

ECD HCQI Annual Bureau meeting

Hospital Performance Assessment in Korea's National Health Insurance System



SEP 2014

Health Insurance Review and Assessment service of Korea
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Governance of NHI of Korea



Ministry of Health
and Welfare

Legislation,
NHI organization supervision

NHIS

(National Health Insurance Service)

- Collect contribution
- Negotiate with providers for fee level
- Promote health and prevent disease

⤴ Resources generation

HIRA

(Health Insurance Review & Assessment Service)

- Make rules for benefit
 - List, price, coverage
- Monitor
 - Cost and quality
- Manage health system infrastructure

⤴ Purchasing

HIRA's health care purchasing activities

Rule making for benefit

- > Payment system designing
- > Classification system for benefit
- > Healthcare resources management
- > Benefit package listing
- > Benefit criteria development
- > Setting fee schedule
- > Pricing & post-factum management
- > Designation of tertiary hospitals & specialized hospitals
- > Sliding fee scale according to the staffing level

Monitoring

- > Billing claims
- > Claims review
- > Comprehensive management for appropriate medical services
- > Quality assessment
- > Drug Utilization Review(DUR)
- > Onsite investigation
- > Appeal management
- > Verification of health care benefit coverage
- > Public reporting
- > P4P
- > Quality Improvement Support

Infrastructure management

- > Healthcare Resources management
- > Korea Pharmaceutical Information System(KPIS)
- > Healthcare data analysis
- > Monitoring trends in healthcare utilization

Characteristics of

Quality strategies of Korea's NHI

Mandatory assessment for all the providers within National Health Insurance

Legal background by the NHI act

Quality score calculated by the provider level

Public report of the quality result

Pay for performances by the quality score

Partnership with the providers

Parallel with Hospital Accreditation

Number of healthcare providers

Type	Healthcare Providers	No.
<i>Total</i>		85,427
Hospitals	Total	64,456
	Tertiary	43
	General	284
	Hospitals (including Dental and Oriental)	1,862
	Long-term care hospitals	1,276
Clinics	Medical	28,484
	Dental clinics Public health centers Oriental medicine clinics etc	32,507
	<i>Total</i>	20,971
Pharmacy	<i>Total</i>	20,971

- Private hospitals : 93.5% / Public hospitals : 6.5%

Quality Assessment Items in 2013

Area		Quality Assessment Items
In-patient	Acute Diseases	<ul style="list-style-type: none"> > Acute myocardial infarction (AMI) > Coronary artery bypass graft (CABG) > Ischemic heart disease > Acute stroke
	Cancer Diseases	<ul style="list-style-type: none"> > Colorectal cancer > Breast cancer > Lung cancer
	Major Surgery	<ul style="list-style-type: none"> > Prophylactic antibiotics for surgery > Caesarian section > Surgical volume
Out-patient	Chronic Diseases	<ul style="list-style-type: none"> > Hypertension > Diabetes > Asthma
	Prescription	<ul style="list-style-type: none"> > Pharmaceutical benefits > Antibiotics for otitis media in infants and children > Outpatient prescription incentive program
DRG		<ul style="list-style-type: none"> > 7 disease groups of DRGs(hospital and clinics)
Total Institutional Level		<ul style="list-style-type: none"> > Long-term care hospital > Psychiatric disease (Medicaid) > Hemo-dialysis

Adopting 329 quality indicators in total

Number of indicators

		Number
By indicator type	Structure	55
	Process	188
	Outcome	86
By service area	Inpatient	183
	Outpatient	46
	DRG	18
	Facility level	82
Total		329

