



Implementing ICD – 10

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Introduction

Health Information Management

Coding Coding Process and Systems

ICD – 10 – AM

Macro Level: National Framework

WHO Check List

Status Quo in Saudi Arabia

Stakeholders and National Committee

Micro Level: Organizational Aspects

Organizational Stakeholders

Considerations for Organizations

Coding and Coders



Health Information - Purposes

Health Policy

Setting
Health Policy

Designing
Health Delivery System

Tackling
Public Health and
Epidemiological Risks

Care Management

Assuring
Quality of Service

Minimizing
Medical Errors

Monitoring
Resource Utilization

Improving
Clinical Performance


Conducting
Research and
Clinical Trials

Cost Management

Designing
Payment Systems

Identifying
Fraud

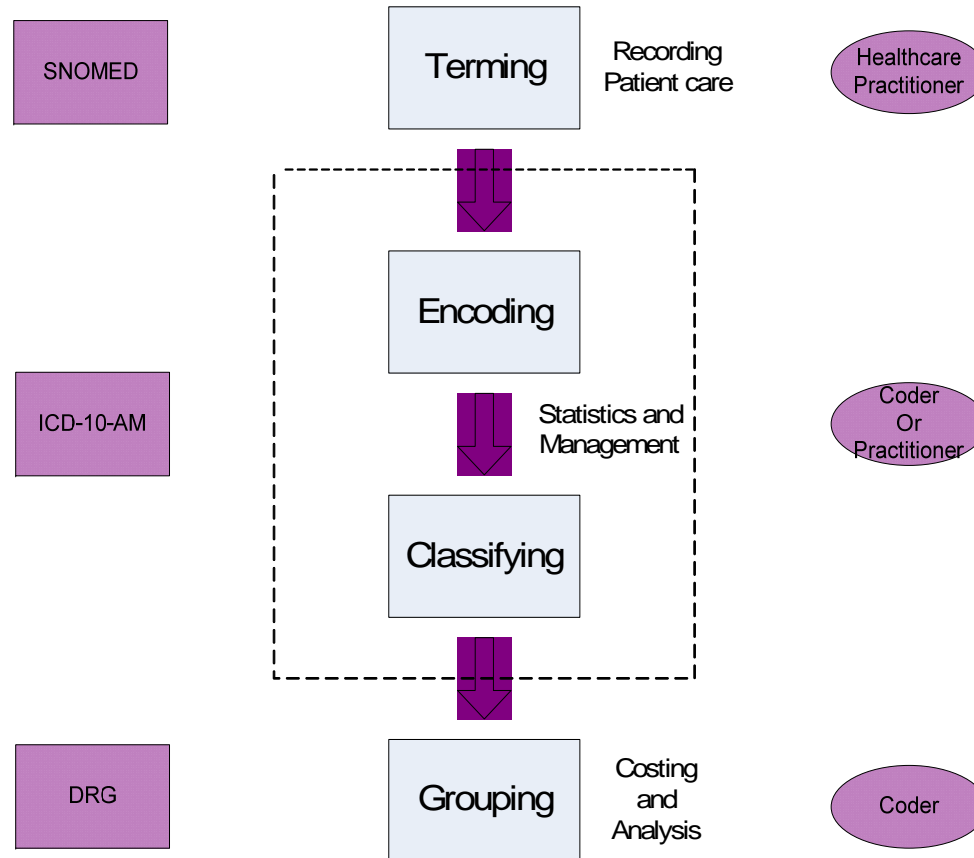
Providing
Financial Data to
Consumers



Advantages vs. disadvantages of Coding

Advantages	Disadvantages
Enforces standardization of terminology	Limits the way of expression
Data can be easily read by other clinicians	Clinicians are restricted
Appropriate level of detail	Coding errors

Coding Process





Coding systems in the world

- ICD
- Read 2
- OPCS – 4
- CPT – 4
- HCPCS



International Coding of Diseases

- ICD – **Revision** - Version (edition)
- ICD - **10** - AM
- ICD - **10** - SPC
- ICD - **9** - CM



