



National Health Insurance Service

한국의 행위수가 구조 및 의료비용계산



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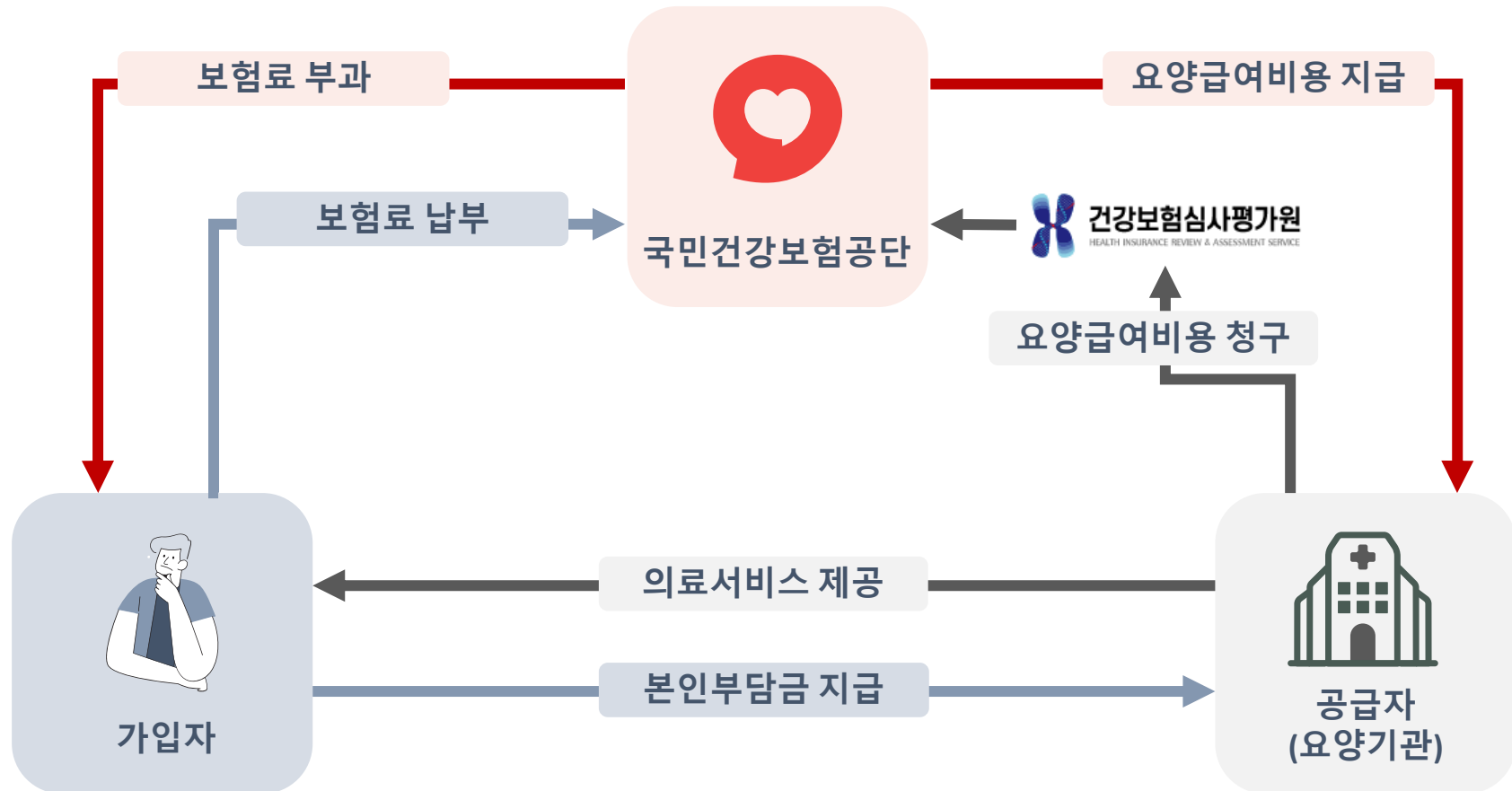


01

행위수가구조



Health insurance structure



Introduction of Health Insurance Fee System



Fee-for-Service

- **Providers are paid for each healthcare service performed**, and patients are charged depending on the price and volume of the services by the healthcare providers
- **FFS** has been the a **main payment system** since the launch of national health insurance in 1977

Bundle Fee Schedule

- **DRG**
 - ① 7 disease groups ② New DRG-based payment system (pilot system)
 - * 7diseasase groups(Cataract surgery, Tonsillectomy and Adenoidectomy, Appendectomy, Hernia surgery, Hemorrhoidectomy, Hysterectomy, Cesarean section)
- **Per diem** (ex. convalescent hospital and hospice)
- **Per visit** (ex. psychiatric department and dialysis)

