

# “Role Based Access Control in eHealth”

17 November 2025

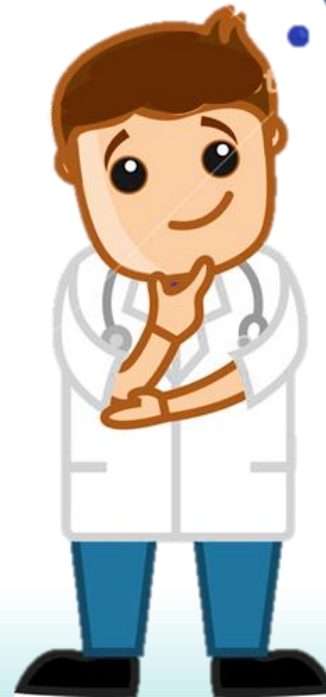


**What procedures did  
my patient receive  
before?**

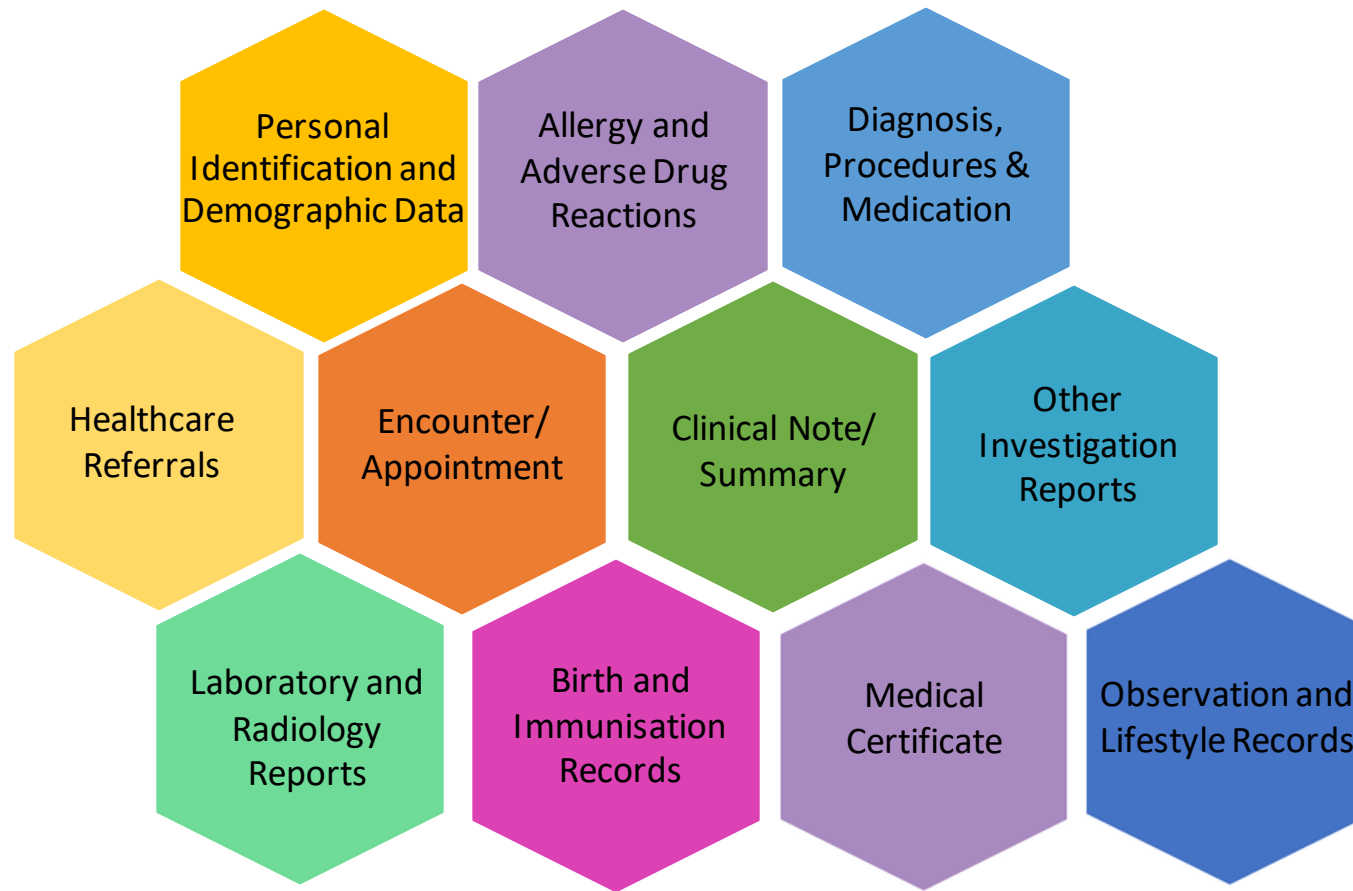
**Any allergy history  
of my patient?**

