





# **DHC IT System**

Date: 7 September 2019

Time: 4:30-5:15pm

**Venue: Kwai Tsing DHC Core Centre** 

(Level 30, Tower B, Kowloon Commerce Centre, No. 51 Kwai Cheong Road, Kwai Chung, New Territories)







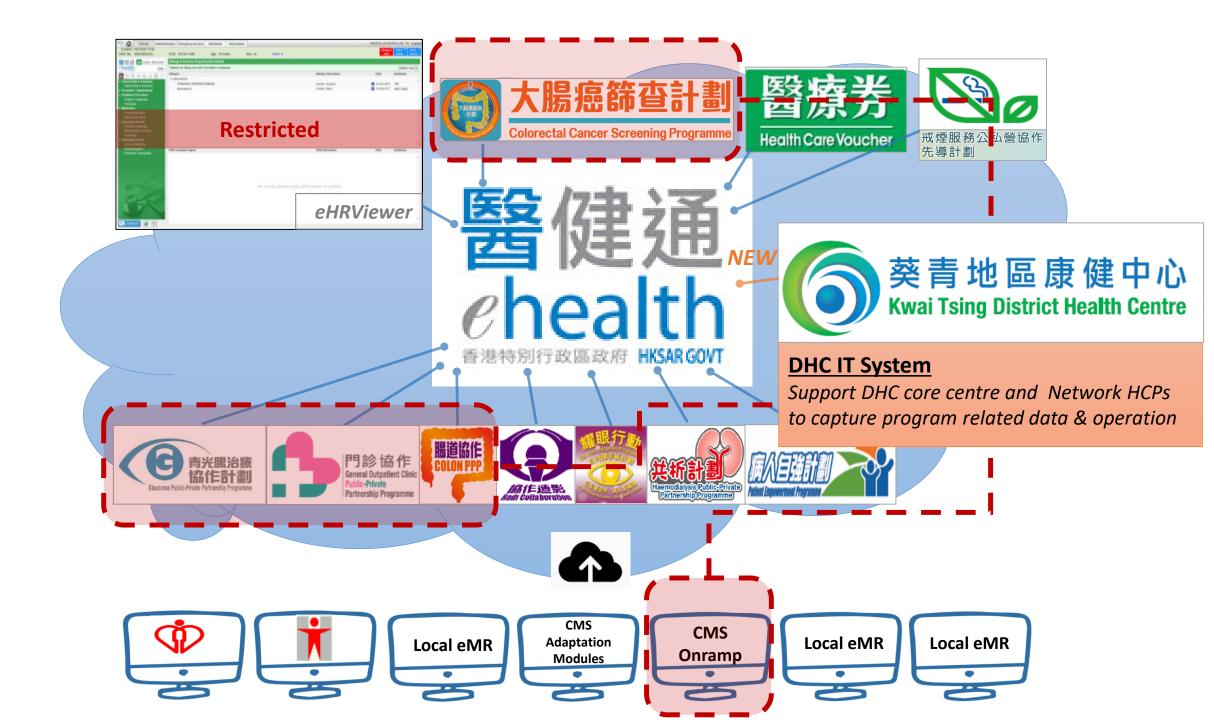






# **DHC Induction Course (Session 2)**

Time	Topics	Speakers
14:00 – 14:30	Introduction of DHC Scheme	Mr Jimmy WU
14:30 – 16:15	Service guideline and client journey	Dr Wanmie LEUNG DHC Operator
16:15 – 16:30	Break	
16:30 – 17:15	DHC IT system	Ms Connie LAU
17:15– 18:00	Updates on eHRSS	Mr Paul LAM



# DHC Operation



**Participants** 

**Diabetes Mellitus** Screening/Management Programme

**Hypertension** 

Screening/Management Programme

Low Back Pain Programme

Osteoarthritic Knee Pain Programme

Fracture Hip Rehabilitation Programme

Stroke Rehabilitation Programme

Cardiac Rehabilitation Programme

> Healthcare professional services

7 DCIAL WORK

Social Worker

**Pharmacist** 

Physiotherapist

Optometrist

Chinese Medicine Practitioner

Nurse

Dietitian

Occupational

Therapist

Speech

therapist

**Podiatrist** 





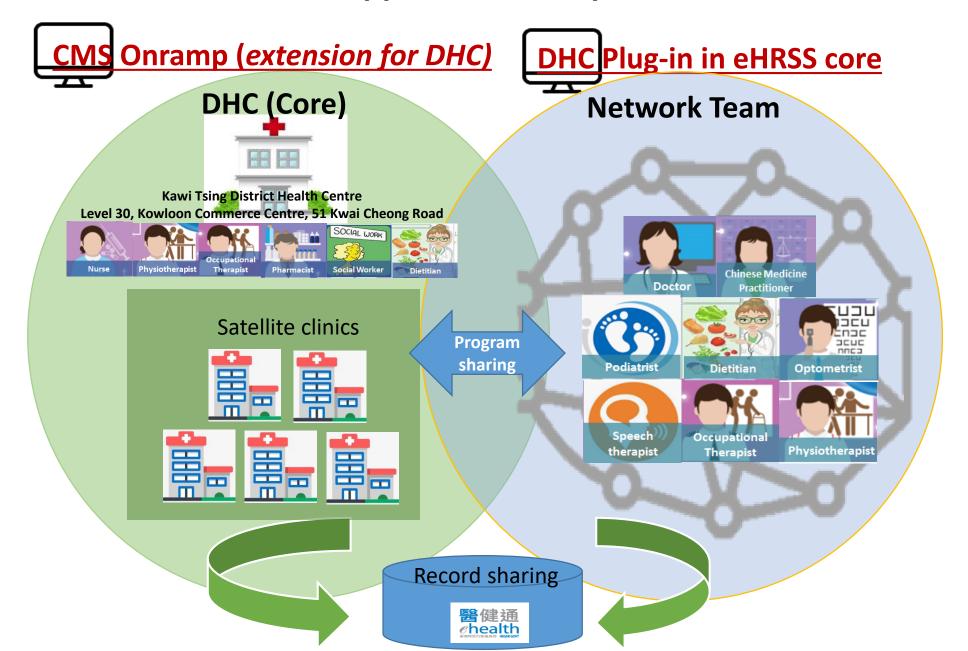
**Clinical Notes** 

Kwai Tsing District Health Centre

**DHC Scheme** 

**Programmes** 

# **IT support to DHC Operation**



# **DHC IT System features highlights**

# suppor U



Clients

Kwai Tsing District Health Centre

# **DHC Scheme Registration**

- Integration of eHRSS
  Registration
- Eligibility Checking
- MSW waiver checking

Screening/Management Programme

Hypertension Screening/Management Programme

#### Low Back Pair

# **Program Operation**

- Enrollment
  Risk Factor and
  program linkage
- Appointment booking
- Class booking
- Service assignment and allocation
- eHRSS sharing consent with network service providers
- Combined program handling
- Program reenrollment checking
- Quota balance and control