Examples of AMI Quality Indicators

Number of AMI inpatient cases

Thrombolytic drug administration rate within 60 minutes of arrival at hospital

Primary PCI performance rate within 120 minutes of arrival at hospital

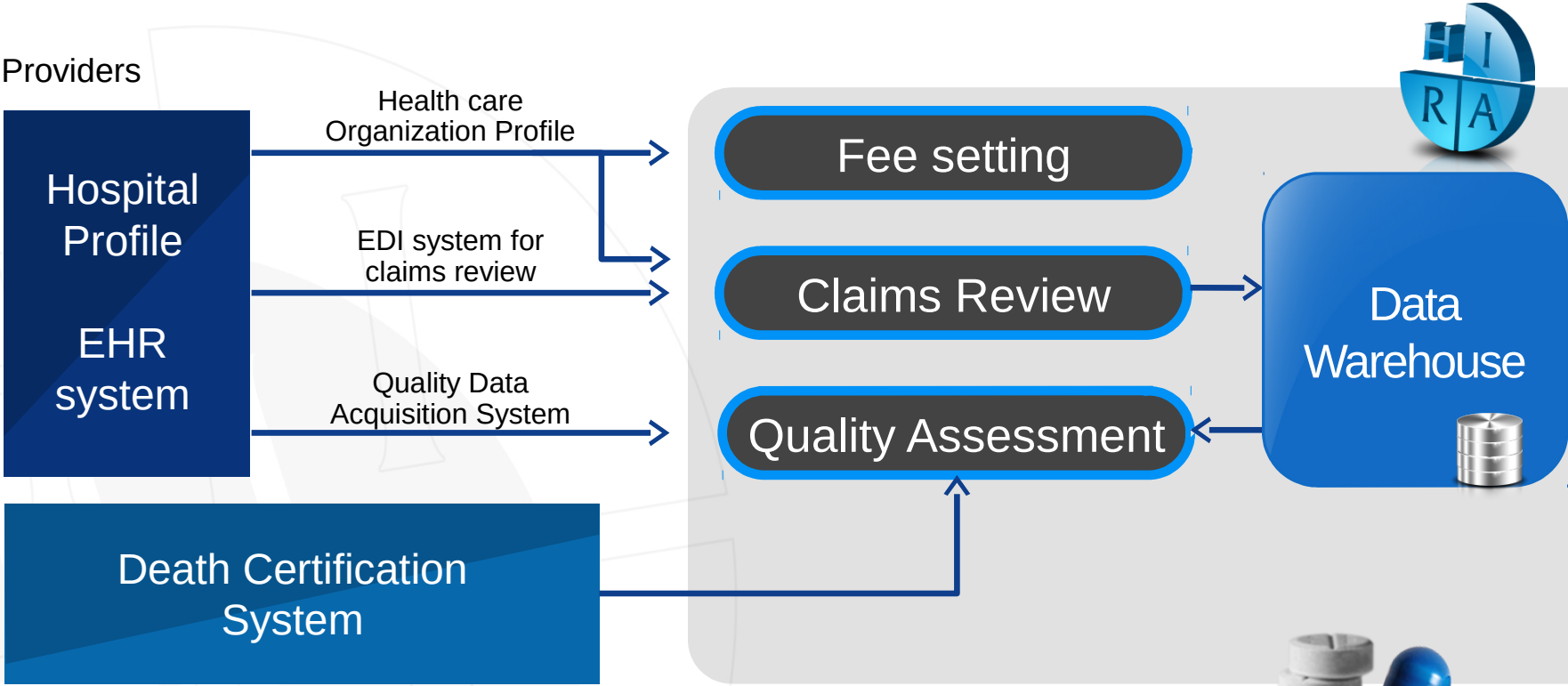
Aspirin administration rate at hospital arrival