**What is the next follow  
up appointment of my  
patient?**

**What was the diagnosis  
of my patient?**



# Scope of eHealth Sharable Data





*\*Patient can upload immunization records, medical certificates and observation data such as BP/P, blood glucose, BMI to eHealth via eHealth App.*

# Protecting Security and Privacy of Personal Data in eHealth




 **Personal Data (Privacy) Ordinance (Cap 486) (PDPO)**

 **Electronic Health System Ordinance**

 **Code of Practice for Using Electronic Health Record for Healthcare (COP)**

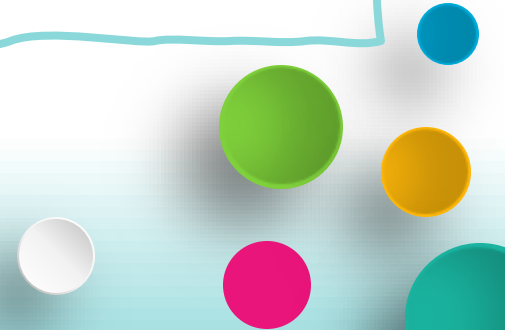
 **Stringent Technical Requirements**

-  • Obtain consent from HCR  
• Need-to-know” & “Patient-Under-Care”

 **Role-based Access Control**

## Guiding Principles in defining RBAC Access Matrix

- Different authorised HCProfs have **different levels of access** to data and functions
- Pre-defined differentiated access rights are set in accordance with the **clinical needs** or **functions** of different HCProfs
- Access the parts of the eHR only **relevant to their professional service** under the “**need-to-know**” principle



# Enable Access by Stages

Stage 1

1. Doctors
2. Dentists
3. Nurses (Midwives)
4. Pharmacists
5. Optometrists
6. Physiotherapist
7. Occupational therapist
8. Laboratory Technicians
9. Radiographers