#### Consultation

Nurse

- Structured clinical documentation for different HC Prof
- Order Lab test

SOCIAL WORK

Social Worker

- Referral
- **Smart ID attendance**
- Claim submission

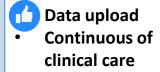


Healthcare professional services





# Data sharing



# Others

- Management reporting
- Submitted claim review
- Support interfacing with IoT

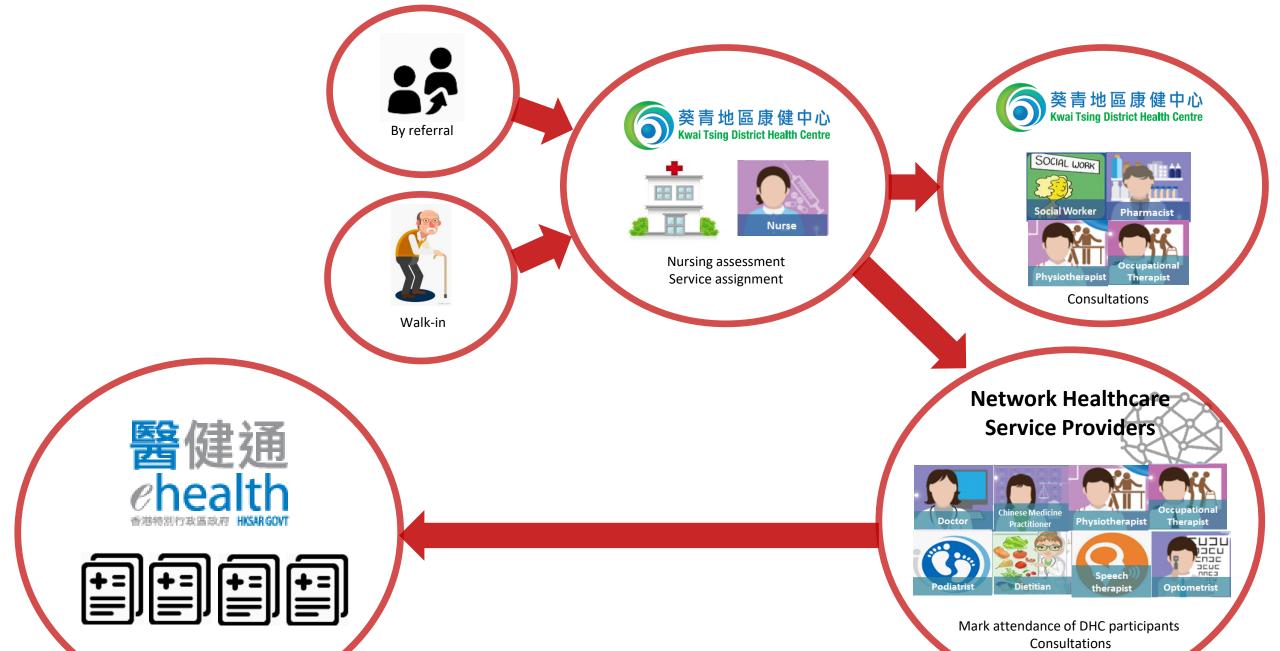
DHC Scheme

**Programmes** 

**Clinical Notes** 

# Illustration on IT system features for Network Team

- Smart ID attendance
- Structured clinical documentation for different healthcare professionals
- Claim submission

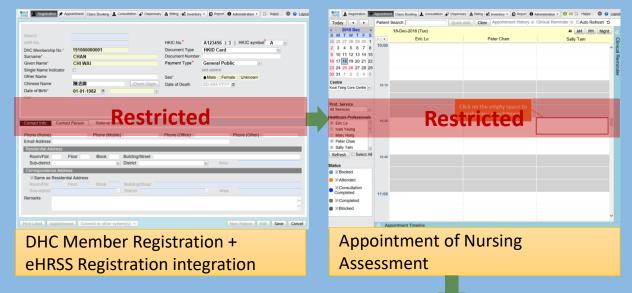




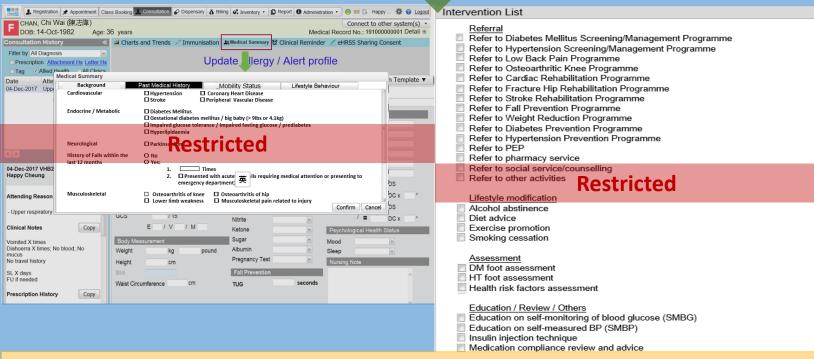




Nursing assessment Service assignment



Health Risk Factors Assessment/clinical documentation



DHC programmes and their service quotas per year	Diabetes Mellitus		Hypertension						
	Screening/M anagement Programme	Management for known case	Screening/M anagement Programme	Management for known case	Low Back Pain Programme	Osteoarthritic Knee Pain Programme	Fracture Hip Rehabilitation Programme	Stroke Rehabilitation Programme	Cardiac Rehabilitation Programme
Medical consultation	2	1	2	1					
Laboratory test	1	1	1	1					
Individualized healthcare professional service quota	6	4	4	4	8	12	8	11	8
Physiotherapy Service	✓		✓		✓	✓	✓	✓	✓
Occupational Therapy Service	✓		✓		✓	✓	✓	✓	✓
Dietetic Service	٧	/	•	/	✓	✓	✓	✓	✓
Speech Therapy Service								✓	
Chinese Medicine Service					✓	✓		✓	
Optometry Service	٧	/	٧	/					
Podiatry Service	٧	/	٧	/					
Nurse Counselling/ Coordination	٧	/	٧	/	✓	✓	✓	✓	<b>√</b>
Drug Review and Counselling by Pharmacist	✓		✓		✓	✓	✓	✓	✓
Community Resource Support/Counselling by Social Worker	v		•		✓	✓	✓	<b>✓</b>	<b>✓</b>







