

The Compendium of Pharmaceutical Product: The Past the Present and the Future

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The Pharmaceutical Service of Department of Health

A Drug Record Keeper for 32 Years





The Past, the Present and the Future

- Register of Pharmaceutical Products
- Compendium of Pharmaceutical Products
- Electronic Health Record



Register of Pharmaceutical Products

- History
- Purposes
- Development
- Current status and outlook



History



Register of Pharmaceutical Products

History:

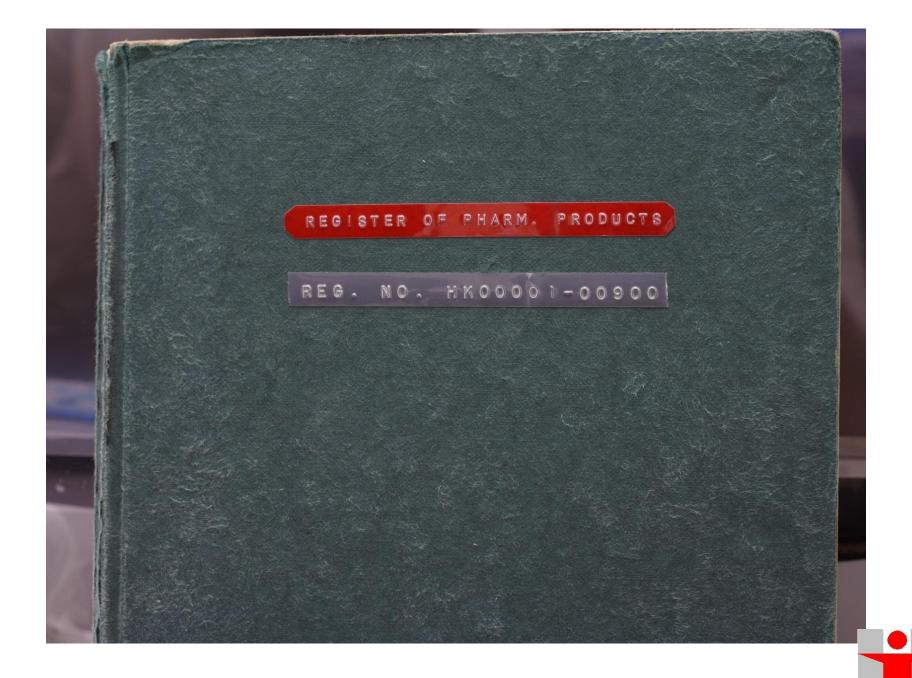
From 1978, all records of registered pharmaceutical products are kept in paper-based

Books of "Register of Pharm. Products" were kept over the years

- Book 1 HK00001-00900
- Book 2
- Book 3
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Date of Regionation	Registration No	File No.	Name and Address of Applicant	Name of Product		Certificate expired on	Notification sent on	Fee (Cert.)	Certificate and Product classification issued	Remark	Certificate renewed on
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4 Jul 1970			Ad. Htt 21A, Wat Wing Bid, Ridg, Kami Chung, Hk.	Root Pills.						28.6.1988	12.8.198
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JUL 1978	00009	PR 6/78		Au Kah Chuen		1 JUL 198	3		Part II 1	of 6.190	Renev

First Drug Registration

- HK00001
- Registration Date 14 July 1978
- Applicant Advance Pharmaceutical Corporation Limited
- Name of Product Dr. Morse's Indian Root Pills (for blood cleansing)

Information Kept in the Register

- date of registration
- HK registration number
- file number
- name and address of applicant*
- name of product*
- expiry date of certificate
- date of sending the notification
- date of fee (certificate) paid
- date of issue of certificate and product classification
- date of certificate renewal (*registrable particulars)



PURPOSES



PURPOSES

 a registry for all registered pharmaceutical products in Hong Kong

 for checking the registration status of the products, i.e. whether they are registered, renewed or cancelled

 a record on the progress of an application for registration of a product

Development



Pharmaceuticals Registration Database

From 1990's to 2002

- Simple Database on PC
- FoxPro
- Single terminal





From 1990s to 2002

Available information:

- Registration Date
- Product Registration No
- File Reference No
- Product Name*
- Registration Holder Name and Address*
- Manufacturer Name and Address*
- Pharmacological Classification
- Forensic Classification
- Payment Date of Certification
- Active Ingredients*
- Others* (preservatives and colourants)
 (* registrable particulars)



Current Status and Outlook



Pharmaceutical Registration System (PRS) 1.0



First Networked Drug Database of Pharmaceutical Service



Pharmaceuticals Registration System 1.0

- drug registration data is kept in electronic database
- linked to the Pharmaceuticals Registration System
- internal networked system
- support simple and multiple-criteria search



Pharmaceuticals Registration System 1.0

Data captured are enriched, including:

- Registration Date
- Product Registration No
- File Reference No
- Name of Product*
- Dosage Form*
- Certificate Holder Name and Address*
- Manufacturer Name and Address*
- Pharmacological Classification
- Legal Classification
- Payment Date of Certification
- Active Ingredients*
- Inactive ingredients* (preservatives & colourants)
 (* registrable particulars)



PRS 2.0 Possible Areas for Improvement





- Enhancement based on:
 - Review on drug registration requirements and evaluation processes
- To meet territory-wide eHR drug data-sharing requirements

To enable enriched medicines information search over internet





- Enhancement at data level, to add:
 - Brand (trade) name
 - Active ingredient (salt and/or base) + strength
 - Route of administration
 - Indication + common dosages
 - Pack Size Information
 - Images of Actual Sales Pack & Package
 Insert for therapeutic drugs



COMPENDIUMof Pharmaceutical Products



History

first published in 1995

published yearly

CD-Rom available in 2004

uploaded to internet website in 2005



Information included in the Compendium:

HK registration no.
Product Name*
Active Ingredient(s)*
(* registrable particulars)



Purposes of the Compendium

For use by:

- public
- healthcare professionals
- traders

- availability of a registered product in HK
- active ingredient(s) of the product







COMPENDIUM
OF
PHARMACEUTICAL
PRODUCTS
2009

VOL. I

A TO K

WOL. I (A TO K) and VOL. II (L TO Z)
Pharmaceutical Service
Department of Health
COMPENDIUM OF PHARMACEUTICAL PRODUCTS
2009

COMPENDIUM
OF
PHARMACEUTICAL
PRODUCTS
2009

VOL. II

LTOZ

Pharmaceutical Service Department of Health Hong Kong Pharmaceutical Service Department of Health Hong Kong

Product Name	Active Ingredients	Permit No.
ACADEM EMULSION 25% EXTERNAL	BENZYL BENZOATE	HK-24464
ACADIN TAB 250MG	CLARITHROMYCIN	HK-53106
ACARBAY TAB 100MG	ACARBOSE	HK-56228
ACARBAY TAB 50MG	ACARBOSE	HK-56229
ACARBAY-100 TAB 100MG	ACARBOSE	HK-53928
ACAROSE TAB 50MG	ACARBOSE	HK-57616
ACB POLIBAR POWDER 93%	BARIUM, DIMETHICONE	HK-19226
ACCOLATE 20MG TAB	ZAFIRLUKAST	HK-43720
ACCULOL EYE DROPS 0.5%	BETAXOLOL	HK-51670
ACCUPRIL TAB 10MG	QUINAPRIL	HK-32539
ACCUPRIL TAB 5MG	QUINAPRIL	HK-32540
ACCURE CREAM	DIPHENHYDRAMINE, TRIAMCINOLONE, NEOMYCIN, MICONAZOLE	HK-52824
ACEDOL SYRUP 250MG/5ML	PARACETAMOL	HK-39281
ACEMET CAP 60MG	ACEMETACIN	HK-52308
ACEMET RETARD CAP 90MG	ACEMETACIN	HK-55919
ACEMYCIN INJ 250MG/ML	AMIKACIN	HK-34615
ACEOMEL TAB 12.5MG	CAPTOPRIL	HK-43674
ACEOMEL TAB 25MG	CAPTOPRIL	HK-43675
ACEOMEL TAB 50MG	CAPTOPRIL	HK-43676
ACEPHEN TAB 300MG	PARACETAMOL	HK-38754
ACEPRIN TAB 100MG	ASPIRIN	HK-57543
ACERECUR POWDER	SALICYLIC ACID, BORIC ACID, RESORCINOL, TANNIC ACID	HK-43936
*CEREDERM POWDER	SALICYLIC ACID, BORIC ACID, RESORCINOL, TANNIC ACID	HK-42823
ACERTIL AR TAB 10MG	PERINDOPRIL	HK-57451
ACERTIL AR TAB 5MG	PERINDOPRIL	HK-57450