2

10. Chinese Medicine Practitioner

3

11. Chiropractor
12. Dental Hygienist

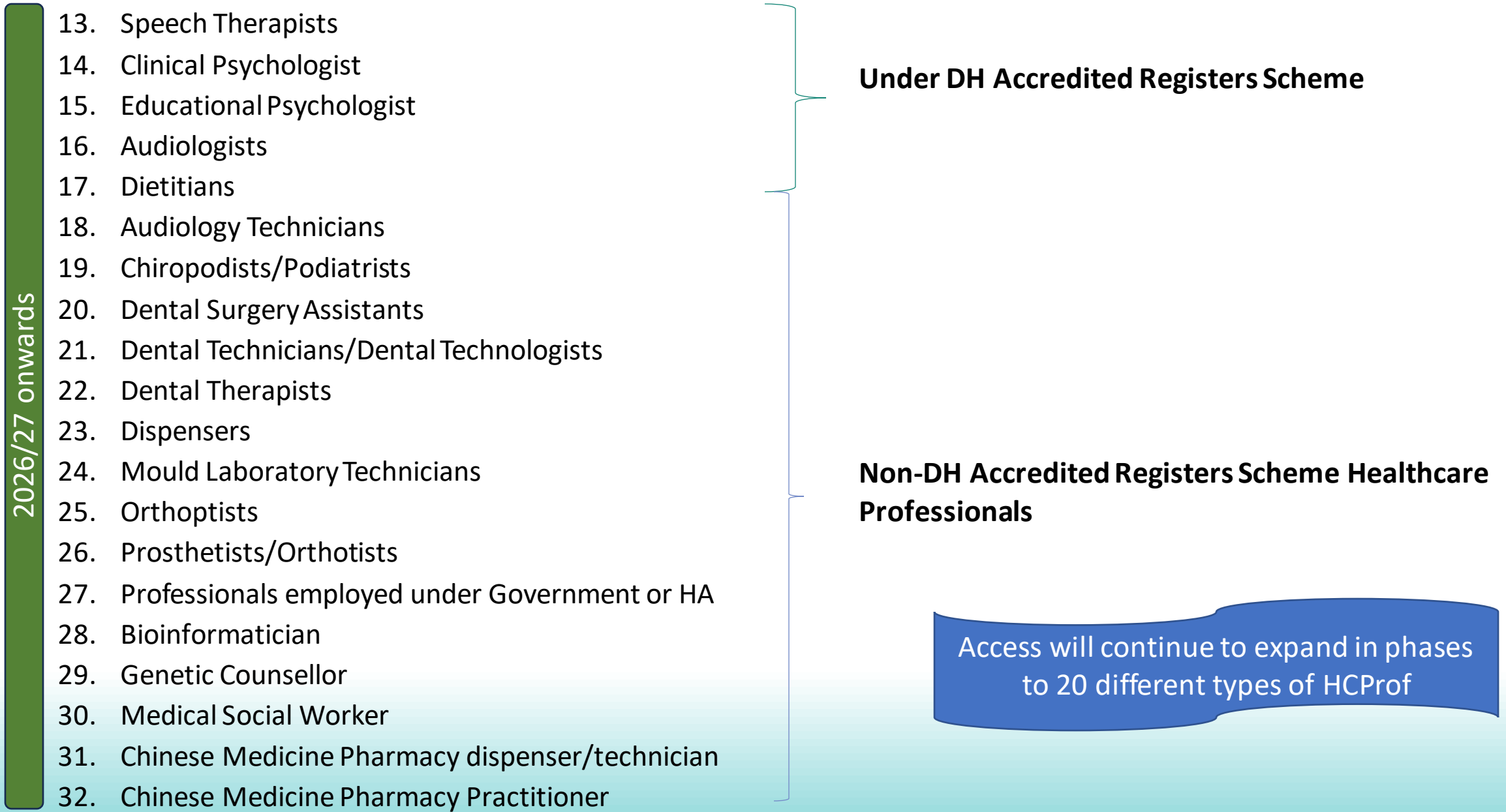
6 HCPs Community access enabled in 3Q 2019

Access enabled in Mar 2022

Access to eHealth was enabled starting from **31 Oct 2025**



# Way Forward after 1 Dec 2025 Cap 625 Law Amendment



# Access to the eHealth





# Login and Select Patient

醫健通  
eHealth

香港特別行政區政府 HKSARGOVT

## 重要提示

1. 所有病人的資料都必須嚴格保密
2. 只可在提供醫護服務及有需要時取覽病人的資料
3. 每次的取覽均會被記錄
4. 切勿與其他人士共用你的帳戶/保安編碼器
5. 請定期更改密碼

[收集個人資料聲明](#)

[私隱政策聲明](#)

[定期系統提升時間表](#)

## Electronic Health Record Sharing System 電子健康紀錄互通系統

Healthcare Services Location 醫護服務地點 ⓘ  
VIRTUAL UNIT A (HSL ID:7999503147)

User Name  
用戶名稱



Or you may



Continue with IAM Smart



Login with eHealth Pro

[More Info](#)

[More Info](#)

## Important Reminder

1. All patient information is strictly confidential
2. Only access patient data for providing healthcare
3. All access is logged
4. Do not share your account / token
5. Please change your password regularly

[Personal Information Collection Statement](#)

[Privacy Policy Statement](#)

[Regular System Maintenance Schedule](#)

## Patient Selection Panel

Fill in **ONE** of the following items

☐ ID Doc Type  ▼

ID Doc No.