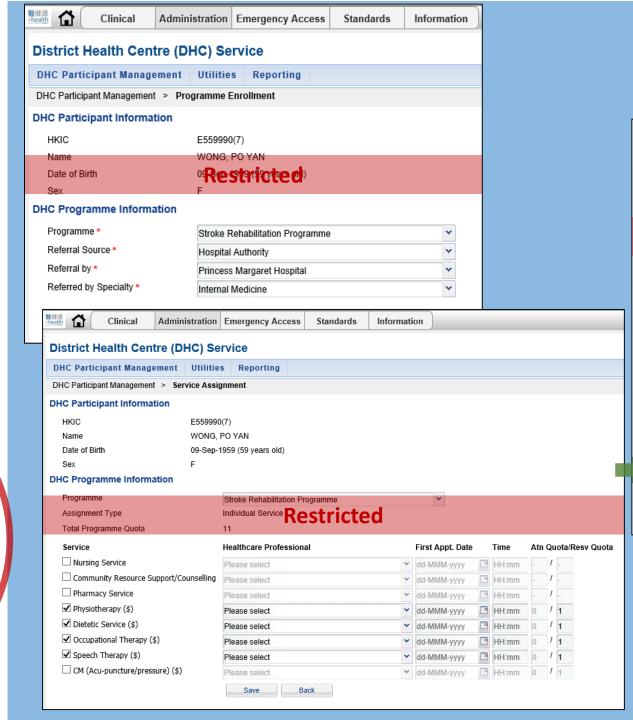
Nursing assessment Service assignment



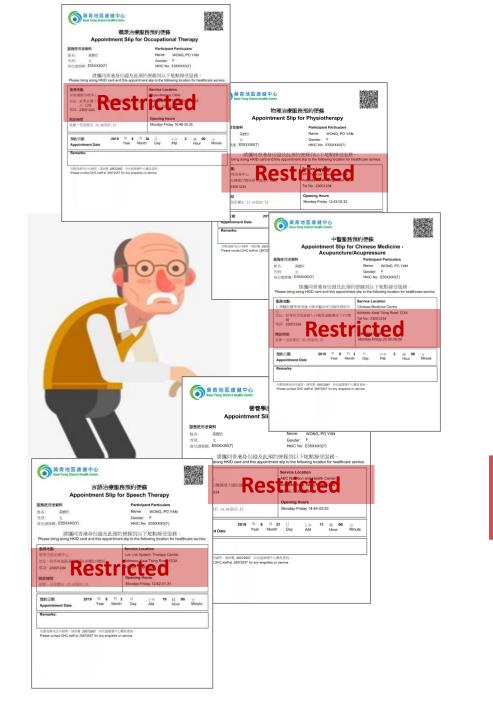
# Network Healthcare Service Providers



Optometrist









Network
Healthcare Service Providers



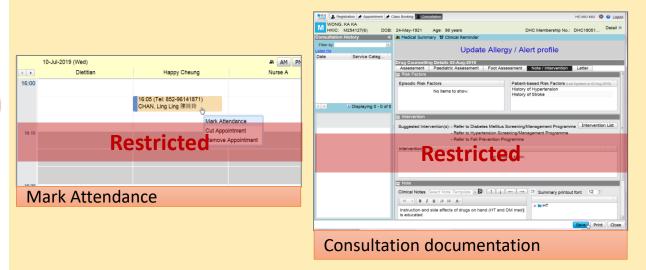


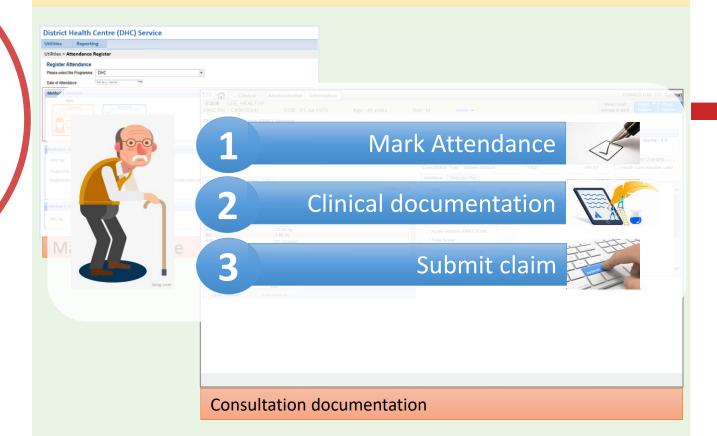




# Network Healthcare Service Providers



















#### **Electronic Health Record Sharing System**

電子健康紀錄互通系統

User Name 用戶名稱

Healthcare professionals who are using Internet Explorer 10

or below browser version may experience difficulties

# Rescription or Radiology PDF reports on eHR

for normal eHRSS operation if required, for system requirement details, refer to http://www.ehealth.gov.hk or

contact our hotline at 3467 6230.

#### **Important Reminder** 1. All patient information is strictly confidential

- 2. Only access patient data for providing healthcare purpose 2. 只可在提供醫護服務及有需要時取覽病人的資料
- 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

#### 重要提示

- 1. 所有病人的資料都必須嚴格保密
- 3 每个的的轉行會被討錄



Password	
Token Passcode	9

Mark Attendance





Healthcare Provider (HCP)