ICD and WHO

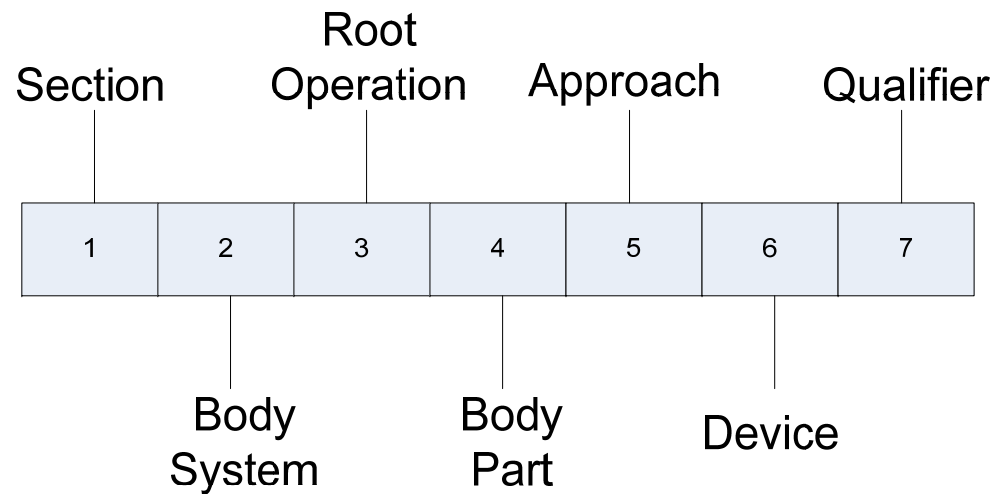
- Owned and maintained by WHO
- Countries are licensed to derive modifications
- WHO supports only ICD-10



ICD Revisions

Revision	Years
1 st	1900 – 1909
2 nd	1910 – 1920
3 rd	1921 – 1929
4 th	1920 – 1938
5 th	1939 – 1948
6 th	1949 – 1957
7 th	1958 – 1967
8 th	1968 – 1978
9 th	1979 – 1998
10 th	1999 – present

ICD – 10 – PCS



34 Possible values



Example of a Code

0	L	B	5	0	Z	Z
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Example of a Code

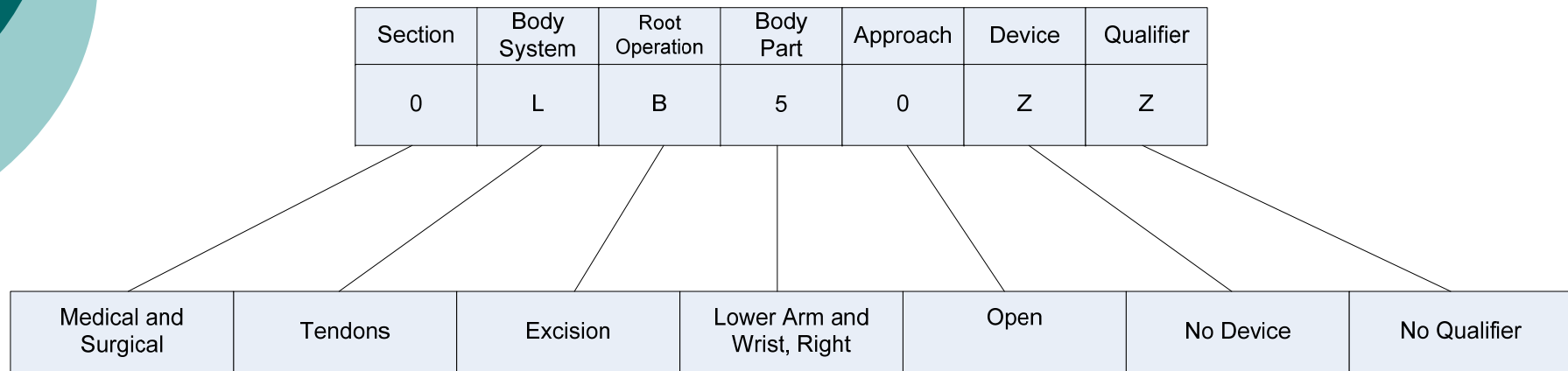
Section	Body System	Root Operation	Body Part	Approach	Device	Qualifier
0	L	B	5	0	Z	Z