☒ eHR No.


☐ Smart ID

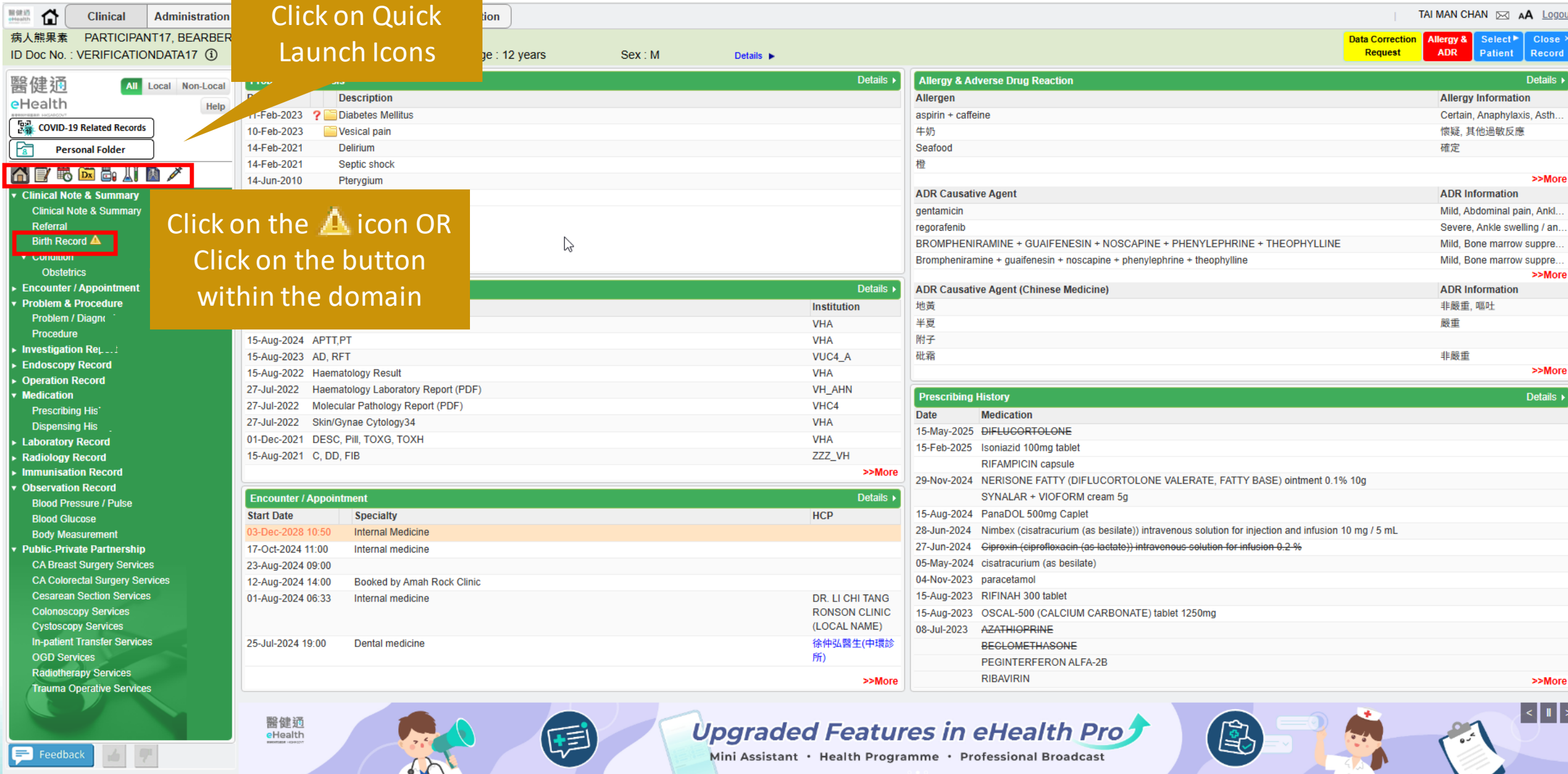
Submit

Cancel

# Workflow on Access to eHealth Viewer

Click on Quick Launch Icons

Click on the  icon OR  
Click on the button within the domain



The screenshot displays the eHealth Viewer interface. The top navigation bar includes 'Clinical' and 'Administration' tabs. The main content area is divided into several sections:

- Left Sidebar:** Contains a 'Quick Launch' section with icons for 'COVID-19 Related Records' and 'Personal Folder'. Below this is a 'Clinical Note & Summary' section with a 'Birth Record' button highlighted by a red box.
- Top Right:** Displays user information 'TAI MAN CHAN' and a 'Logout' button.
- Main Content Area:**
  - Header:** Shows patient information: '病人熊果素 PARTICIPANT17, BEARBER', 'ID Doc No.: VERIFICATIONDATA17', 'Age: 12 years', and 'Sex: M'.
  - Table 1 (Allergy & Adverse Drug Reaction):**

Allergen	Allergy Information
aspirin + caffeine	Certain, Anaphylaxis, Asth...
牛奶	懷疑, 其他過敏反應
Seafood	確定
橙	
  - Table 2 (ADR Causative Agent):**

ADR Causative Agent	ADR Information
gentamicin	Mild, Abdominal pain, Ankl...
regorafenib	Severe, Ankle swelling / an...
BROMPHENIRAMINE + GUAIFENESIN + NOSCAPINE + PHENYLEPHRINE + THEOPHYLLINE	Mild, Bone marrow suppre...
Brompheniramine + guaifenesin + noscapine + phenylephrine + theophylline	Mild, Bone marrow suppre...
  - Table 3 (ADR Causative Agent (Chinese Medicine)):**

ADR Causative Agent (Chinese Medicine)	ADR Information
地黃	非嚴重, 嘔吐
半夏	嚴重
附子	
砒霜	非嚴重
  - Table 4 (Prescribing History):**

Date	Medication
15-May-2025	BIFLUCORTOLONE
15-Feb-2025	Isoniazid 100mg tablet
	RIFAMPICIN capsule
29-Nov-2024	NERISONE FATTY (DIFLUCORTOLONE VALERATE, FATTY BASE) ointment 0.1% 10g
	SYNALAR + VIOFORM cream 5g
15-Aug-2024	PanaDOL 500mg Caplet
28-Jun-2024	Nimbex (cisatracurium (as besilate)) intravenous solution for injection and infusion 10 mg / 5 mL
27-Jun-2024	Ciproxin (ciprofloxacin (as lactate)) intravenous solution for infusion 0.2%
05-May-2024	cisatracurium (as besilate)
04-Nov-2023	paracetamol
15-Aug-2023	RIFINAH 300 tablet
15-Aug-2023	OSCAL-500 (CALCIUM CARBONATE) tablet 1250mg
08-Jul-2023	AZATHIOPRINE
	BEGLOMETHASONE
	PEGINTERFERON ALFA-2B
	RIBAVIRIN
  - Table 5 (Encounter / Appointment):**

Start Date	Specialty	HCP
03-Dec-2028 10:50	Internal Medicine	
17-Oct-2024 11:00	Internal medicine	
23-Aug-2024 09:00		
12-Aug-2024 14:00	Booked by Amah Rock Clinic	
01-Aug-2024 06:33	Internal medicine	DR. LI CHI TANG RONSON CLINIC (LOCAL NAME) 徐仲弘醫生(中環診所)
25-Jul-2024 19:00	Dental medicine	

Upgraded Features in eHealth Pro  
Mini Assistant • Health Programme • Professional Broadcast

# “Restricted Access” pop up box would appear

**Select the clinical data type(s) that you would like to access**

**Provide supporting reason(s)**

**E.g. To review birth record before physical examination**

**Click Confirm**

**Are you experiencing difficulties in accessing eHealth Records?** [Click here!](#)

**Restricted Access**

You are requesting to access [Restricted Data](#) according to your healthcare professional role.  
Please indicate which restricted data category(-ies) you wish to access and provide supporting reason(s).  
*[Please note that all access to restricted data will be logged and subject to audit]*