Aspirin prescription rate at discharge

Beta-blocker prescription rate at discharge
30-day case

Risk adjusted 30 day case fatality rate

Information flow for Quality Assessment



Ministry of Public Administration and Security



Analysis of quality scores

Risk adjustment according to the patient status

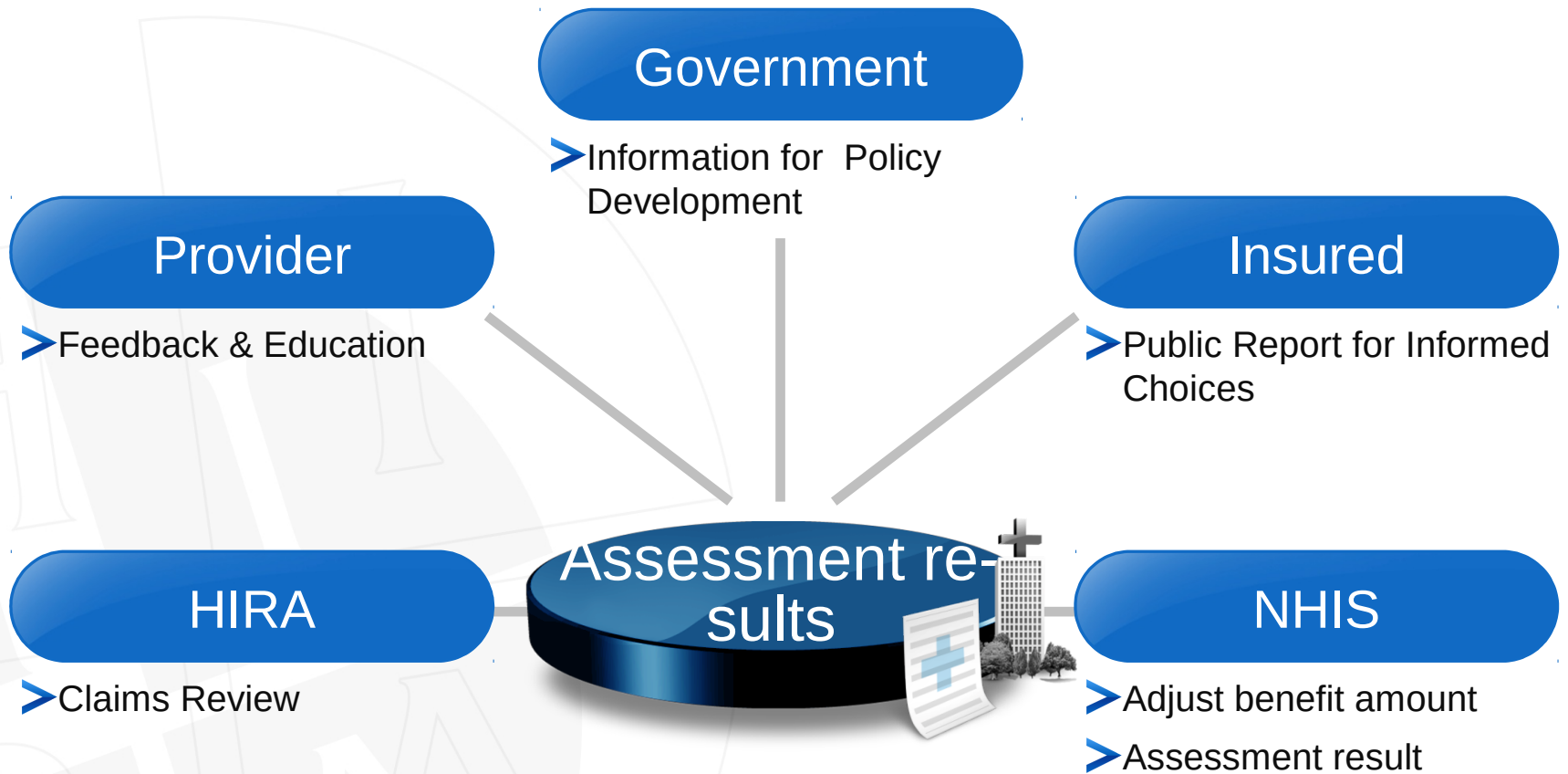
Production of quality scores by the facility level

Composition of quality indicators by assessment items

Categorization of hospitals into five groups(or less)

Final assessment at the Central Quality Assessment Committee

Utilizing Quality Assessment results



Public report of the Quality Assessment Result of health care providers

정보
INFORMATION

병원정보

- 병원-약국찾기
- ▶ **병원평가정보**
- 병원진료비정보
- 비급여진료비정보

약제정보

보험적용안내

쉽게 이해하기

건강-의학정보

네마결빙정보

의료연구정보

홈 > 정보 > 병원정보 > 병원평가정보

병원평가정보

병원에서 실시한 수술, 처치약제 등의 평가결과를 제공해 드립니다.