# **Health Service** locations (HSL

# **Professional** Healthcare (HCProf)





Service Agreement

# YYY醫院綜合醫療中心

MMM醫務中心

BBB醫院

英英英醫生醫所

AAA 專業護眼中心

CCC 專業物理治療中心

DDD專業治療中心



DDD中醫診所

Optometrist Clinic Admin

eHRSS registration Service Agreement



# TTT中醫醫務所

LLL中醫骨傷針灸診所

PPP中醫診所

EEE營養中心

UUU言語治療中心

RRR足病診療專科中心



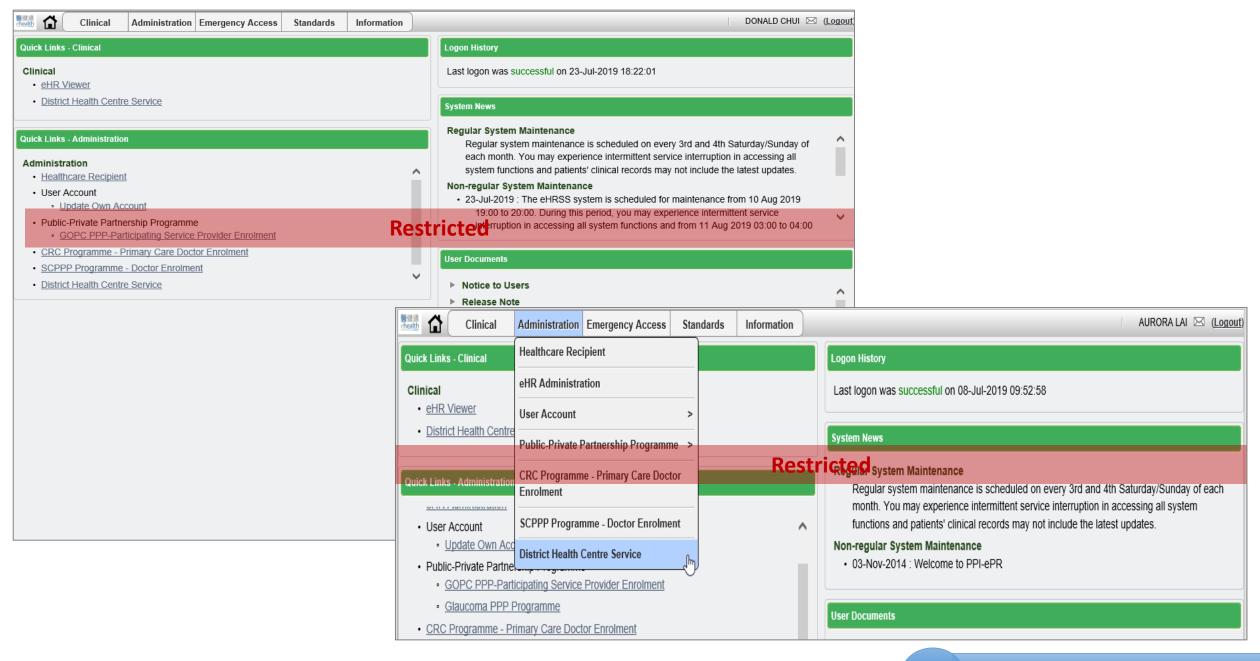


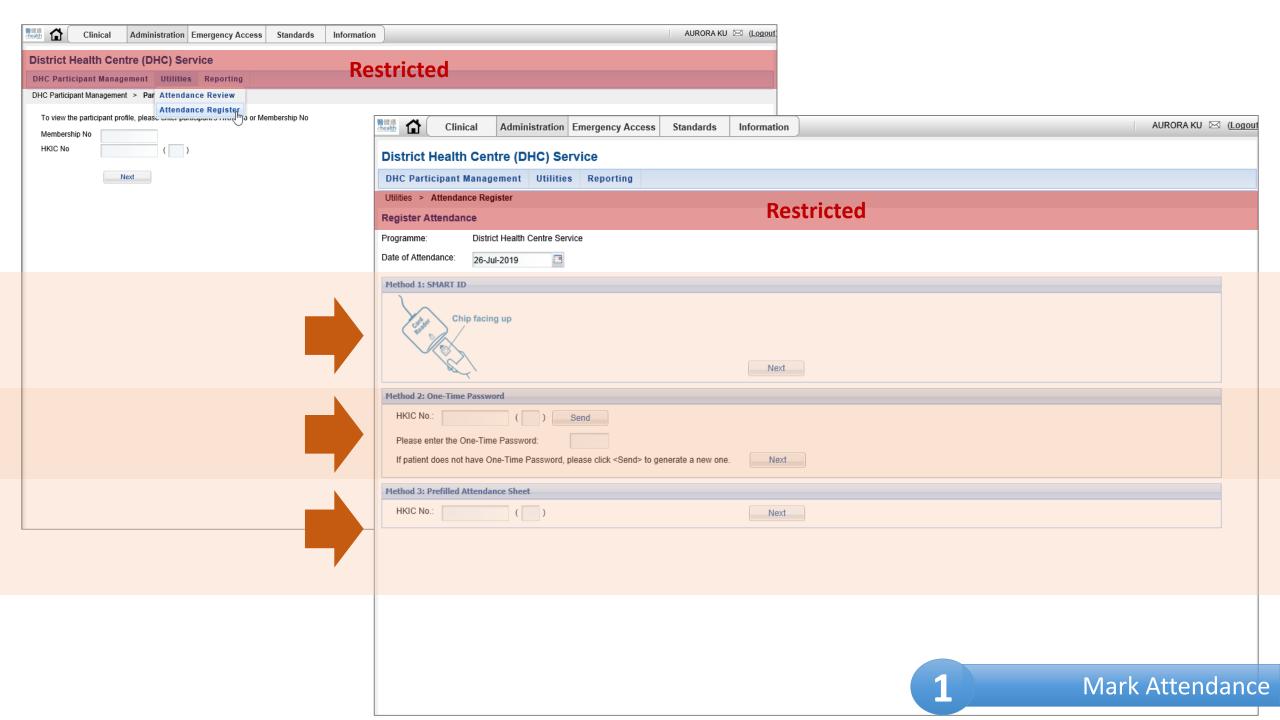




HSL of DHC Operator eHRSS registration Service Agreement

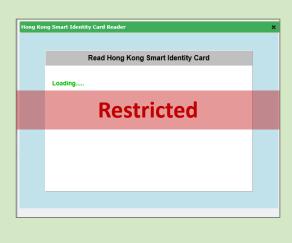


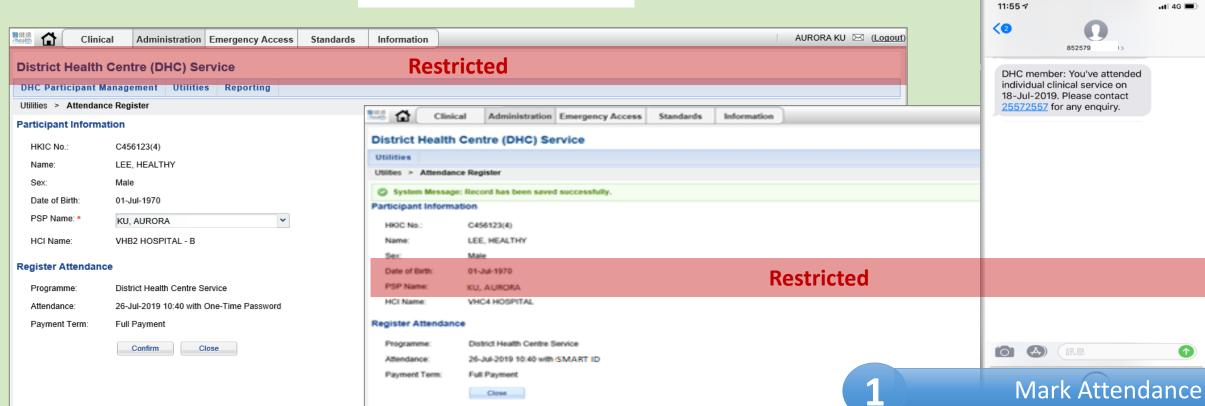












# Points to notes

• eHR sharing consent with the healthcare providers has been built already by DHC Operator.



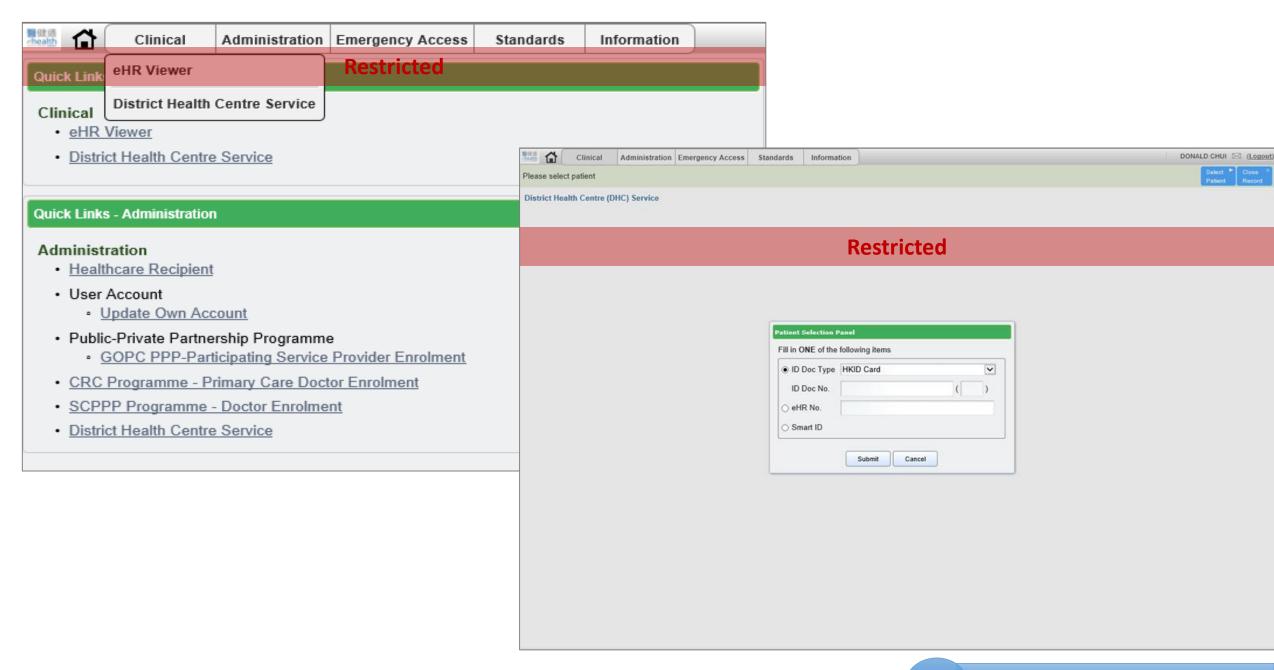
• Instance eligibility checking is available at attendance registry.