행위별수가제 급여 구성



Procedures

List of Services Covered and Uncovered by NHI



Drugs

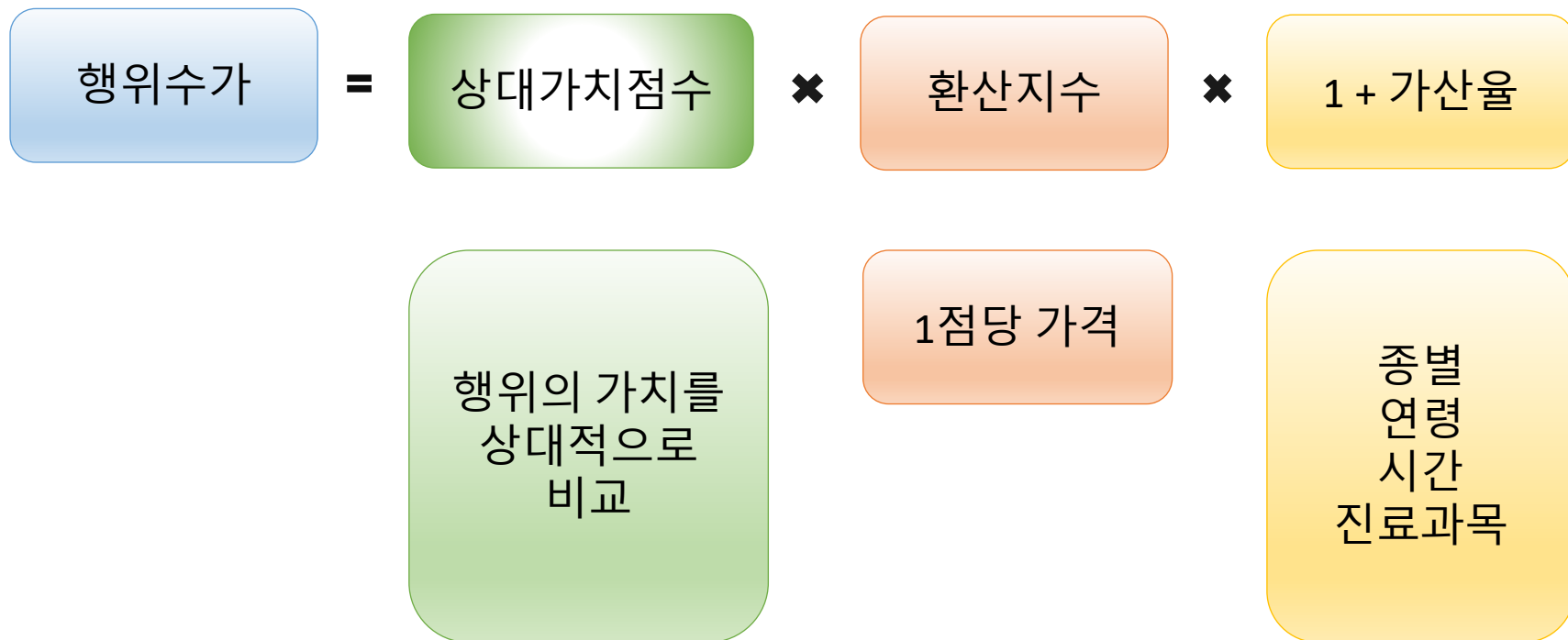
List of Covered and Uncovered Drugs and Ceiling Price of Covered Drugs



Medical Supplies

List of Covered and Uncovered Medical Supplies and Ceiling Price of Covered Supplies

행위별 수가 가격 산정





■ Relative Value Points

Components of Relative Value Points

Workload



Physician Services:

Compensation for the time and effort of medical professionals (doctors, pharmacists).

Medical Expenses



Medical Personnel



Medical Supplies



Medical Devices

Compensation for personnel (specialists, nurses, medical technicians, etc.), supplies, and equipment used in medical care.

Risk Level



Medical Dispute Settlement Costs

Medical malpractice Dispute Resolution Costs

행위별 수가 가격 산정



■ Relative Value Points

(예시) 일반 격리실 입원료(1인용) 상대가치점수

분류번호	코드	분류	상대가치점수
가-10	AK100	상급종합병원	4,151.86
	AK200	종합병원	3,196.31
	AK300	병원, 정신병원, 치과병원·한방병원 내 의·치과	2,702.33
	AK400	의원, 치과의원, 보건의료원 의·치과	1,791.74

