—	Employment nations, permanent residents in Singapore, and self-employed over a certain income, and Singapore seaman of foreign nationality	Hospitalization, chemical diseases, expensive medical allowance, chronic diseases, expensive	Free	8.42 million (2012)	20-30 per consultation available for general people
	MediShield	2014	Central Provident Fund Board	Annual insurance fee is set up, according to the age	—	All Medisave members join in	Setting the maximum on the amount of insurance claims depending on the hospitalization days and surgery	—	—	reduced treatment fee for over 65 yrs or more and children
	MediFund	1993	Medifund Committee	—	The National Treasury for all costs	Nations in Singapore	Hospitalization, specialist consultation, and nursing	Free	587,481 (2012)	—
Thailand	Civil Servant Medical Benefit Scheme- CSMS	1980	Central Accounting Bureau in Ministry of Finance	—	Tax resources	Public servant and retired personnel in government bodies	Payment in kind with all-inclusive coverage	Free in general Self-burden: hospitalization in a private hospital Repayment: medical facilities with no registration	4.97 million (2012) Coverage rate: 8%	30 baht of personal payment consultation
	Social Security Scheme- SSS	1991	Social Security Office in Ministry of Labour	Social insurance system Capital and labors share 10% wages in half	Government additional subsidization: 2.75% of wages payable to an insured person	Compulsory registered: insured personnel in private business aged 13 to 65 Voluntary registered: farmers and the self-employed	Payment in kind: consultation, nursing, medication, transportation Cash payment Main treatment for acute symptoms	Defective allowance in social security scheme in consultation within the fixed limits Coverage rate: 21%	14.04 million (2016) Coverage rate: 21%	30 baht of personal payment consultation free for low income group
Viet Nam	Universal Coverage	2002	National Health Security Office (NHSSO)	—	Tax resources	Voluntary registered: farmers and self-employed, inapplicable to CSMS or SSS	Available for activities of disease prevention	30 baht payment per consultation and hospitalization	48.62 million (2012) Coverage rate: 34	—
	Health Insurance Act H12	2009	Ministry of Health: MOH	① Labor-management contributions: labors in the private companies, and civil servants ② Social insurance contributions: social insurance recipients of unemployment insurance recipients	① Full contribution from government: officers, the poverty, and economically difficult situation, under 6-year-old children, revolutionary contributors and their families ② Partial contribution from government: students, and quasi-low-income residents	Compulsory registered Labor contract workers for more than 3 months, civil servants, social insurance recipients as to retirement allowance and accidents and unemployment, the poverty, minorities in a difficult situation, foreigners received a Viet Nam government scholarship, under 6-year-old children, and persons engaged in agriculture, forestry, and fisheries industries	① Health insurance fund and personal payment: cost of consultations and treatments The paid ratio from health insurance fund is divided into three types of insured category Coverage rate: 70% (2014)	—	64.65 million Coverage rate: 70% (2014)	—
	Health Insurance Act H13	2015	Viet Nam Social Security (VSS)	③ Voluntary contributions: persons engaged in the agriculture, forestry, and fisheries industries, and self-employed residents	—	—	—	—	—	—

dents, and children aged under 16 years in the city family register.

#### [Old] New Rural Co-operative Medical Care System (NRCMCS)

This is a healthcare system of optional coverage, intended to make more affordable for the rural farmers. The Urban and Rural Residents' Basic Medical Insurance Systems, integrated in 2016, has two-story structure system. On the first floor, benefits of basic medical expenses are paid from public medical insurance fund. On the second floor, benefits of high-cost hospitalization and visits for treatments of specific diseases are paid from medical insurance for serious illness, managed by public-private collaboration.

#### India

Three types of medical insurance systems exist in India: Central Government Health Scheme (CGHS) for public servants; Employees' State Insurance Scheme (ESIS) for employees of private formal sector; Rashtriya Swasthya Bima Yojana (RSBY) for the poor. The poor are households belonging to the Below Poverty Line (BPL), determined by the government. The institutional subscribers of ESIS and RSBY can use free medical care in the registered medical institutions. These medical security systems do not reach the Universal Health Coverage because of the limited targets.