Electronic Health Record



Electronic Health Record

bring the Compendium to a higher level

integrate with the electronic health record

 provide additional drug information for healthcare providers to support continuous healthcare delivery

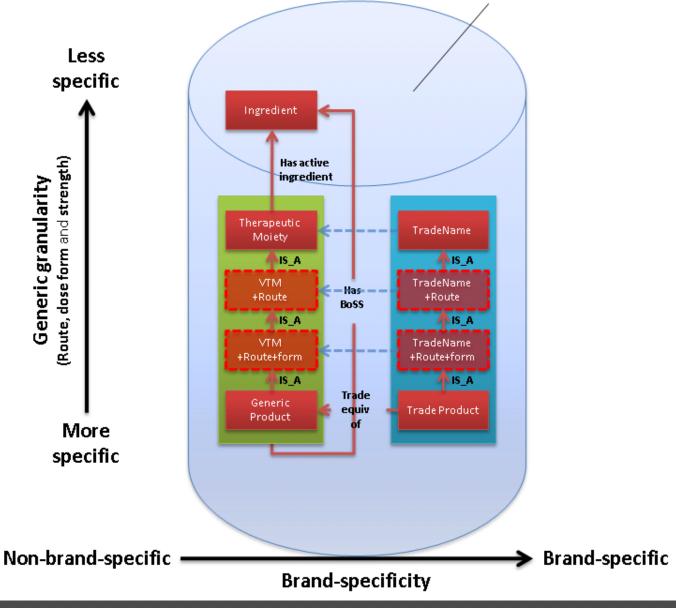


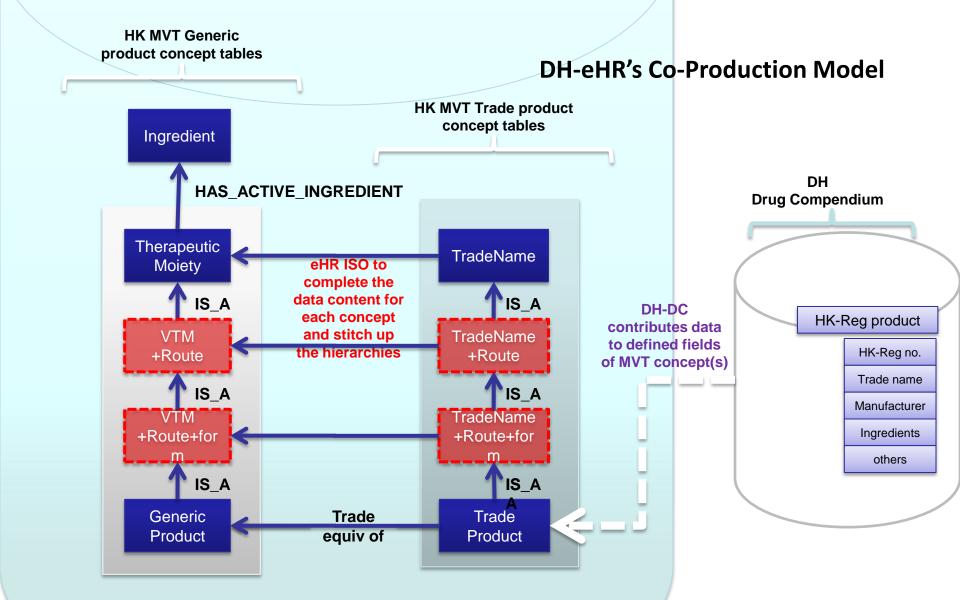
Concept of MVT "Medication Vocabulary Table"



