Current utilization of e-labeling at the NCC Hospital and expectation on e-labeling from HCP's point of view in Japan

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for APAC11 presentation

Agenda

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- Status of Utilization of e-labeling
- Channels for Obtaining Drug Information
- Future Issues
- In Closing

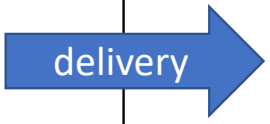
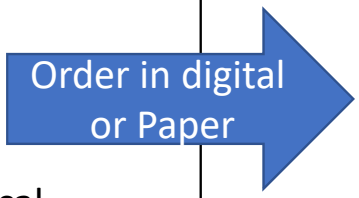
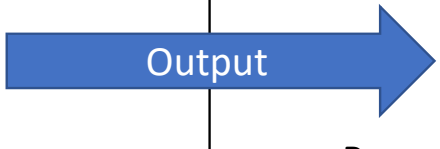
Where is e-labeling used?

- Hospital Use
  - Electronic Medical Records
  - Pharmaceutical department systems
- Non-Hospital Use
  - Local pharmacies
  - Pharmaceutical database company
  - Distributor
  - Universities, research institutions, etc.

What information does the hospital use?

- Labeling
- Appropriate use guide for Healthcare Providers
- Materials for Patients
- Materials provided by pharmaceutical companies
- Drug information database
  - Drug information databases maintained by database companies

Where to use medical care and labeling?

Situation	During medical care	Pharmacy department in hospital	at the time of giving medication
Role	Doctor	Pharmacist 	Patient
Environment	Electronic Medical Record 	Pharmaceutical Department system 	Prepared drugs nor information for Patients
Pharmaceutical Information	• Pharmaceutical information provided by database companies.	• Tenbun navi (e-labeling). • Pharmaceutical information provided by database companies.	• Pharmaceutical information form prepared by pharmacists • Patient materials in RMP • Patient materials not in RMP, etc.

Examples of use of labeling on Electronic Medical Record

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- Management of hospital-adopted pharmaceuticals
- Referring labeling
- Identification of drugs brought in
- Confirmation using patient information from EMR
  - Maximum dosage
  - Allergies
  - The number of days of administration

Examples of use of Drug information in the dept. system

- Referring labeling
- Verification of prescription information using patient information
  - Contraindication
  - Drug-Drug interaction
- Preparation of product information for patients

E-labeling are now commonly viewed via smartphone apps.

添付文書の電子化について | 独立行政法人 医薬品医療機器総合機構 (pmda.go.jp)
添付文書閲覧アプリ「添文ナビ」| 添付文書電子化とGS1標準のかかわり | ヘルスケア | 標準化活動 | GS1 Japan 一般財団法人流通システム開発センター (gs1jp.org)

Where are the Labeling from?

Situation	During medical care	Pharmacy department in hospital	at the time of giving medication
Role	Doctor	Pharmacist	Patient
Environment	EMR	Pharmaceutical Dept. system	Prepared drugs nor information for Patients

prescription

delivery

Output

Typically, Labeling is provided from database company.

Company A

Company B

Typically, it is provided with an explanation from the pharmacist.

Future Challenges

- Improved interoperability
  - Directly obtain Labeling online.
  - Use labeling delivered by regulatory authorities as real time as possible.
- Standardization
  - Improve usability and interoperability.