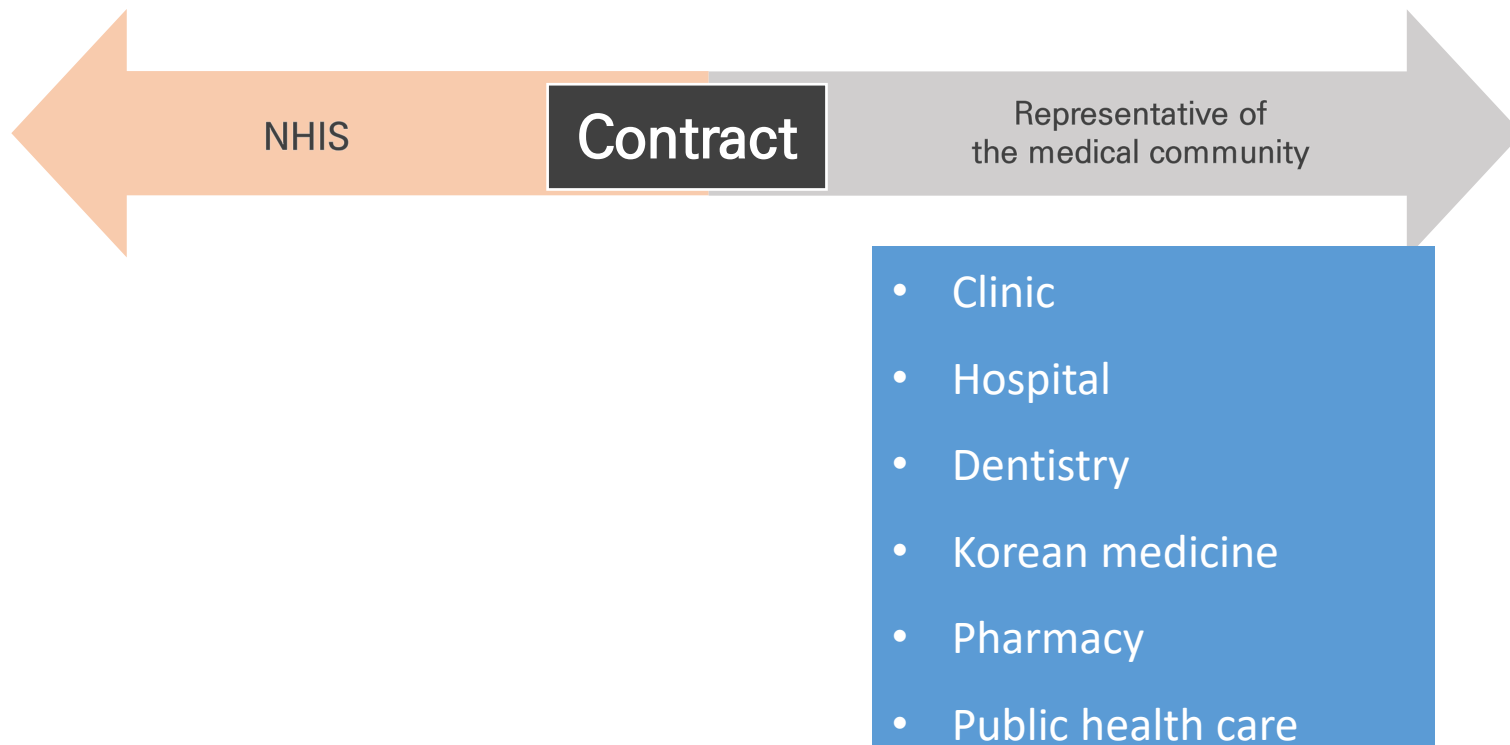
(예시) 위전절제술(Total gastrectomy)

분류번호	코드	분류	상대가치점수
자-253	Q2533	복부접근 - 림프절 청소를 포함하는 것	26,910.47
	Q2536	복부접근 - 림프절 청소를 포함하지 않는 것	19,846.44
	Q2534	흉복부접근 - 림프절 청소를 포함하는 것	30,573.58
	Q2537	흉복부접근 - 림프절 청소를 포함하지 않는 것	24,805.65

행위별 수가 가격 산정



■ Conversion Index



● 2025년 환산지수(요양기관 유형별 상대가치점수당 단가)

Clinic	Hospital	Dentistry	Korean medicine	Pharmacy	Public health care
94.1원	82.2원	99.1원	102.4원	102.1원	96.0원



■ Additional Rate by Facility Type

To ensure that medical institutions can fulfill their roles and functions according to their type, an **additional support rate** is applied

〈Additional Rate by Facility Type〉

- Tertiary Hospitals: 15%
- General Hospitals: 10%
- Hospitals: 5%
- Clinics: 0%



■ (예시) 요양급여비용계산

Wound Dressing – Simple Dressing

분류번호	코드	분류	상대가치점수
자-2-1	M0111	Wound Dressing - Simple Dressing	75.51

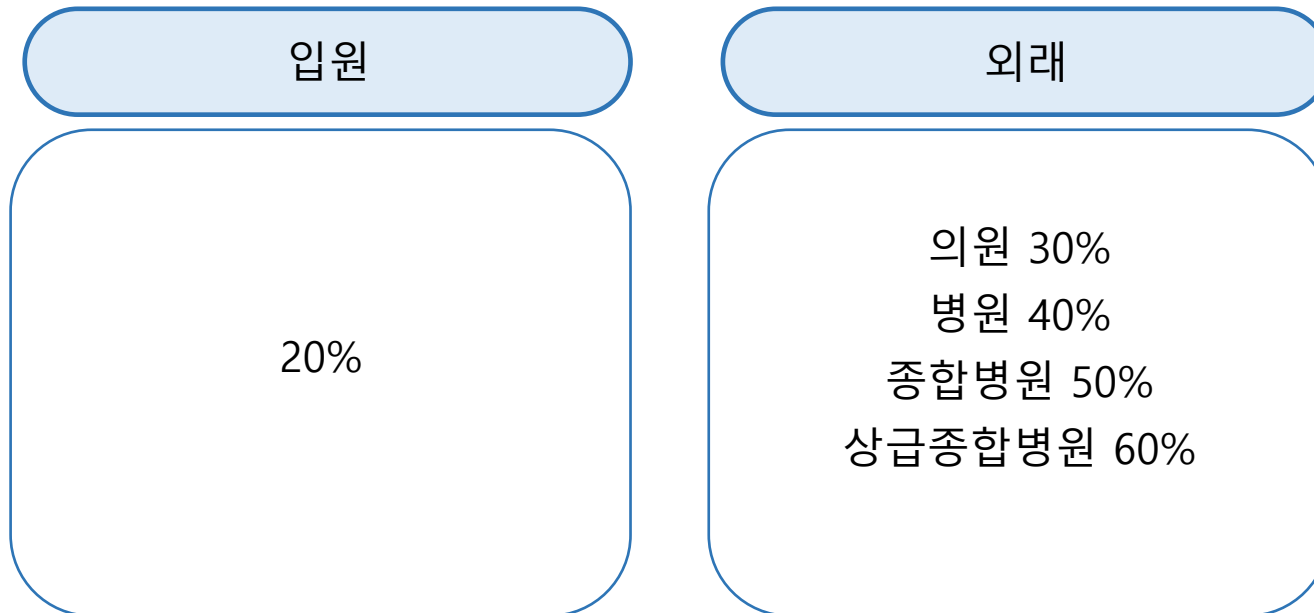
- 의원 진료시

(상대가치점수) 75.51 X (환산지수) 94.1원 X (종별가산) 1.0 = (총액) 7,110원



■ 본인본인부담률

전체 요양급여비용 중 본인이 부담하는 비율





■ Procedure for Listing Health Insurance Coverage

1. **Evaluation of New Medical Technology** (Safety and Effectiveness)