항목검색

테마검색

· **요양병원/광주/요양병원**으로 12개의 병원이 검색되었습니다. [다시검색하기](#)

- **요양병원**은(는) 5개 등급으로 평가되었으며, 1등급이 가장 우수한 등급입니다. [등급안내](#)

요양병원(12)

표시를 클릭하시면 병원비교 목록에 추가하실 수 있습니다.

10개씩 보기

조회

	병원명	요양병원	위치	병원 진료비
<input type="checkbox"/>	광주고려요양병원	2 등급	광주 광주동구	-
<input type="checkbox"/>	효창요양병원	2 등급	광주 광주북구	-
<input type="checkbox"/>	광주요양병원	3 등급	광주 광주광산구	-

History of HIRA Value Incentive Program

2007~ 2010

> Demonstration VIP for C-sec and AMI for tertiary hospitals

Oct. 2010~

> Outpatient prescription incentive program

2011~

> Extended VIP to general hospitals and acute stroke

2011~

> Started Long term care hospitals P4P

Jul. 2012

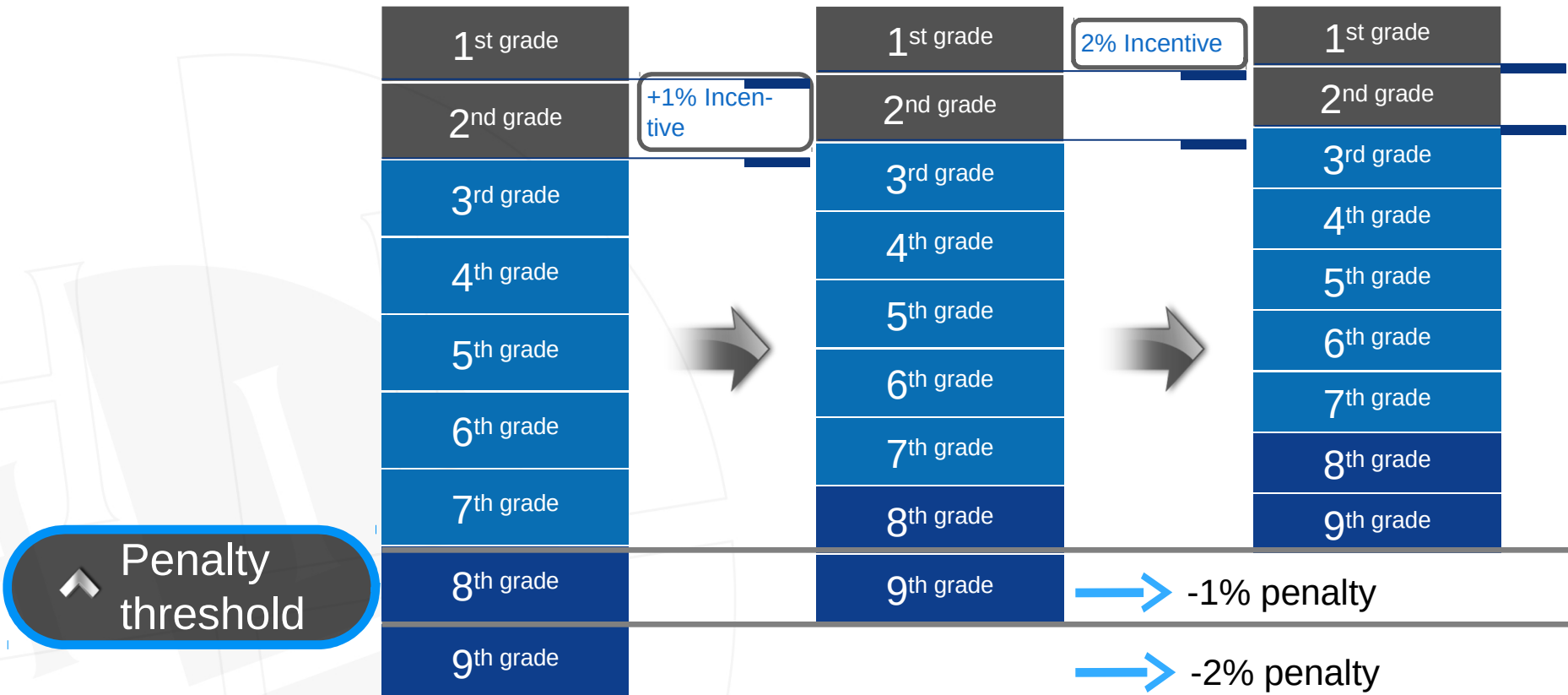
> Started Chronic disease management incentive for doctor's clinic