Local Interoperability

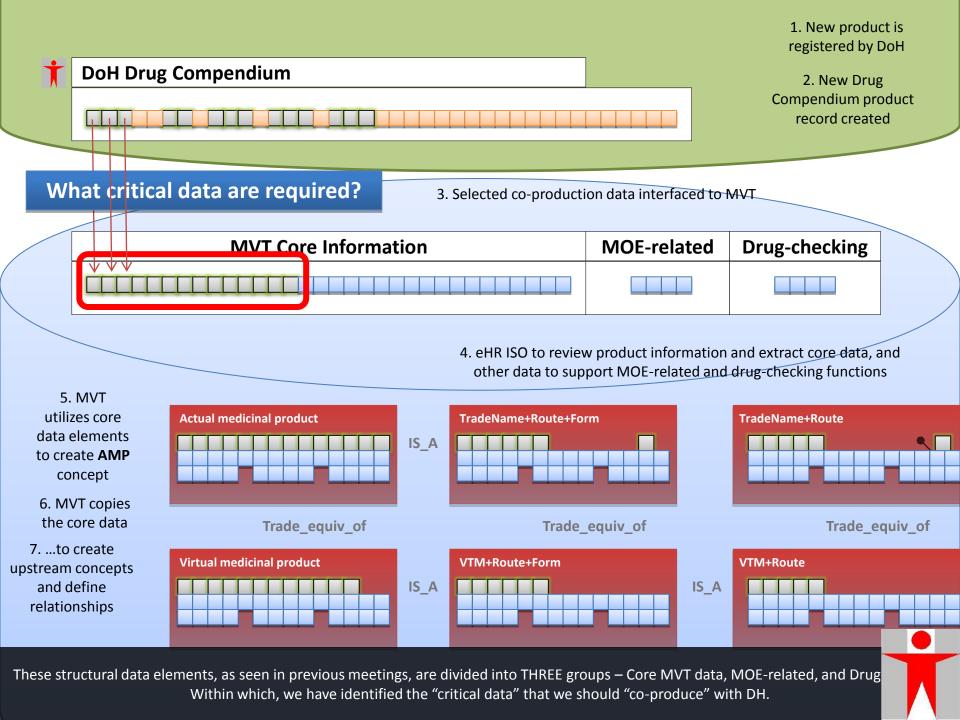
Medication Vocabulary Table











Critical Data Elements for : Building the MVT



Critical Data Elements of MVT and Registration Particulars of Pharmaceutical Product



Critical Data Elements

- 1. HK Registration Number
- Name of Product*
- 3. Trade Name
- 4. Route of Administration*

 a.single route of administration
 b.multiple routes
 e.g. infusion/injection, eye/ear
- 5. Dose Form*(* registrable particulars)



Critical Data Elements

- 6. Active Ingredient(s)*
 - a. Single Ingredient
 - b. Multiple Ingredients
- 7. Strength(s) of Active Ingredient(s)*
- 8. Legal Classification
- 9. Manufacturer Name and Address*
- 10. Package Insert Information*(* registrable particulars)



MVT
Critical Data =
Elements

Registration Particulars for Pharmaceutical Products



Usage of MVT



Essential for:

Prescribing & Dispensing

- Allergy Checking

- Drug-drug interaction checking



Working on:

- build up critical data elements
- verify data
- fine-tune user requirements
- enable and enhance the value of eHR



Thank You!