→ 2. Application for Decision

→ 3. **Expert Review Committee** (Economic Feasibility and Suitability for Coverage Evaluation)

→ 4. **Health Insurance Policy Review Committee**

→ 5. **Announcement by the Ministry of Health and Welfare**





Standards of Non-benefit

- 01 Does not cause difficulties in daily life
- 02 Not intended to improve essential health functions
- 03 In case of DRG inpatient services, uncovered services are notified by the Minister of Health and Welfare
- 04 Not intended to treat injuries and diseases
- 05 Cases such as selective treatment and upgraded wards that may not be recognized under benefit criteria
- 06 Not in accord with policies or principles of benefit provision under NHI
- 07 Drugs outside of the permitted benefit scope



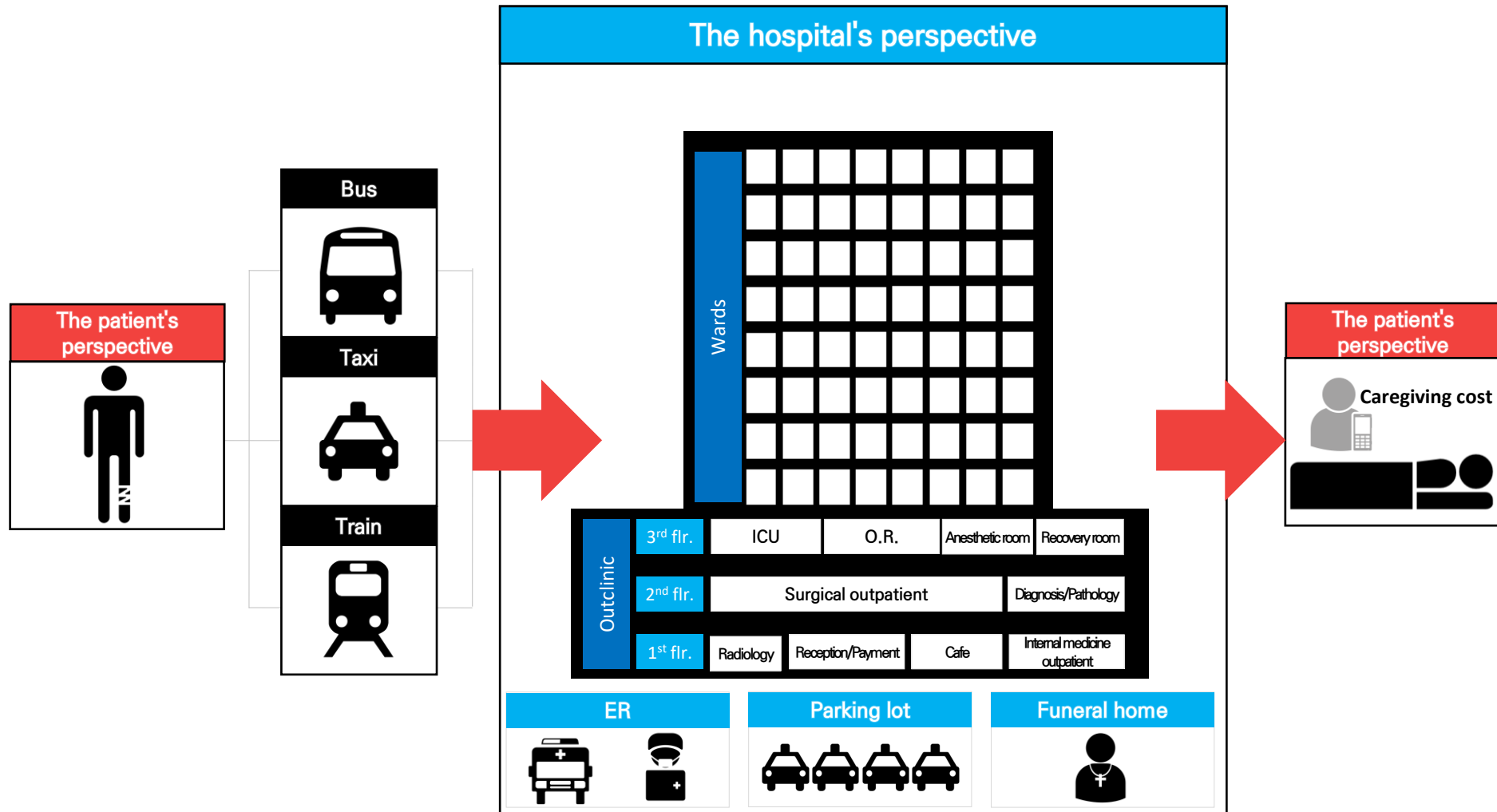
02

의료비용계산



Perspectives on Costing

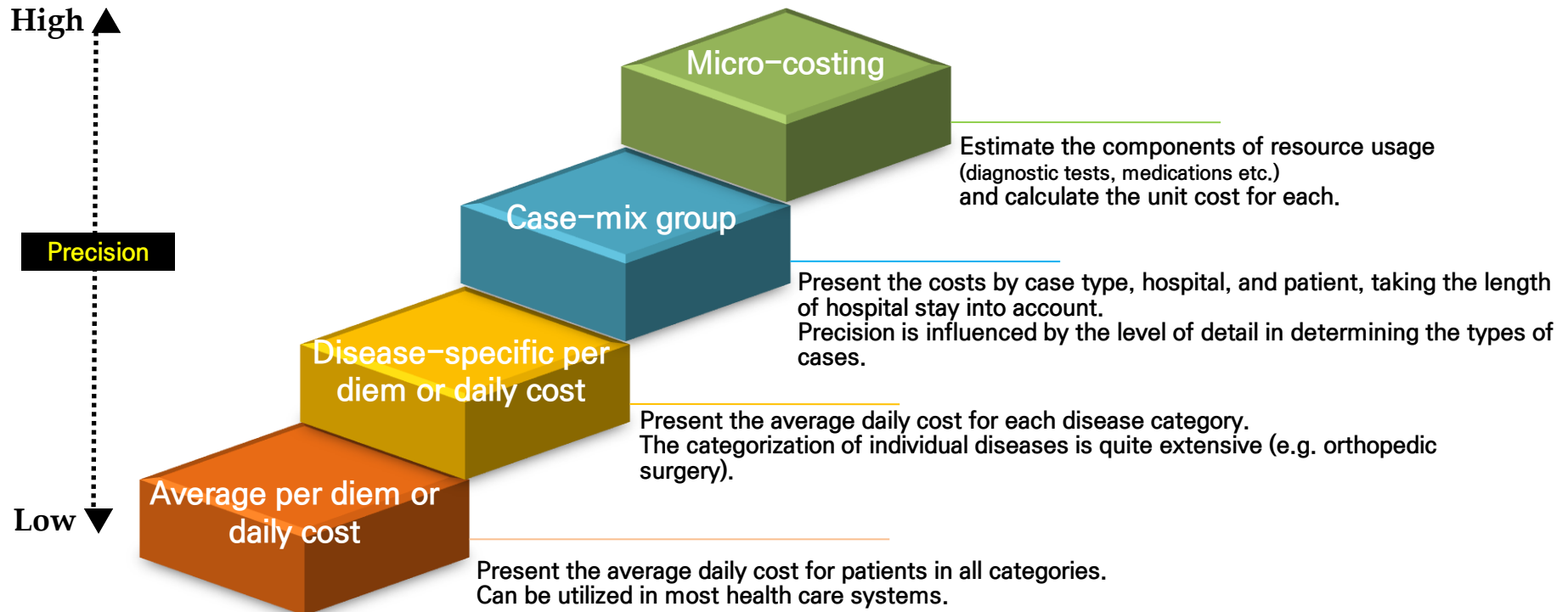
Medical Expense Analysis Team, Department of Benefits Management, NHIS 



Determining Precision

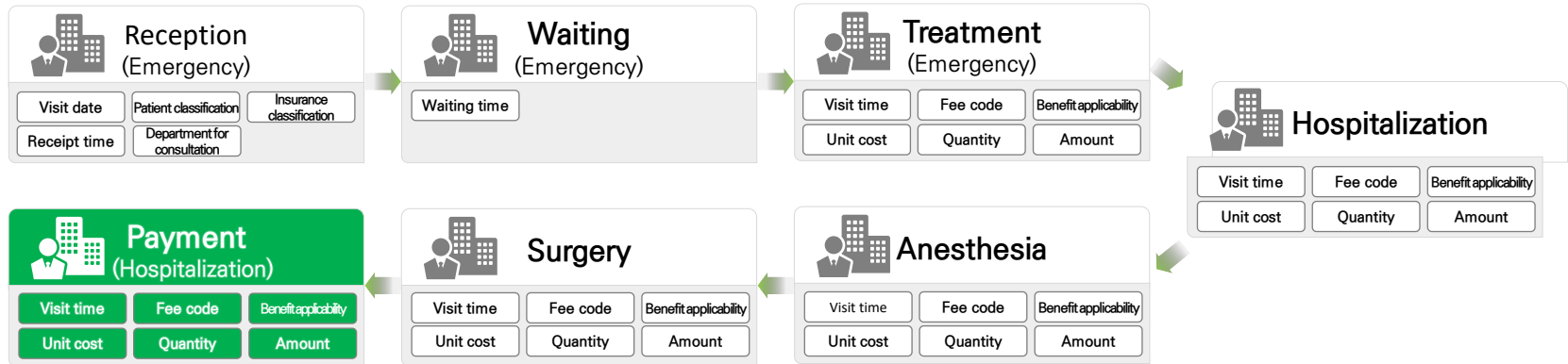
Medical Expense Analysis Team, Department of Benefits Management, NHIS  h·well