 Display of payment term which is carried forwards from DHC registration.







Age: 49 years

李健康 LEE, HEALTHY HKIC No.: C456123(4)

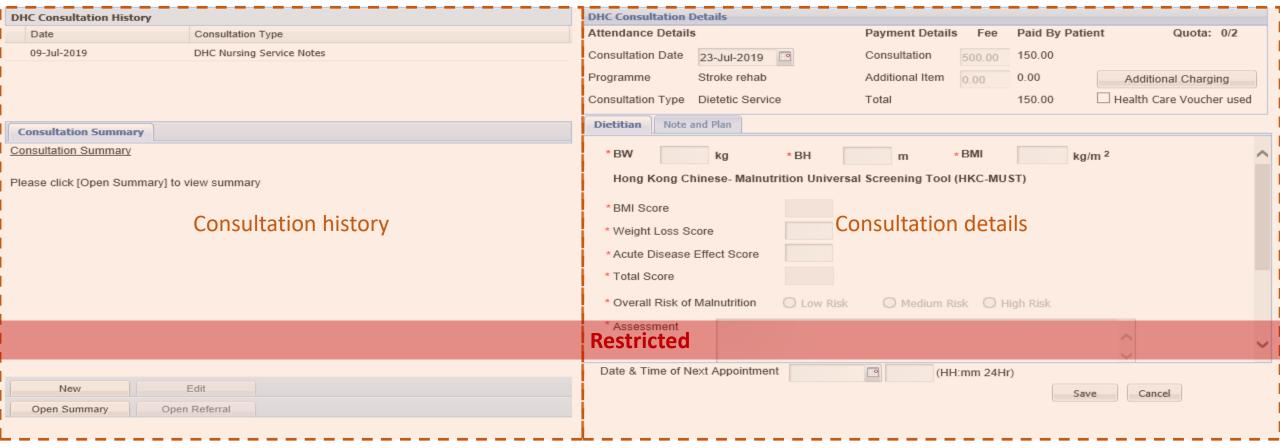
DOB: 01-Jul-1970

Participant's particulars

View / Add Allergy & ADR

Select Close
Patient Record

# District Health Centre (DHC) Service







### 物理治療服務預約便條 Appointment Slip for Physiotherapy

服務使用者資料	Participant Particulars

WONG, PO YAN 姓名: 黃寶欣

身份證號碼: E55XXX0(7) HKIC No: E55XXX0(7)

請攜同香港身份證及此預約便條到以下地點接受服務。

Please bring along HKID card and this appointment slip to the following location for healthcare service.

服務地點

匯匯物理治療中心

地址:光輝園27號葵景大廈地下5B舖

電話: 23001234

開放時間

星期一至星期五 13:43至02:32

Service Location

PP Physical Therapy Centre

Address: Kwai Tsing Road 123A

Tel No.: 23001234

**Opening Hours** 

Monday-Friday 13:43-02:32

預約日期

New Open Summary

12 時 00

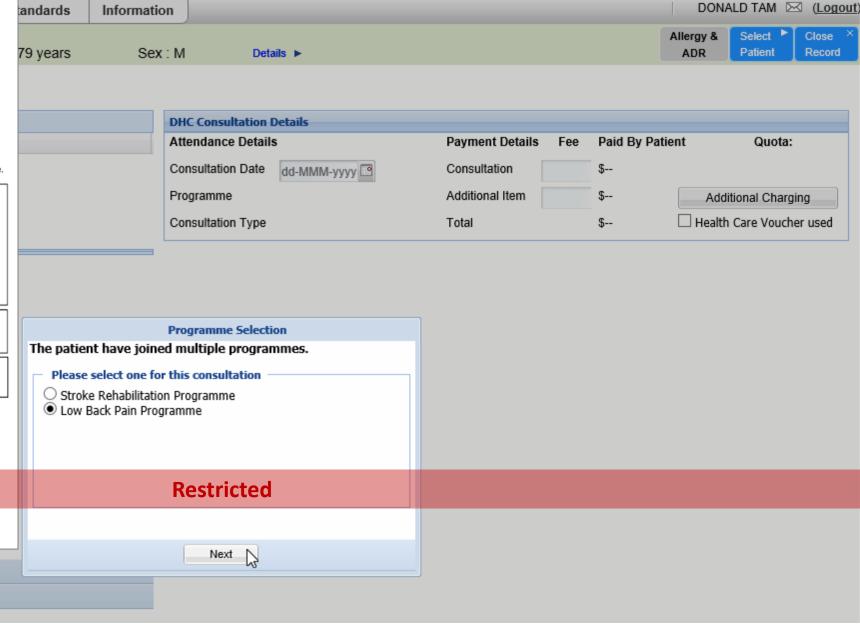
Hour **Appointment Date** 

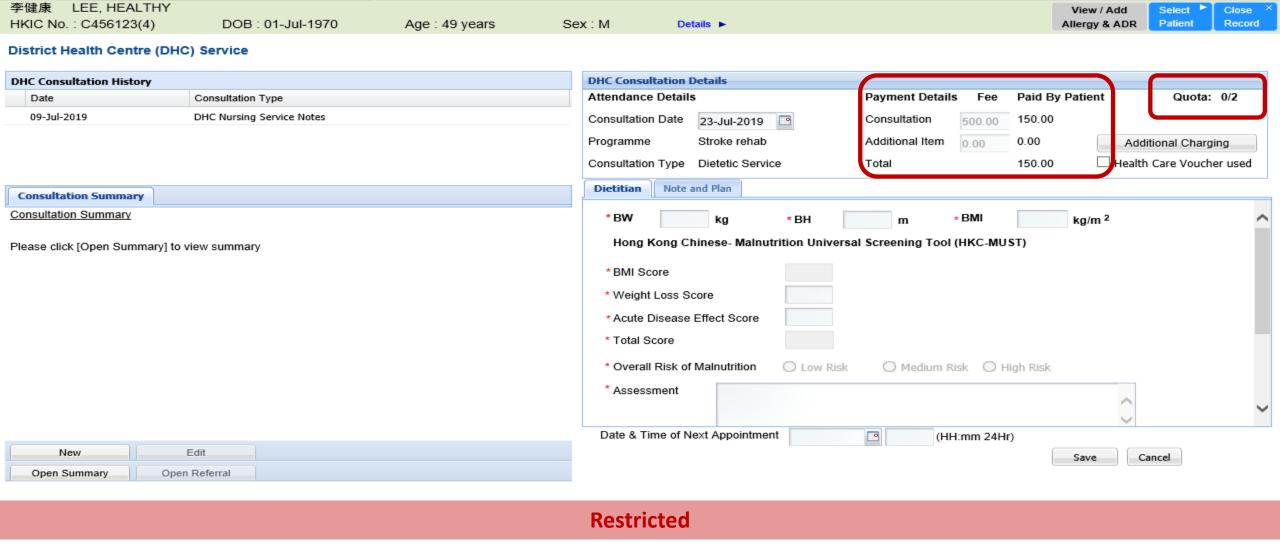
Low Back Pain Programme

Edit

Open Referral

如對服務有任何疑問,請致電 25572557 向地區康健中心職員查詢 Please contact DHC staff at 25572557 for any enquiries on service.