2013

> Started P4P for Prescription quality assessment for doctor's clinic

Model of Value Incentive Program(VIP)

for acute hospitals



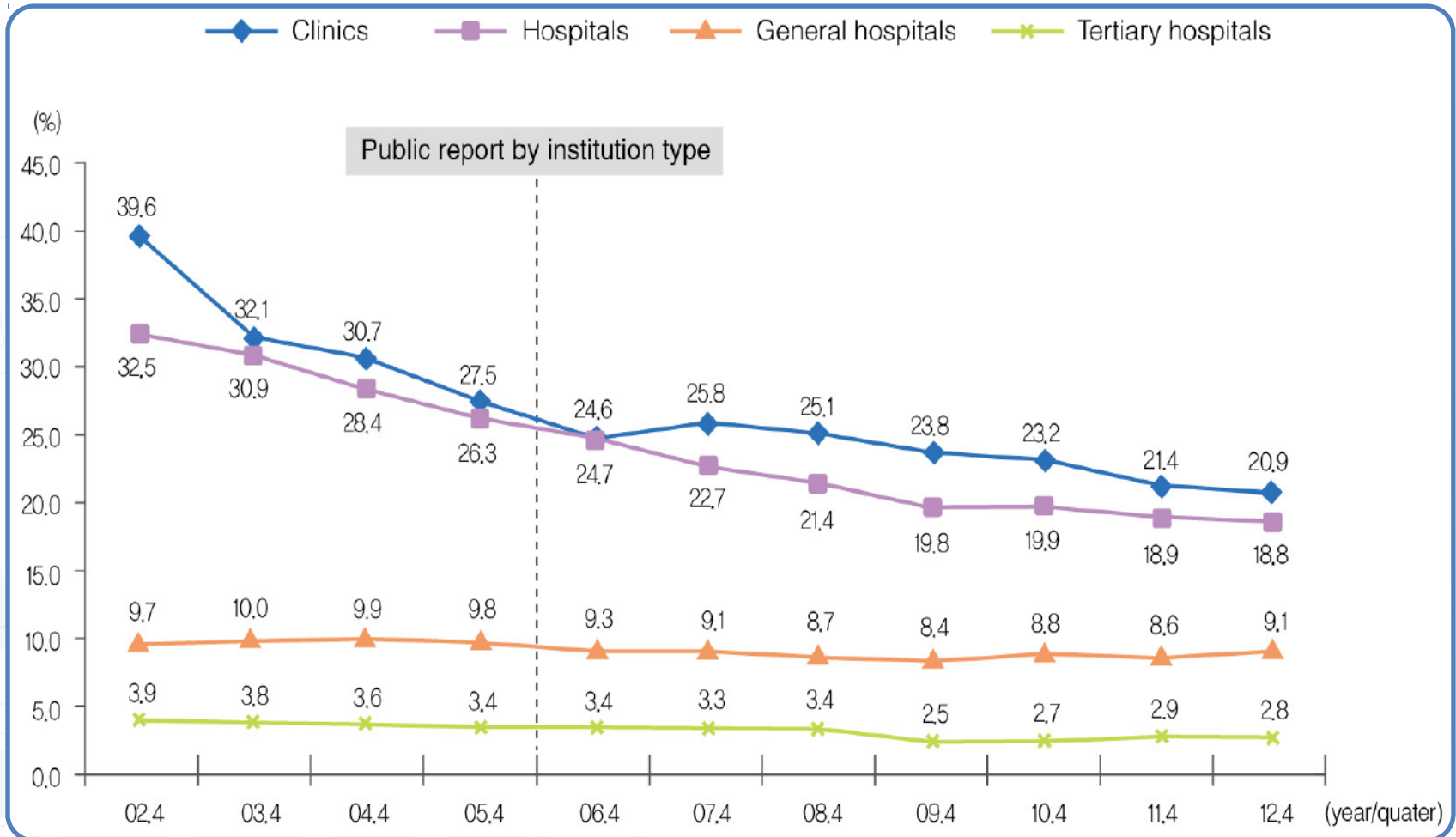
Application

Disclosure of threshold
/provision of incentive

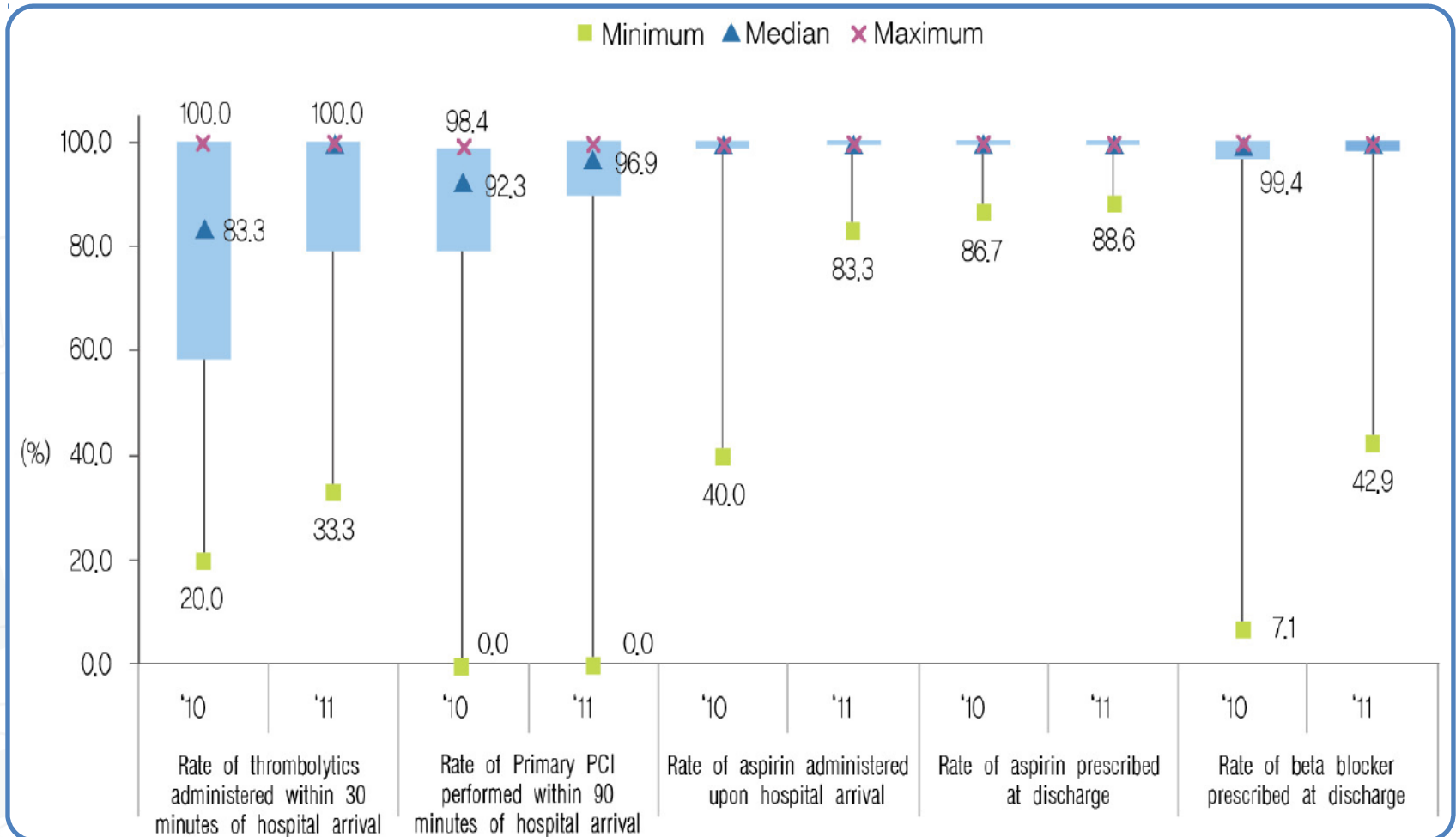
Incentive/penalty

Incentive/penalty

Decrease of antibiotics prescription rate for ARI patient