Must decide how accurately (precisely) the cost will be estimated



Medical Providers' Inpatient Services

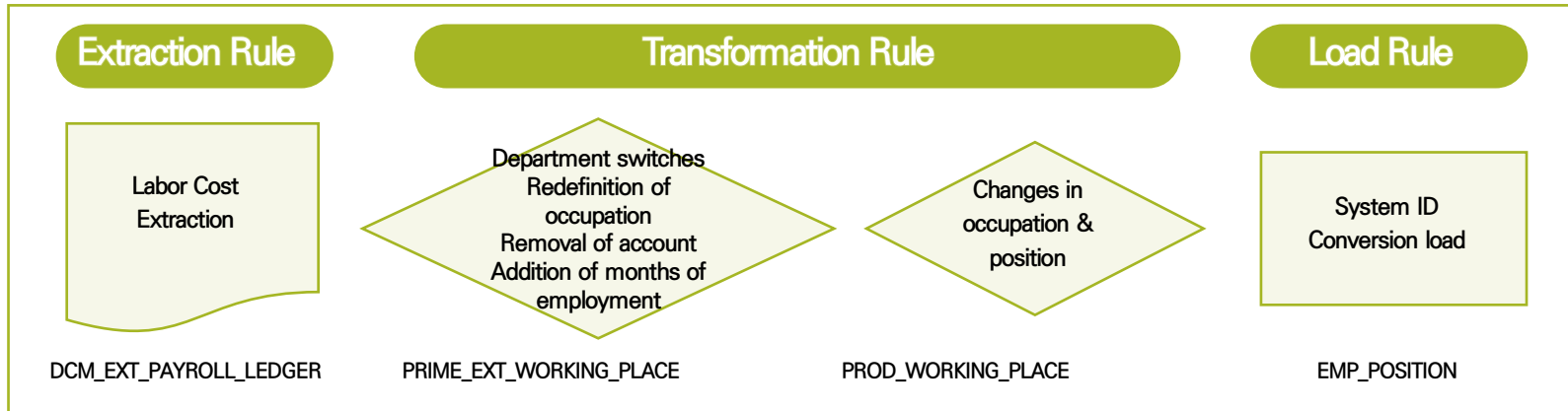
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Provider code	Patient number	Resident no.	Visit date	Discharge date	Patient classification	Insurance classification	Receipt time	Visit time	Department	Ward	Fee code	Benefit applicability	Unit cost	Quantity	Amount
NHIS hospital	000	821001-1	211218	211220	Emergency	Health insurance	10:00	10:10	ER	-	V1310	Applicable	56,920	1	56,920
NHIS hospital	000	821001-1	211218	211220	Hospitalization	Health insurance	10:00	10:10	Orthopedics	Ward 61	AO240	Applicable	78,710	1	78,710
NHIS hospital	000	821001-1	211218	211220	Hospitalization	Health insurance	10:00	10:10	Orthopedics	Ward 61	AC421	Applicable	1,970	1	1,970
NHIS hospital	000	821001-1	211218	211220	Hospitalization	Health insurance	10:00	10:10	Orthopedics	Ward 61	AU222	Applicable	9,290	1	9,290
NHIS hospital	000	821001-1	211218	211220	Hospitalization	Health insurance	10:00	10:10	Orthopedics	Ward 61	AU302	Applicable	860	1	860
NHIS hospital	000	821001-1	211218	211220	Hospitalization	Health insurance	10:00	10:10	Orthopedics	Ward 61	AU403	Applicable	260	1	260
NHIS hospital	000	821001-1	211218	211220	Hospitalization	Health insurance	10:00	10:10	Orthopedics	Ward 61	L1213	Applicable	75,090	1	75,090
NHIS hospital	000	821001-1	211218	211220	Hospitalization	Health insurance	10:00	10:10	Orthopedics	Ward 61	N2470	Applicable	571,940	1	571,940
NHIS hospital	000	821001-1	211218	211220	Hospitalization	Health insurance	10:00	10:10	Orthopedics	Ward 61	J1030	Applicable	290	1	290
NHIS hospital	000	821001-1	211218	211220	Hospitalization	Health insurance	10:00	10:10	Orthopedics	Ward 61	J1600	Applicable	100	1	100

Standardization of Employee Affiliation (Example)

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Excel Data

Year	Hospital	Month	Staff no.	Department	Occupation	Position	Account	Amount
2015	A	1	180342	Nursing (Ward 51)	Nurse	Level 5	Salary	4,000,000

Department switch Redefine position Remove account

Converted Data 1

Year	Hospital	Month	Staff no.	Department	Occupation	Position	Months of employment	Amount
2015	A	1	A180342	General ward	Nurse	Nurse - Level 5	1	4,000,000

Add months of employment

Converted Data 2

Year	Hospital	Name	Staff no.	Assigned department	Department of actual work	Occupation	Position	Enter value Y
2015	A	A180342	A180342	General ward	General ward	Nurse	Nursing-Nursing	Y