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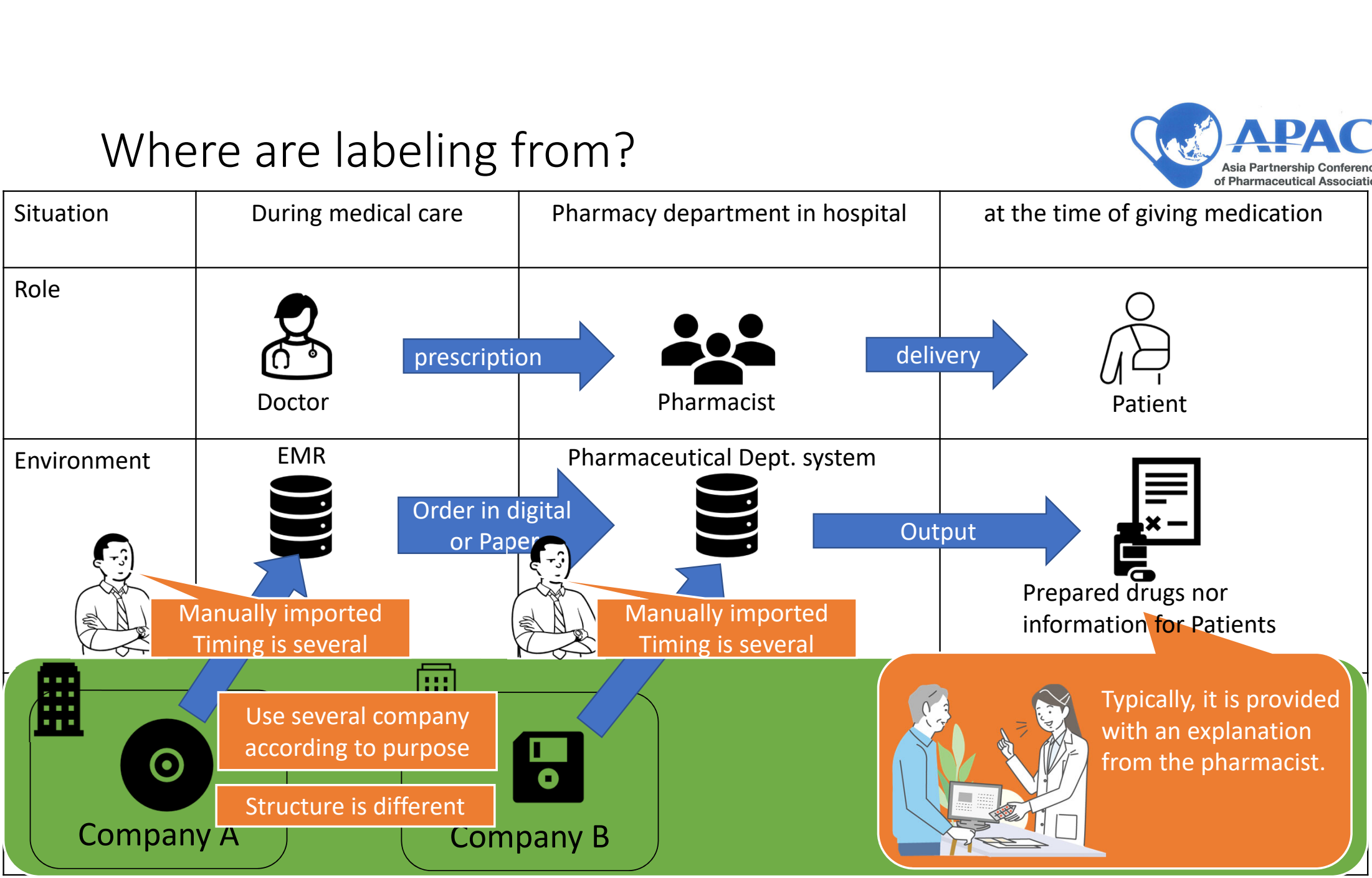

In future: Where are labeling from?

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Situation	During medical care	Pharma	ne of giving medication
Role		Pharmacist	Patient
Environ nt	EMR	Pharmaceutical Dept. system	Prepared drugs nor information Patients

Online and standardized, the latest information is automatically available. Also, standardized information can be obtained even if there are multiple suppliers of information.