#### Central Government Health Scheme (CGHS)

Financial resources are social insurance systems and public expenditures. The premiums are paid by the insured person's salary, 250~1000 Rupees per month. The public expenditures are subsidized from Central Government budget. Benefits cover the comprehensive medical care such as outpatient, hospitalization, and medicine.

#### Employee's State Insurance Scheme (ESIS)

Employee's State Insurance Corporation (ESIC) mainly manages operating body. Financial resources are premiums that employer burdens 4.75% of the wages and employees burden 1.75% of their wages. On the public expenditures, provincial government subsidizes 12.5% of medical benefit costs, within the maximum of 15,000 Rupees per person annually. Benefits cover the in-kind payments such as outpatient and hospitalization, and the cash payments as an invalidity allowance.

#### Rashtriya Swasthya Bima Yojana (RSBY)

Under the main management of provincial government, central government and provincial government subsidizes 75% and 25% of all medical insurance, respectively. There is no self-burden of insurance premiums. In the registered medical institutions, the insured can be hospitalized for free surgery, provided with transportation expenses for hospitalization.

The health care costs of public hospitals are free thanks to RSBY. Due to a shortage of medical supply, waiting for medical services becomes common problems<sup>5-7, 20)</sup>.

#### Indonesia

Sistem Jaminan Sosial Nasional Health (SJSN Health) was introduced, mainly managed by BPJS Health in 2014. Eligibility contains all Indonesian people and foreigners working in Indonesia over six months. Insured person can get medical treatments for free contact burden in general. Financial resources consist of premiums and government subsidization. Insurance premiums vary depending on the occupations and the type of services each individual offers. The government is responsible for the poverty. Over 30 % of all nations was uninsured in 2014, despite of aiming to achieve Universal Health Coverage<sup>8, 9, 20, 25)</sup>.



### Korea

Social health insurance was introduced with the National Health Insurance Act in 1977, which was assured of industrial workers in large corporations. It was expanded to contain other workers such as public servants and private teachers in 1978, farmers and fisheries in 1988, and urban area in 1989. This program had finally achieved Universal Health Coverage in 1989, as a compulsory registered insurance for all residents in Korea.

It is operated by National Health Insurance Corporation (NHIC) and Health Insurance Review and Assessment Service (HIRA). Financial resources consist of premiums sharing in half with a capital and labors, and public revenues such as general and tobacco taxes<sup>10, 11, 20</sup>.

### Malaysia

Malaysia is aiming to succeed fair medical access, in spite of no public medical insurance system. Residents can receive medical services at public medical institutions with less self-burden, due to the help of federal budget. Medical treatment fees of public medical institutions have been set up, based on the Fee Act in 1951. Additional expenses such as examinations, surgery, hospitalization, and medicine are set up low burden. Private medical institutions provide medical treatments, not covered by health insurance, concentrating on urban areas<sup>12, 20</sup>.

### Philippines

In 1995, national healthcare insurance system in Philippines was introduced by the integration of parts of medical insurance (Medicaid), common to both systems: Social Security System (SSS) and Government Service Insurance System (GSIS). Philippines Health Insurance Corporation (PHIC: PhilHealth) manages nationwide healthcare insurance as an institution controlled by the govern-

ment. PhilHealth, headquartered in Manila, has 15 nationwide branches and 72 service bases. The Philippine government is aiming to achieve the Universal Health Coverage System for all citizens to be insured by the PhilHealth.

Financial resources consist of social insurance premiums which capital and labors share 2.5% wages in half, asset management through investment activities, and public expenditure from Development of Health and local governments. Payment is in-kind benefits centered on inpatients. Public and private medical institutions designated by PhilHealth are public medical facilities provided by PhilHealth. A certain amount of medical expenses will be redeemed to physicians or hospitals, based on the severity of illness and the levels of medical facilities. Medical service fees of PhilHealth are not covered all costs of medical institutions charging a patient. Expenses beyond a certain amount will be a patient's self-burden<sup>13, 20, 22</sup>.

### Singapore

The government in Singapore has no idea to take care of people at the national level because of a small city state on the lack of economic basis. People need self-help in health care as much as possible. The government involvement stays at the minimum indirect assistance.

Medical health insurance systems in Singapore are based on the Fund system, managing the fund in the Central Provident Fund (CPF), which capital and labors compulsory build up money of a certain percentage from wages to a labor's personal account. There are three kinds of medical insurance systems: Medisave; MediShield; Medifund. In case of outpatient prescriptions and treatments of general outpatients such as colds, medical expenses will be self-burden<sup>20, 23</sup>.