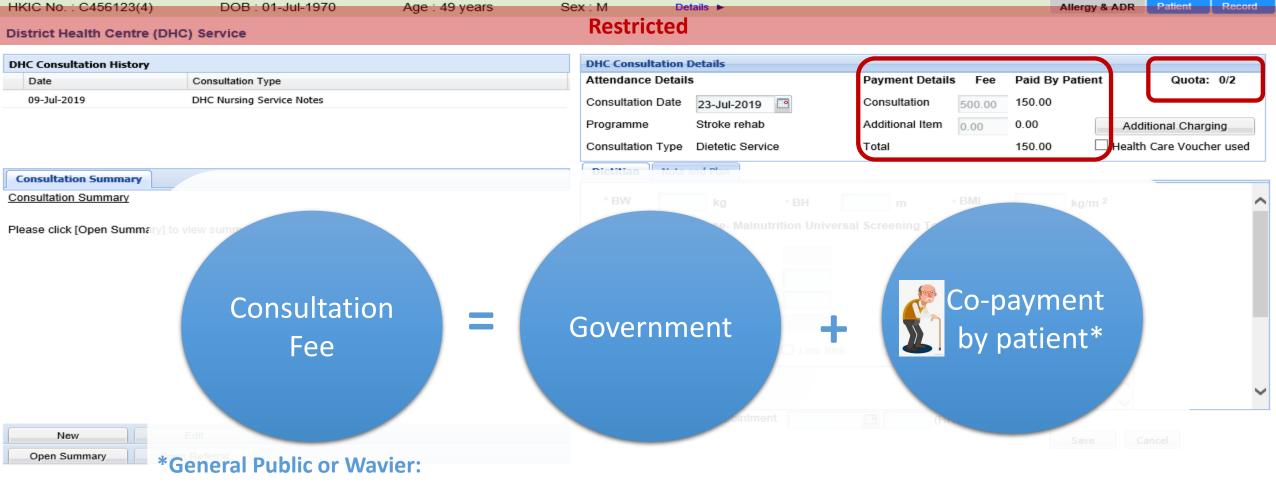


Clinical

Administration

Information

DONALD LUK (Logout)



• Comprehensive Social Security Assistance (CSSA) 綜合社會保障援助(「綜援」)