Example of a Code

Section	Body System	Root Operation	Body Part	Approach	Device	Qualifier
0	L	B	5	0	Z	Z

Medical and Surgical	Tendons	Excision	Lower Arm and Wrist, Right	Open	No Device	No Qualifier
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Interpretation of a code



Excision of right lower arm and wrist tendon,
open approach



ICD-10-AM (Fourth Edition)

- 16,013 valid disease codes
 - 3,504 are Australian additions (mostly at the 5th character level)
- 6,055 intervention codes
- 285 Australian Coding Standards



Benefits of ICD-10

Accurate documentation

Public health monitoring and
biosurveilliance

Improved Disease Management
(e.g. LOS)

Management, Decision Making
and Planning

Better and faster claim processing



Countries using ICD-10

- Columbia
- Costa Rica
- Canada (partial)
- Mexico
- Japan
- Malaysia
- South Korea
- South Africa
- Czeck Republic
- Finland
- Germany
- Netherlands
- Norway
- Romania
- Russia
- Sweden
- Switzerland
- UK

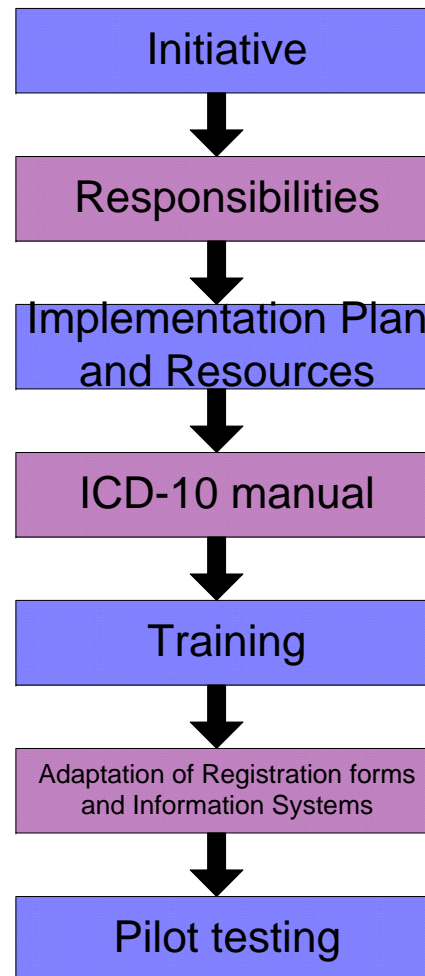


Countries using ICD-10-AM