When necessary, information can be provided directly to the patient to ensure patient safety.

on

delivery

Order in digital or Paper

tput

Automatically delivered
E-labeling provider(PMDA)
Drug information provider

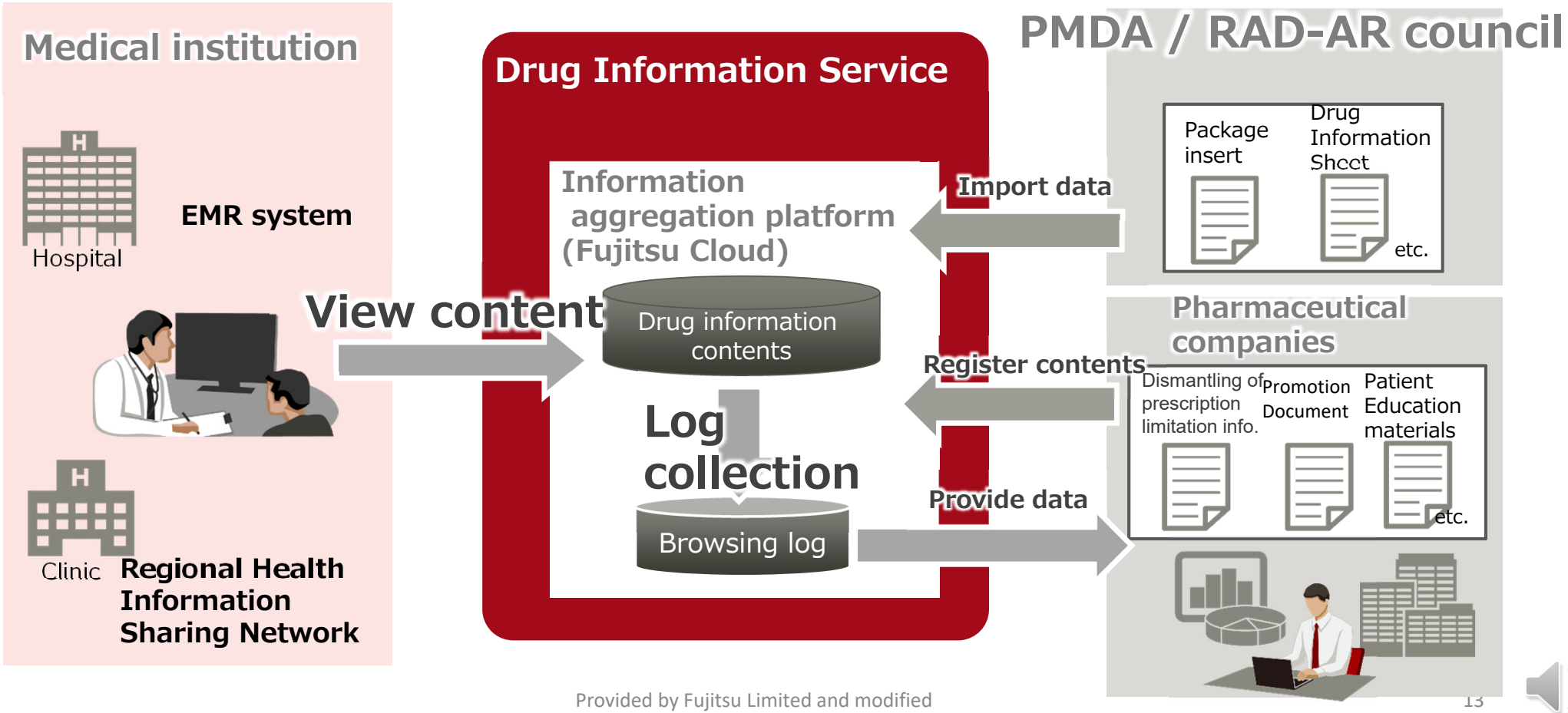
Comp

y B

Typically, it is provided with an explanation from the pharmacist.

Basic concept of “Drug Information Service” in Hospital

Enables healthcare professionals to access exact drug information quickly and accurately



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In close

- Labeling in hospitals is used for a variety of purposes.
- Labeling is obtained mainly from drug information database companies, but most of the accompanying documents are covered in the "Tenbun Navi".
- Future challenges are to improve interoperability and standardization