Clinical

LEE, HEALTHY

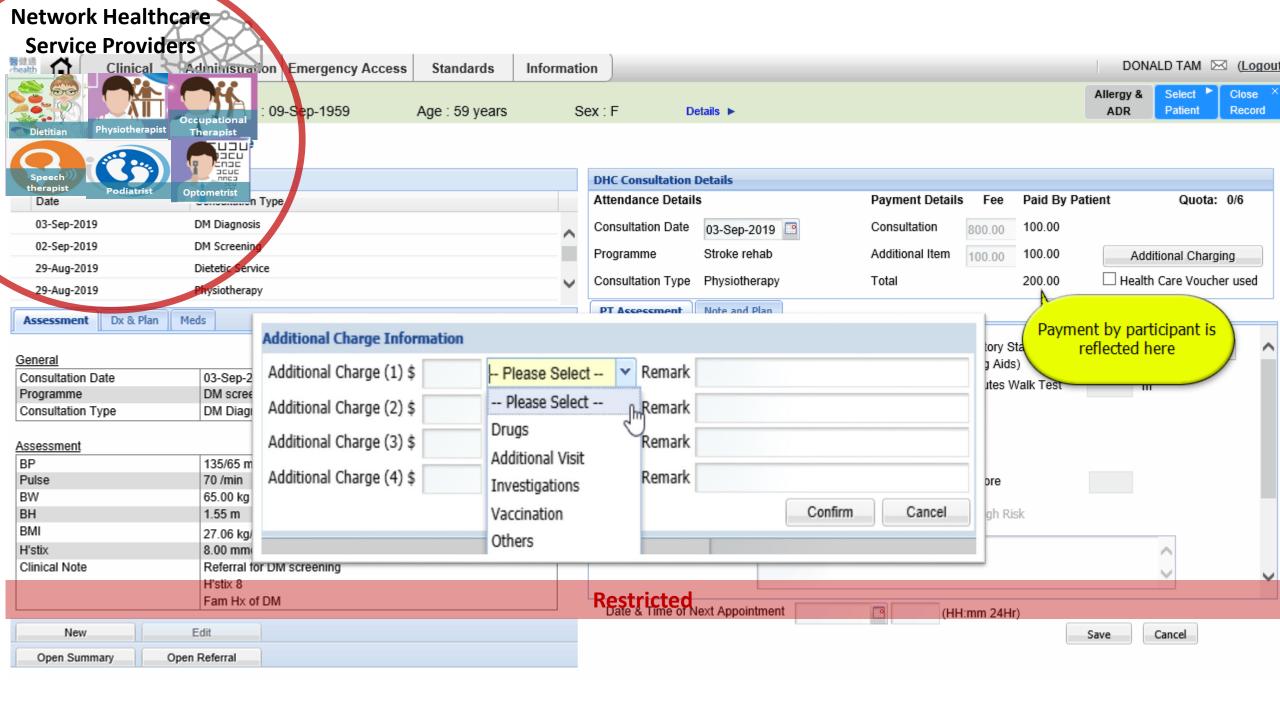
Administration

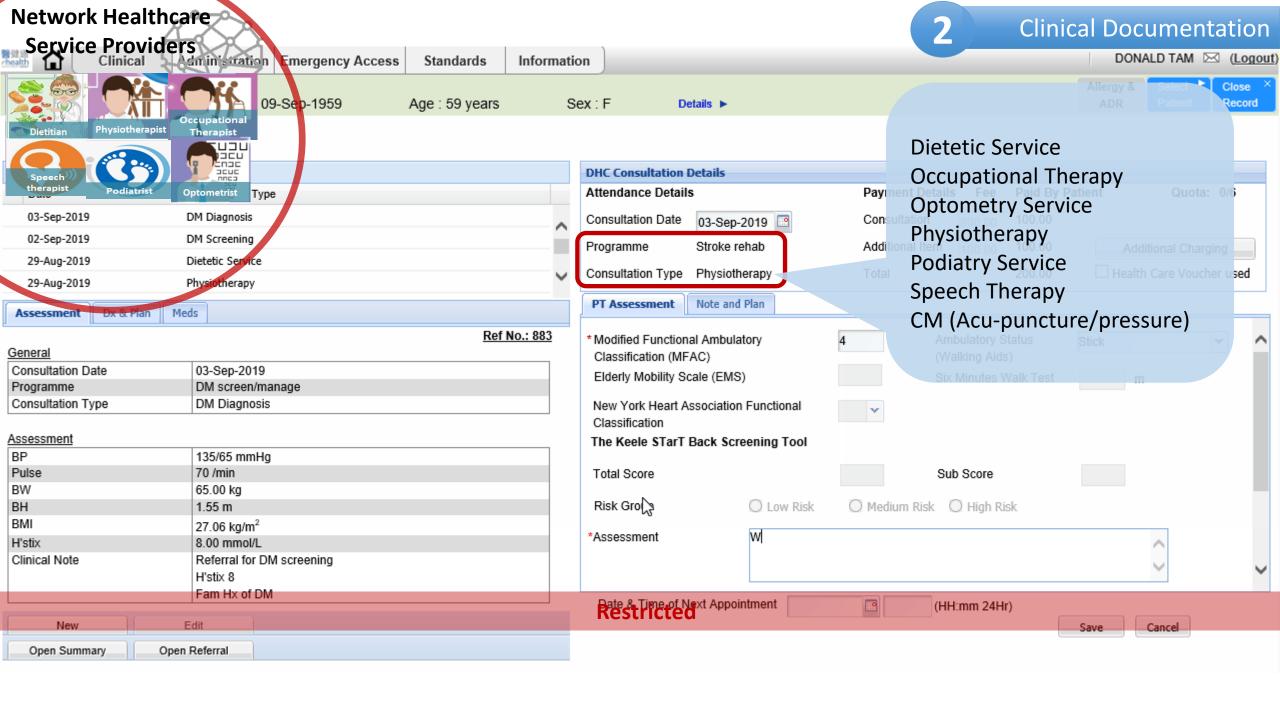
Information

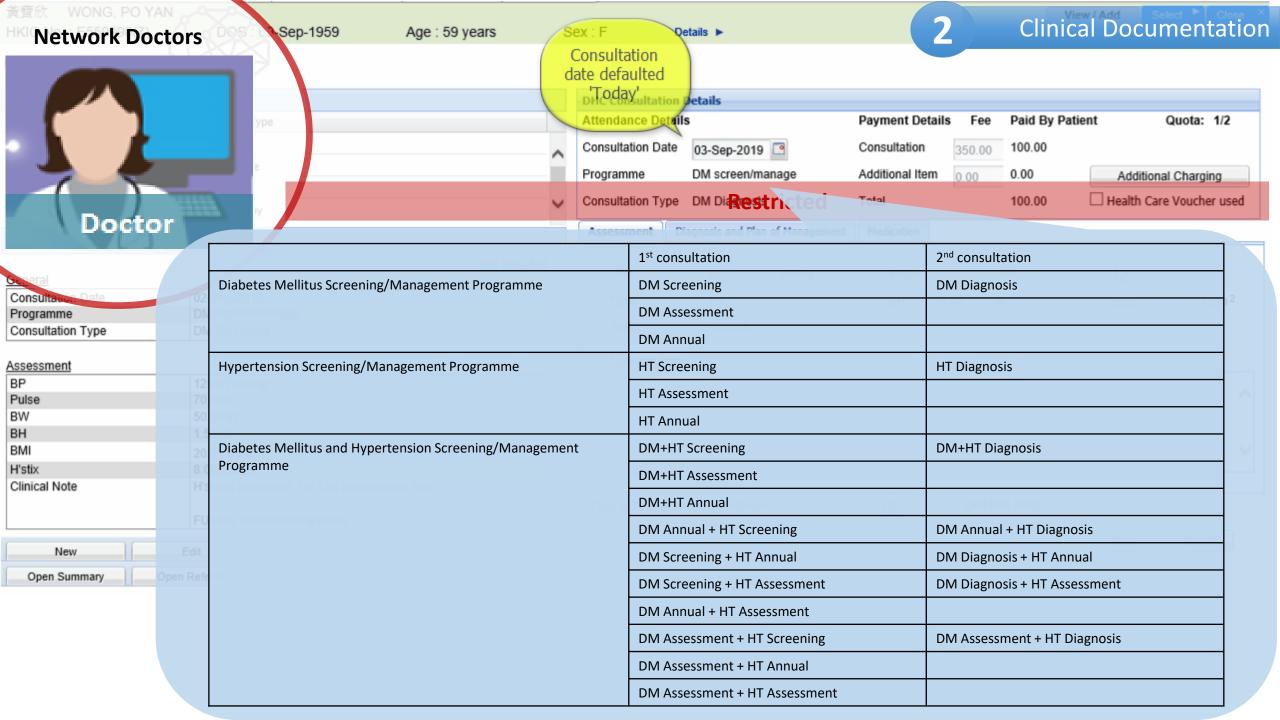
- Higher Old Age Living Allowance (aged 75 or above) (Higher OALA (aged ≥ 75))長者生活津貼受惠人醫療費用豁免證明書
  - Level 0 Voucher Holder of the Pilot Scheme on Residential Care Service Voucher (RCSV Level 0)「長者院舍住宿照顧服務券試驗計劃」級別0院舍券
- Medical Social Waiver 香港政府或醫院管理局認可社工所發減免全部或部分醫療費用的有效證明書

DONALD LUK (Logout)