- Australia
- New Zealand
- Turkey
- Fiji
- Saudi Arabia



WHO Check List for ICD-10





Coding in Saudi Arabia

- September 2006: Decree by HE Minister of Health: ICD-10-AM
- Health Insurance

Coding in Saudi Arabia

Automated Systems

KFSH&RC

KFMC

NGHA

ARAMCO

Semi - Manual

X

X

X

X

X

X

X

X

X

X

None

Y

Y

Y

Y

Y

Y

Y

Y

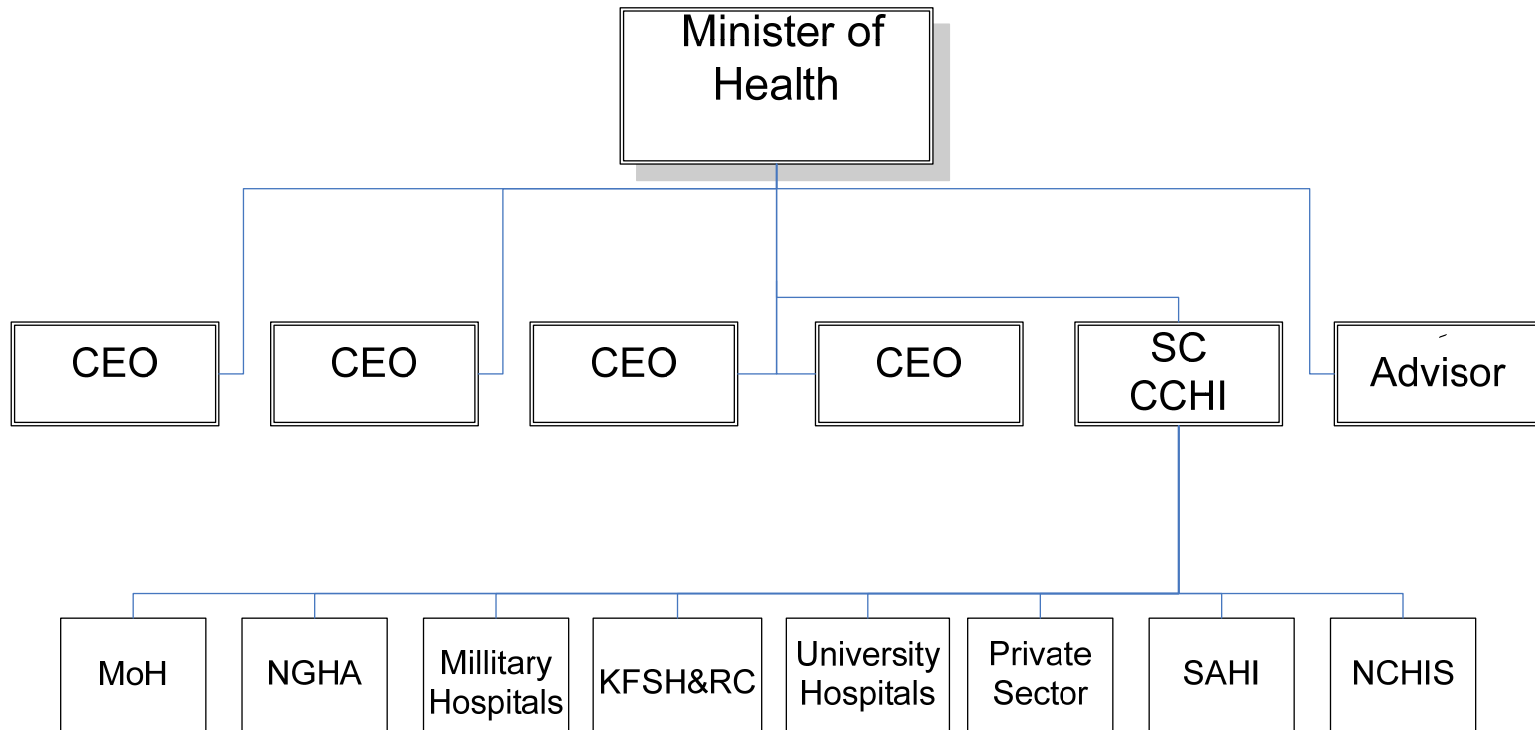
Y

Y

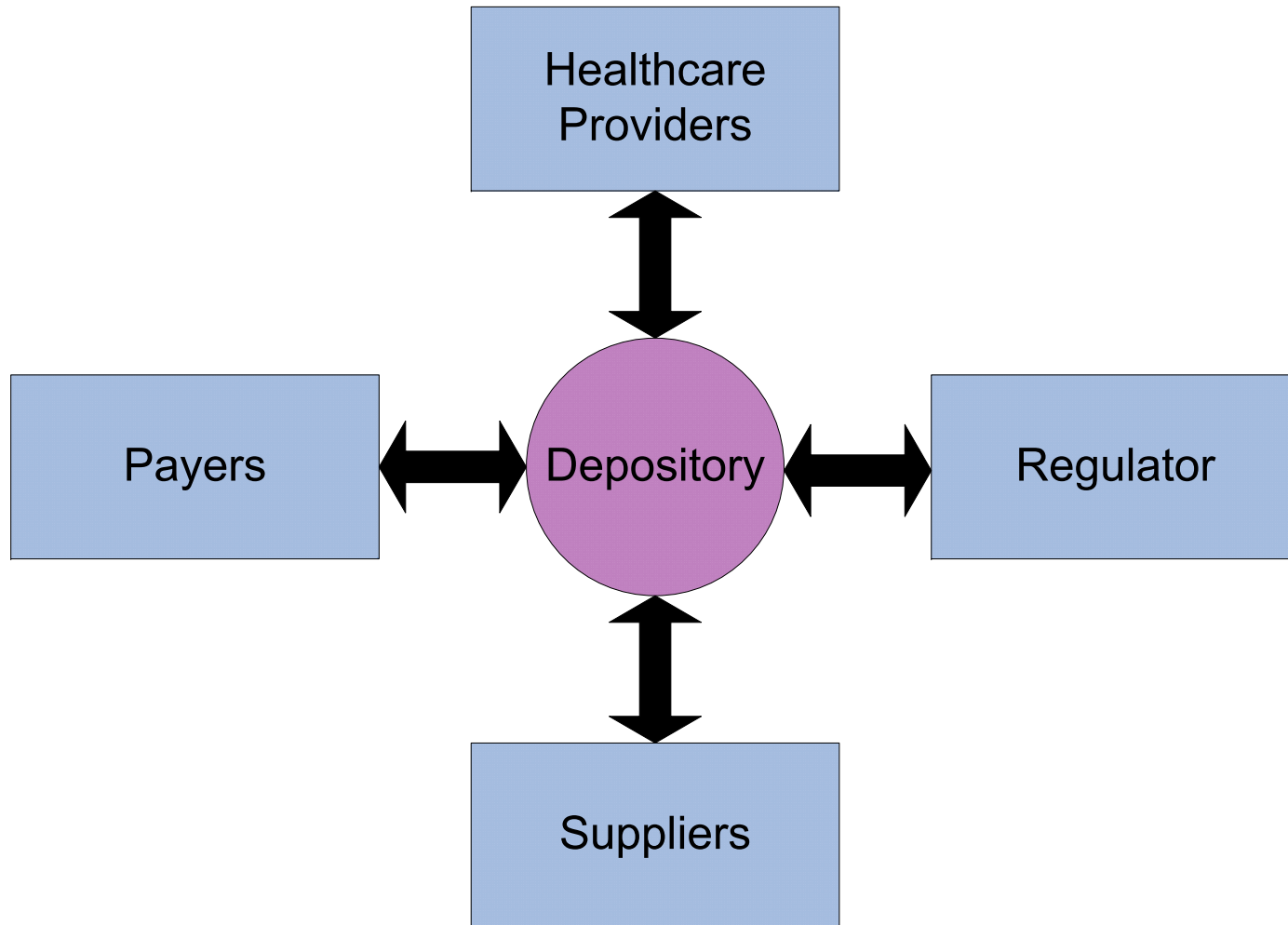
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ICD-10-AM National Committee