Select one or more of the following clinical data type(s):

**Western Medicine:**

☒ Birth Record

Supporting reason(s):

Confirm Cancel

**Encounter / Appointment**

Start Date	Specialty
03-Dec-2028 10:50	Internal Medicine
17-Oct-2024 11:00	Internal medicine
23-Aug-2024 09:00	
12-Aug-2024 14:00	Booked by Amah Rock Clinic
01-Aug-2024 06:33	Internal medicine
25-Jul-2024 19:00	Dental medicine

**Medication**

Date	Medication
15-Feb-2025	Isoniazid 100mg tablet
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May-2024	cisatracurium (as besilate)
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	BECLOMETHASONE
	PEGINTERFERON ALFA-2B
	RIBAVIRIN

**Public-Private Partnership**

- CA Breast Surgery Services
- CA Colorectal Surgery Services
- Cesarean Section Services
- Colonoscopy Services
- Cystoscopy Services
- In-patient Transfer Services
- OGD Services
- Radiotherapy Services
- Trauma Operative Services

# Workflow on Access to eHealth Viewer

醫健通  
eHealth

COVID-19 Related Records

Personal Folder

Clinical Note & Summary

Clinical N & Summary Referral

Birth Record

Condition

Obstetrics

Encounter / Appointment

Problem & Procedure

Problem / Diagnosis

Procedure

Investigation Request

Endoscopy Record

Operation Record

Medication

Prescribing History

Dispensing History

Laboratory Record

Radiology Record

Immunisation Record

Observation Record

Blood Pressure / Pulse

Blood Glucose

Body Measurement

Public-Private Partnership

CA Breast Surgery Services

CA Colorectal Surgery Services

Cesarean Section Services

Colonoscopy Services

Cystoscopy Services

In-patient Transfer Services

OGD Services

Radiotherapy Services

Trauma Operative Services

病人熊果素 PARTICIPANT17, BEARBERRY

ID Doc No. : VERIFICATIONDATA17 ⓘ

DOB : 26-Mar-2013

Age : 12 years

Sex : M

Details ▶

Data Correction Request

Allergy & ADR

Select Patient

Close

Problem / Diagnosis

Details ▶

Date	Description
11-Feb-2023	Diabetes Mellitus
10-Feb-2023	Vesical pain
14-Feb-2021	Delirium
14-Feb-2021	Septic shock
14-Jun-2010	Pterygium
11-Mar-2005	Vesical pain

Allergy & Adverse Drug Reaction

Details ▶

Allergen	Allergy Information
aspirin + caffeine	Certain, Anaphylaxis, Asth...
牛奶	懷疑, 其他過敏反應
Seafood	確定
橙	

>>More

ADR Causative Agent	ADR Information
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regorafenib	Severe, Ankle swelling / an...
BROMPHENIRAMINE + GUAIFENESIN + NOSCAPINE + PHENYLEPHRINE + THEOPHYLLINE	Mild, Bone marrow suppre...
Brompheniramine + guaifenesin + noscapine + phenylephrine + theophylline	Mild, Bone marrow suppre...

>>More

ADR Causative Agent (Chinese Medicine)	ADR Information
地黃	非嚴重, 嘔吐
半夏	嚴重
附子	
砒霜	非嚴重

>>More

Prescribing History

Details ▶

Date	Medication
15-May-2025	DIFLUCORTOLONE
15-Feb-2025	Isoniazid 100mg tablet RIFAMPICIN capsule
29-Nov-2024	NERISONE FATTY (DIFLUCORTOLONE VALERATE, FATTY BASE) ointment 0.1% 10g SYNALAR + VIOFORM cream 5g
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>>More

Encounter / Appointment

Details ▶

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25-Jul-2024 19:00	Dental medicine	徐仲弘醫生(中環診所)

>>More

Feedback

Are you experiencing difficulties in accessing eHealth Records?

Click here!