Decrease of variation of Acute Myocardial Infarction quality score



Strengths of Korea

in quality strategies

Nation wide single purchasing organization which conducts claims review and quality assessment

Far advanced ICT

Pre-existing Unique Patient Identifier

But, confronted with the resistance from the Medical societies, we need

More solid legal background for quality report

Financial support (pay for reporting)

Sound partnership with private providers

Comprehensive Quality Report of National Health Insurance 2012



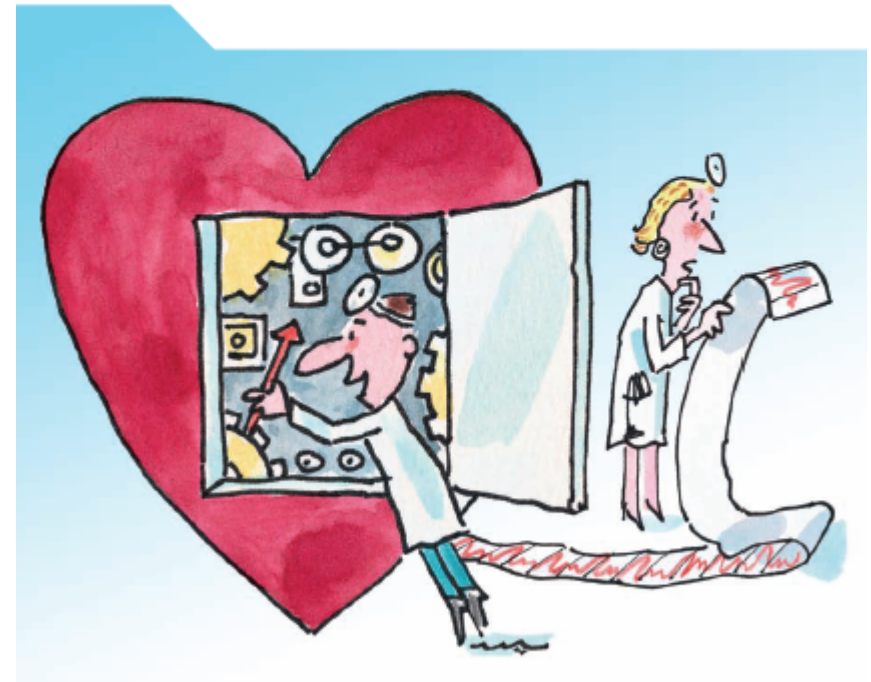
H I Health Insurance
R A Review & Assessment Service



OECD Reviews of Health Care Quality

KOREA

RAISING STANDARDS



<http://www.hira.or.kr/eng>

We are committed to cooperate
with you!



Health Insurance
Review & Assessment Service

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