National Stakeholders





Roles of the ICD-10-AM Committee

An advisory board

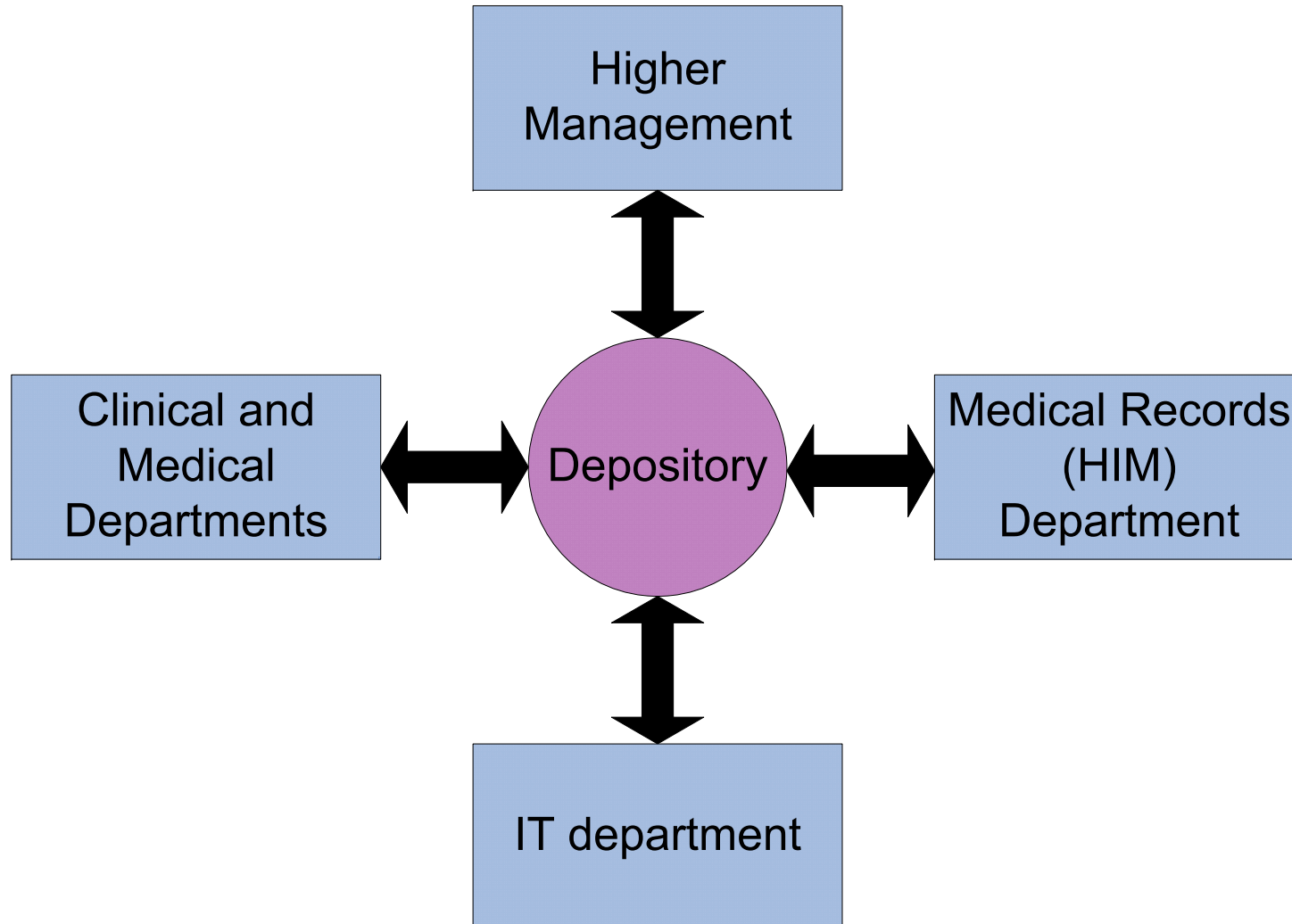
- Strategic implementation plan
- Guidance on planning, responsibility, and monitoring capacity
- Conduct an assessment of healthcare sector readiness (Public Organizations, Private Organizations, and Insurance Companies)