**Medisave**

It is a national medical savings scheme operated by CPF which can be used to pay for healthcare expenses such as personal or family's hospitalizations, day surgeries throughout the individual's lifetime, even after retirement. Account grows with interests.

**MediShield**

It is a health insurance scheme operated by CPF, which helps to pay for large and long-term hospital bills, without covering with Medisave. All insured members in Medisave have to join in MediShield as a rule. Health insurance system provided by the government is an insurance for medical services in public hospitals. The benefit is only for the insured person, and the upper limitation is for the insurance claims according to the hospitalization days and sorts of surgeries.

**Medifund**

It is an endowment fund set up by the government bearing by the National Treasury to help low-income people who cannot pay with Medisave and MediShield for all cost of medical expenses. The benefit is only for the registered members, supporting the cost of hospitalization, outpatient treatments, and nursing care.

As for public hospitals, Western Singapore is operated by National Health Hospitals (NHG), and Singapore Health (Singhealth) operates Eastern side. In case of the emergency, a patient will transport to the public hospitals determined by the region. The cost of medical treatments including general outpatient and prescriptions is set up that general people can consult. Treatment fee will be reduced for over 65-year-old people and children.

**Thailand**

In Thailand, three types of medical insurance

systems are provided: Civil Servant Medical Benefit Scheme (CSMBS); Invalidity Benefits of Social Security Scheme (SSS); Universal Coverage (UC). In 2002, Universal Coverage was established and the public health insurance system institutionally covered all Thailand residents. Thailand has achieved Universal Health Coverage<sup>14, 20, 24</sup>.

**Civil Servant Medical Benefit Scheme (CSMBS)**

Civil servants who have worked in government bodies are assured of their health care needs through the CSMBS. It is operated with tax resources as a public welfare. In general, insured person will be free to choose medical institutions to consult and for its payment. Benefits cover the comprehensive medical care with in-kind payment. Patients will receive no cash benefit.

**Invalidity Benefits of Social Security Scheme (SSS)**

Within Social Security Scheme, invalidity benefits are the public health insurance system for private employees. It is operated by the premiums of sharing in half with capital and labors, and additional subsidization of the government. In general, insured person can visit to the pre-registered medical institutions. Insured person has no personal payment at the time of consultations within the fixed limit. Benefits cover cash and in-kind payments such as consultations, nursing, medicine, and transportation. Payments from the system operators (insurers) to medical institutions are a capitation payment system.

**Universal Coverage (UC)**

Universal Coverage operated by tax resources is voluntary registered insurance for all residents such as farmers and self-employed, except for insured people of CSMBS and SSS. In general, insured person can use only pre-registered medical institutions (mostly public hospitals). Personal

payment for a consultation is 30 baht, and free for low-income people. Benefits mainly assure for treatments of acute symptoms with in-kind payment only. Payments from the system operators (insurers) to medical institutions are a capitation payment system.

### Viet Nam

Medical insurance system in Viet Nam is managed by Ministry of Health (MOH) and Viet Nam Social Security (VSS), based on Health Insurance Act. Eligibility involves corporate employers, children, elderly, agriculture, forestry, and fisheries. The insurance coverage rate is about 70% in 2014, despite of aiming to achieve Universal Health Coverage. Financial resource is a system of social insurance premium, divided into five categories of insured persons<sup>15, 20, 25</sup>.

### Conclusion

The progress of medical health insurance systems vary in Asian countries. There are countries where benefit systems have relatively achieved for all or almost all nations such as Korea, Singapore, Philippine, and Indonesia. While, some countries have limited systems for farmers and self-employed people, occupied the majority of the population such as China, India, and Viet Nam. Universal Health Coverage is one of the solutions to the problems. Actually, achievement of UHC has been blocked by some reasons such as insufficient financial resources, shortage of doctors and medicine, waiting a long time medical examination, the tendency of the wealthy to enroll private insurance, and low rate to join UHC. Therefore, it is necessary to operate UHC to meet the historical circumstances and historical situation in each country, sharing information and incorporating the most useful aspects of mutual nation's system. This challenge would contribute to UHC achieve-

ment globally, not only in Asian countries.

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