# OTP for granting access to restricted domain (Community-based)

Restricted Access

I have obtained consent and explained the reason(s) for accessing the restricted eHealth Record(s) to:

☐ Patient

Consent Means: ☐ Smart ID Card ☐ One-Time Password

☒ Substitute Decision Maker, as patient is incapable of giving consent

Consent Means: One-Time Password

*Please note that patient will receive a SMS or email notification when you request to access the restricted data and all access will be logged and subject to audit*

Select one or more of the following clinical data type(s) you wish to access:

Western Medicine:

☐ Birth Record

Supporting reason(s) for access:

One-Time Password

One-Time Password has been sent to email  
**ehrepp001@ha.org.hk**?

One-Time Password: FMEN-

Send

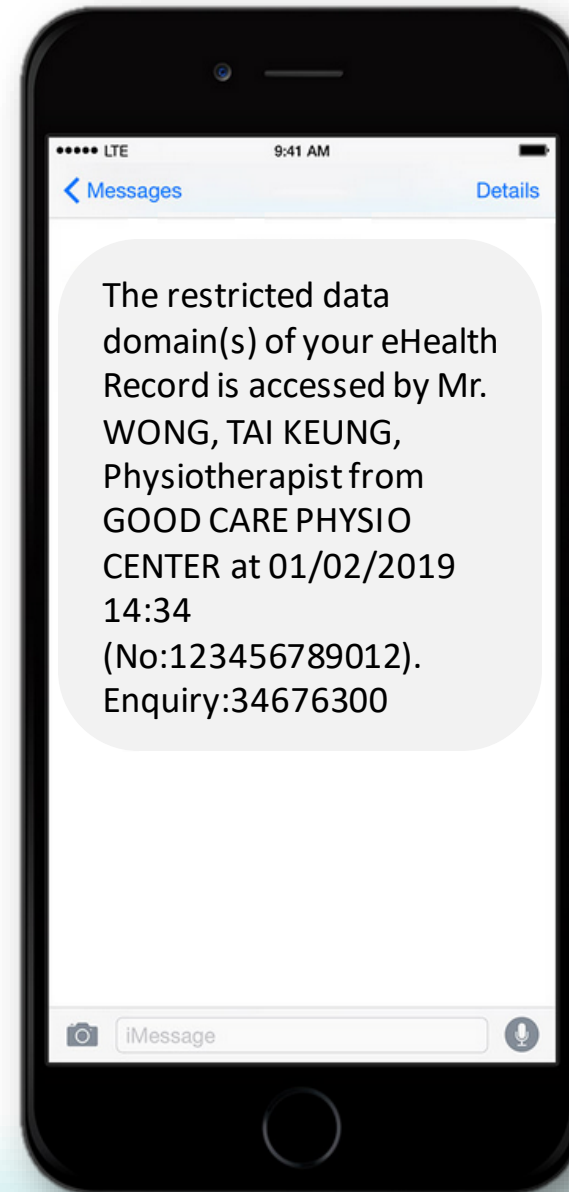
Proceed

Cancel

Confirm

Cancel

# Additional Notification for Restricted Access (Community-based)

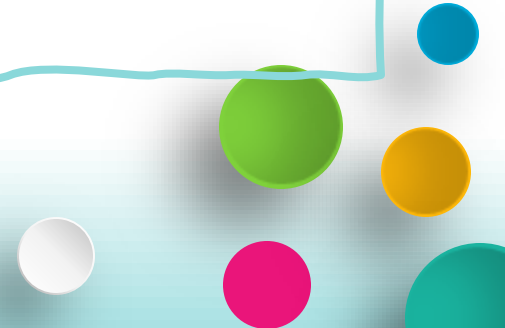


# Points to Note for HCPProf. Using eHealth



- Before accessing eHealth
  - ✓ Ensure the access is authorised
  - ✓ Make reasonable judgement on clinical ground whether and how much information should be accessed
  - ✓ “Need-to-know” & “Patient-under-care” principles
- When viewing eHealth
  - ✓ Interpret information with care
  - ✓ Explain any information accessed via eHealth to HCR
- Respect confidentiality of health information
- eHealth webpage

READ MORE



Thank you