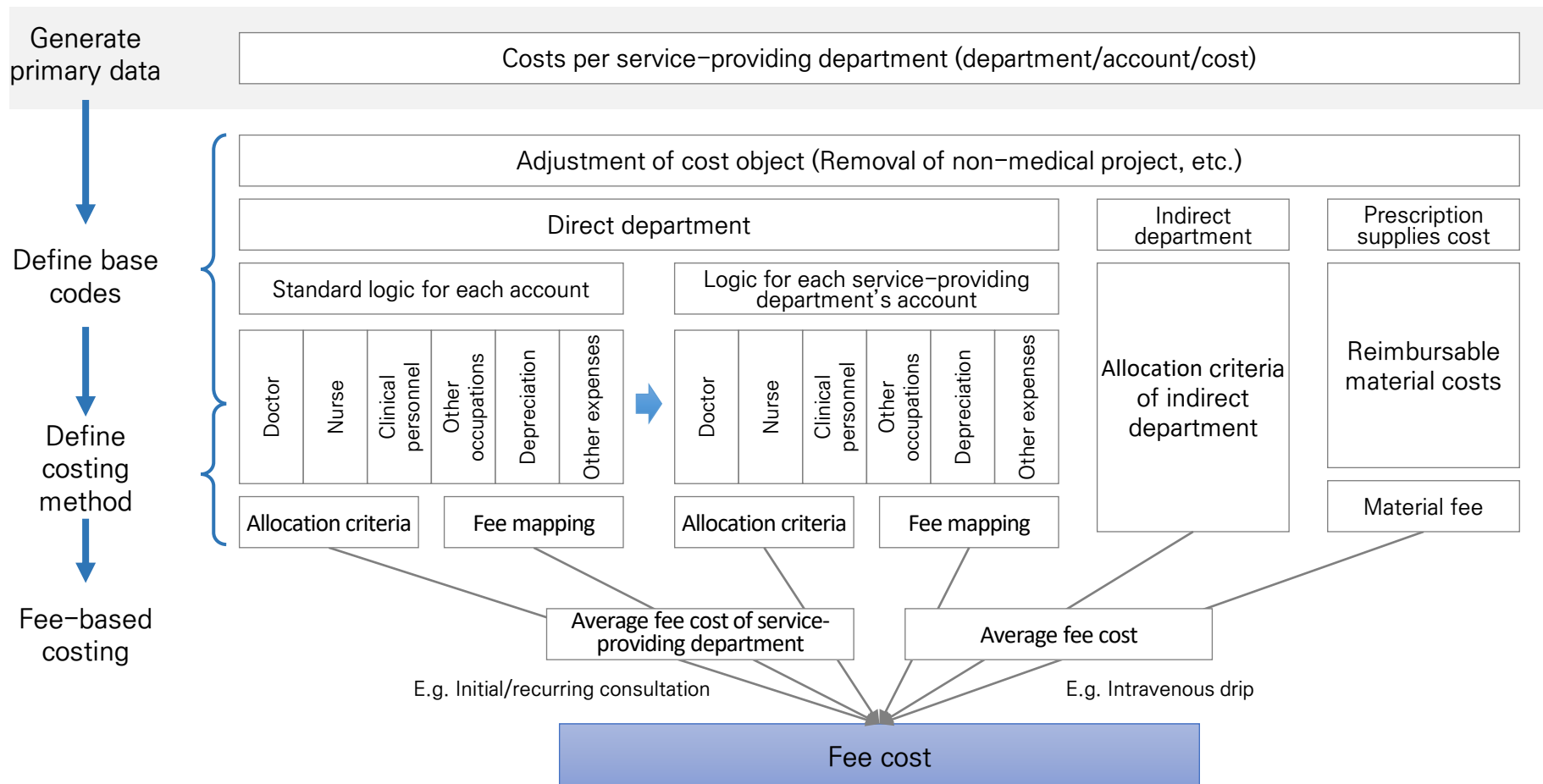
System Load

Year			Staff no.	Assigned department	Department of actual work	Occupation	Position	
15			2634	4076	4076	103	110	

Diagram of Fee-based Costing

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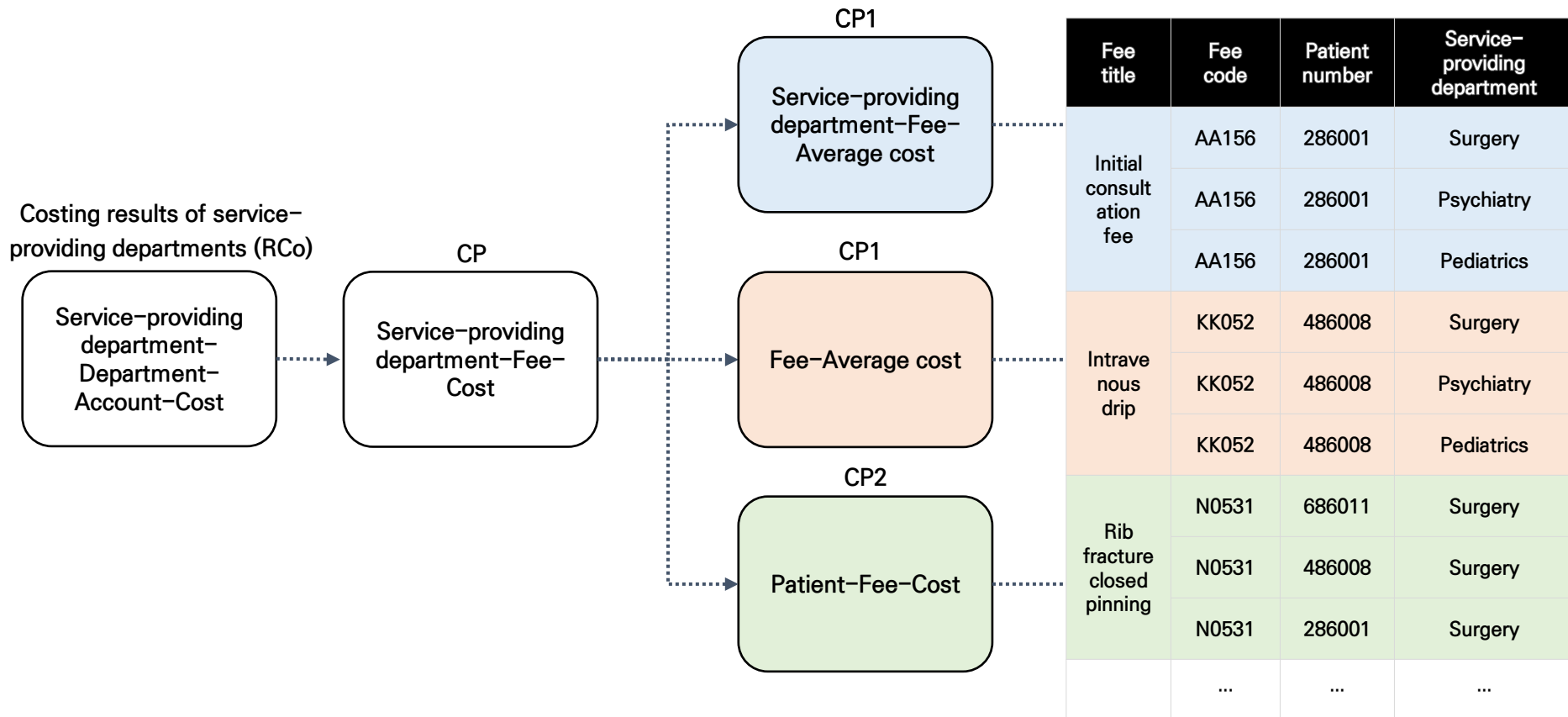
Calculate the costs for each major account by performing fee-based costing based on the service-provider department account's costs.