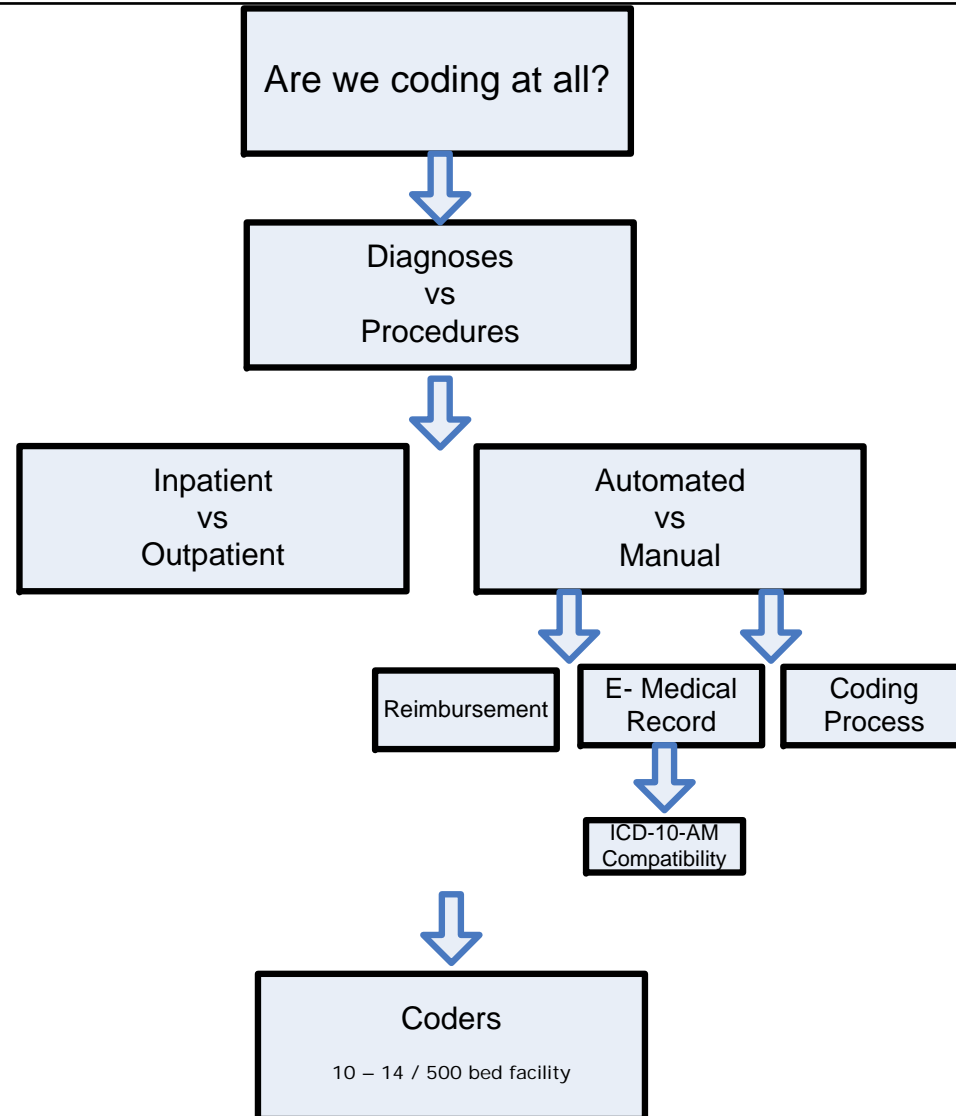
Training: Types and Agencies

- Under the umbrella of SAHI
- Training for coders
 - Transitional
 - Basic
 - Certificate HIMAA in collaboration with the NCCH ('Australian' National Centre for Classification in Health)

Organizational Stakeholders



Considerations for organizations





Coders and coding

- Backgrounds of coders: HIM (Bachelor or Associate), Nursing, and High School
- Coders: Certified or experienced (on job training)
- Coding workforce: Full time, part time, and casual



Thank You

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