Flowchart of Fee-based Costing

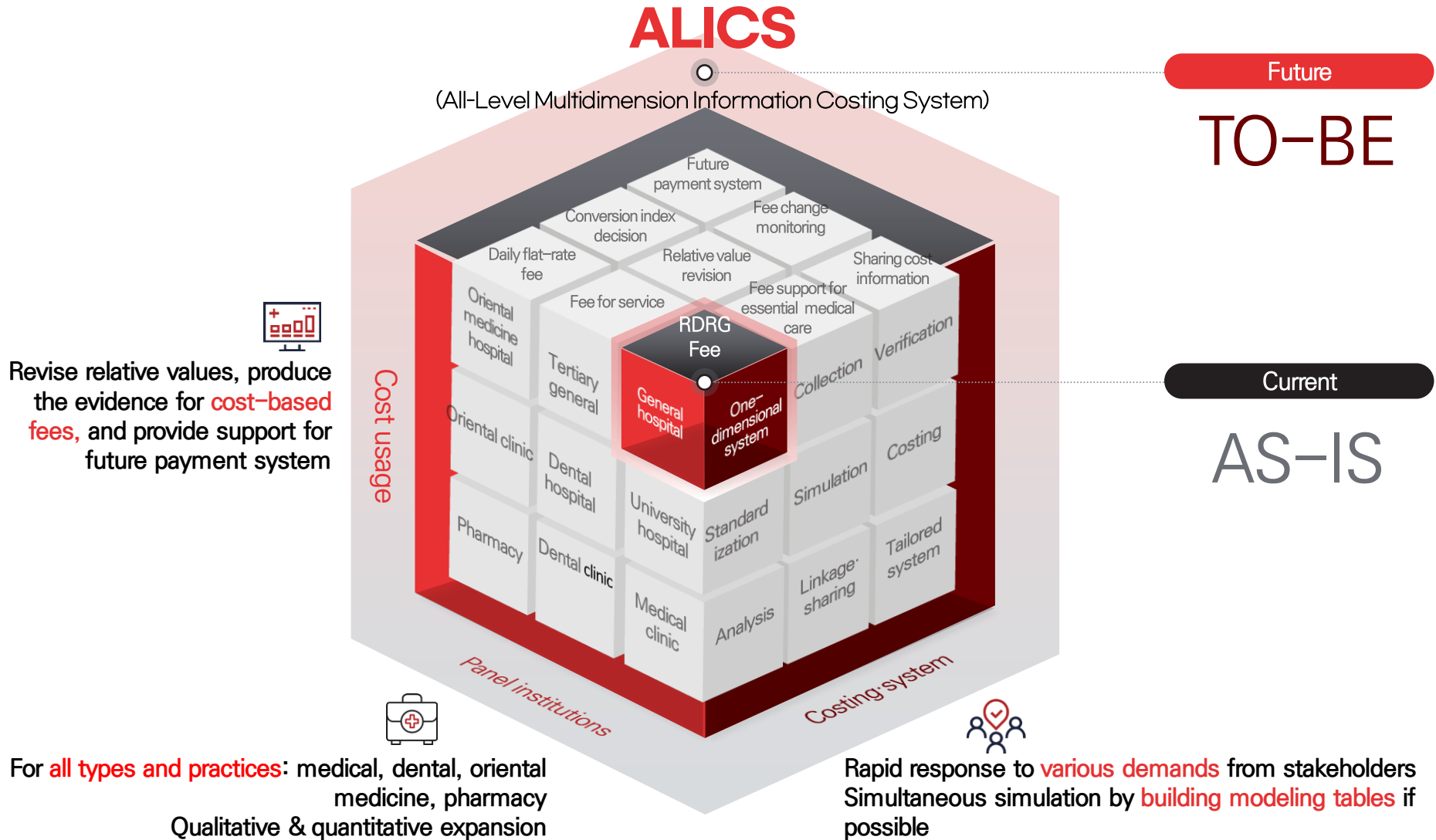
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Calculate unit costs by selecting fee codes for CP1(1), CP1(2), and CP2



Multidimensional Medical Costing System

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National Health Insurance Service

Thank You