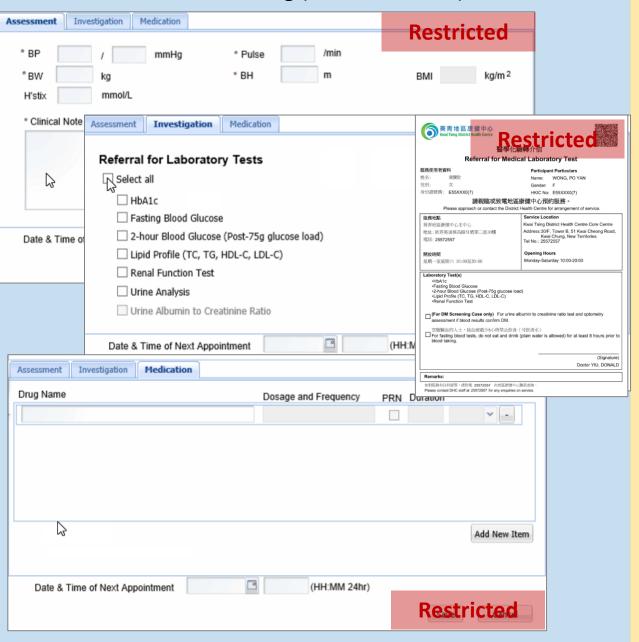
View / Add





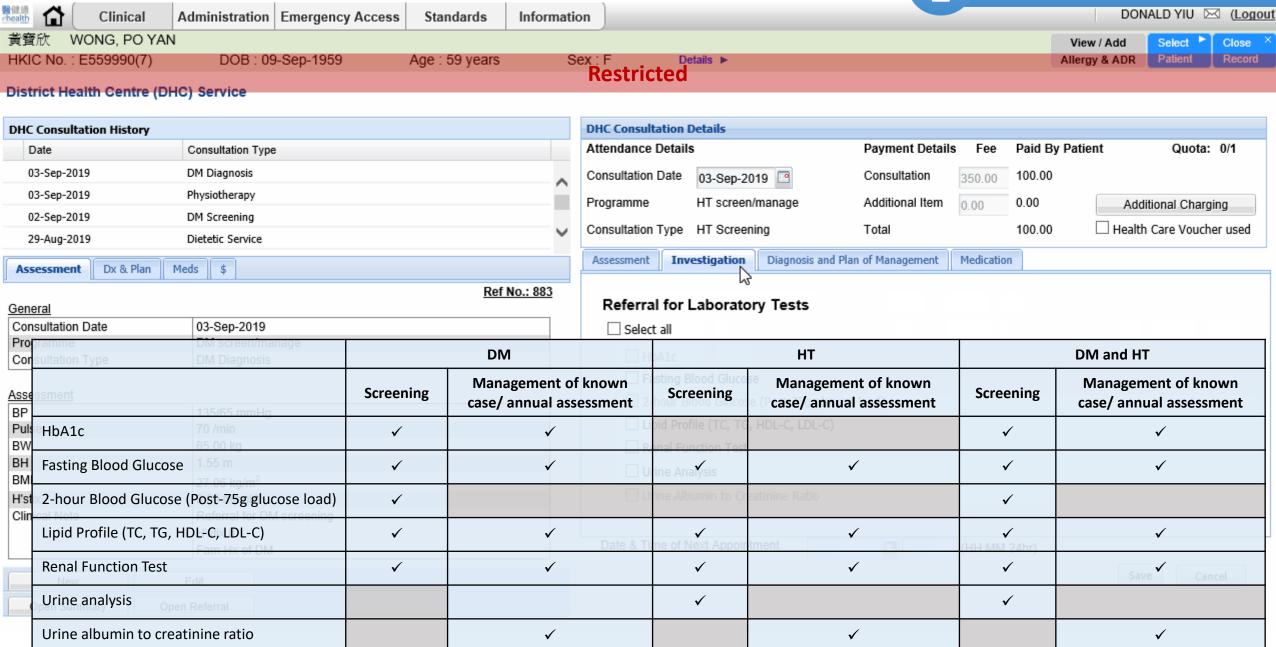


# DM Screening (1st consultation)



# DM Diagnosis (2<sup>nd</sup> consultation)





Data fields in clinical notes						
details AH data fields in DHC	Fracture Hip Rehabilitation Programme	Stroke Rehabilitation Programme	Cardiac Rehabilitation Programme			
Assessment and Intervention (for all healthcare providers)	Mandatory	Mandatory	Mandatory			
Physiotherapy Service						
Modified Functional Ambulatory Classification (MFAC)	Mandatory	Mandatory	Optional			
Ambulatory Status (Walking Aids)	Mandatory	Optional	Optional			
Elderly Mobility Scale (EMS)	Mandatory	Dimmed field	Dimmed field			
Six Minutes Walk Test	Dimmed field	Dimmed field	Mandatory			
New York Heart Association Functional Classification	Dimmed field	Dimmed field	Optional			
The Keele STarT Back Screening Tool – Total/Sub Score, Risk Group	Dimmed field	Dimmed field	Dimmed field			
Occupational Therapy Service						
Modified Barthel Index Score (MBI)	Mandatory	Mandatory	Optional			
Pre-morbid Living Setting	Mandatory	Mandatory	Dimmed field			
Abbreviated Mental Test (AMT)	Optional	Optional	Dimmed field			
Montreal Cognitive Assessment Hong Kong Version (HK-MoCA)	Optional	Optional	Dimmed field			
Geriatric Depression Scale (GDS)	Dimmed field	Optional	Dimmed field			
Dietetic Service						
Body Weight/ Body Height/ Body Mass Index (BMI)	Mandatory	Mandatory	Mandatory			
Hong Kong Chinese- Malnutrition Universal Screening Tool (HKC-MUST) - (BMI Sr/Wt loss Sr/Acute Disease Effect Sr/Total Sr/Overall Risk of Malnutrition)  * MUST for non-HK Chinese will be inputted by Dietitian manually	Mandatory	Mandatory	Optional			
Speech Therapy Service						
Mode of Nutrition: Oral / Tube	Service not available	Mandatory	Service not available			

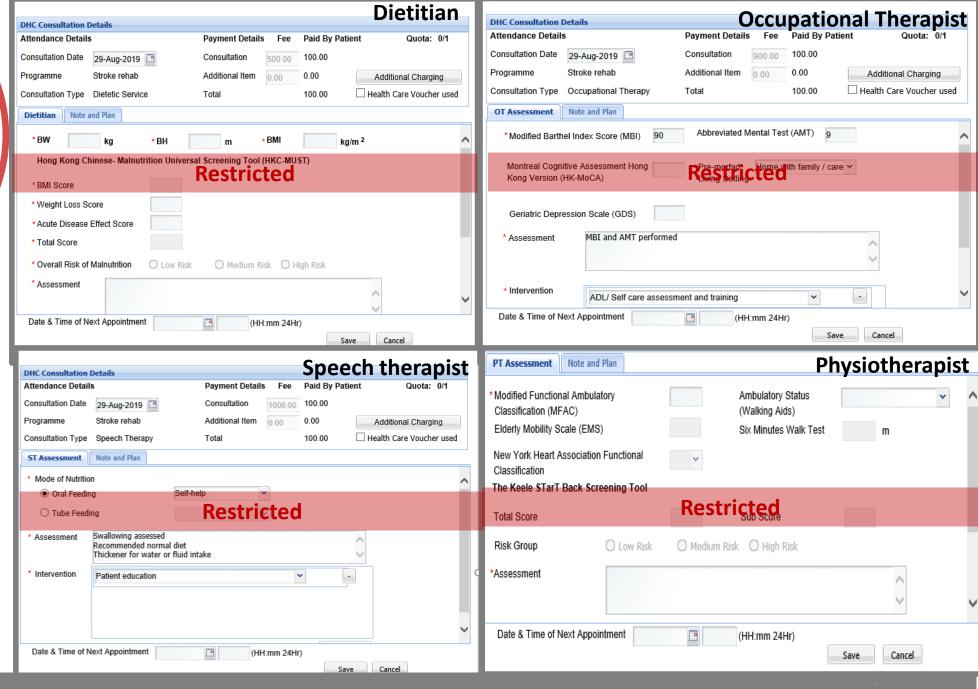
Data fields in clinical notes					
	Low Back Pain Proramme	Osteoarthritic Knee Pain Programme	DM/ HT Screening/ Management Programme		
Assessment and Intervention (for all healthcare providers)	Mandatory	Mandatory	Mandatory		
Physiotherapy Service					
Modified Functional Ambulatory Classification (MFAC)	Dimmed field	Dimmed field	Dimmed field		
Ambulatory Status (Walking Aids)	Dimmed field	Dimmed field	Dimmed field		
Elderly Mobility Scale (EMS)	Dimmed field	Dimmed field	Dimmed field		
Six Minutes Walk Test	Dimmed field	Dimmed field	Dimmed field		
New York Heart Association Functional Classification	Dimmed field	Dimmed field	Dimmed field		
The Keele STarT Back Screening Tool – Total/Sub Score, Risk Group	Mandatory	Dimmed field	Dimmed field		
Occupational Therapy Service					
Modified Barthel Index Score (MBI)	Dimmed field	Dimmed field	Dimmed field		
Pre-morbid Living Setting	Dimmed field	Dimmed field	Dimmed field		
Abbreviated Mental Test (AMT)	Dimmed field	Dimmed field	Dimmed field		
Montreal Cognitive Assessment Hong Kong Version (HK-MoCA)	Dimmed field	Dimmed field	Dimmed field		
Geriatric Depression Scale (GDS)	Dimmed field	Dimmed field	Dimmed field		
Dietetic Service					
Body Weight/ Body Height/ Body Mass Index (BMI)	Mandatory	Mandatory	Mandatory		
Hong Kong Chinese- Malnutrition Universal Screening Tool (HKC-MUST) - (BMI Sr/Wt loss Sr/Acute Disease Effect Sr/Total Sr/Overall Risk of Malnutrition)  * MUST for non-HK Chinese will be inputted by Dietitian manually	Optional	Optional	Optional		
Speech Therapy Service					
Mode of Nutrition: Oral / Tube	Service not available	Service not available	Service not available		



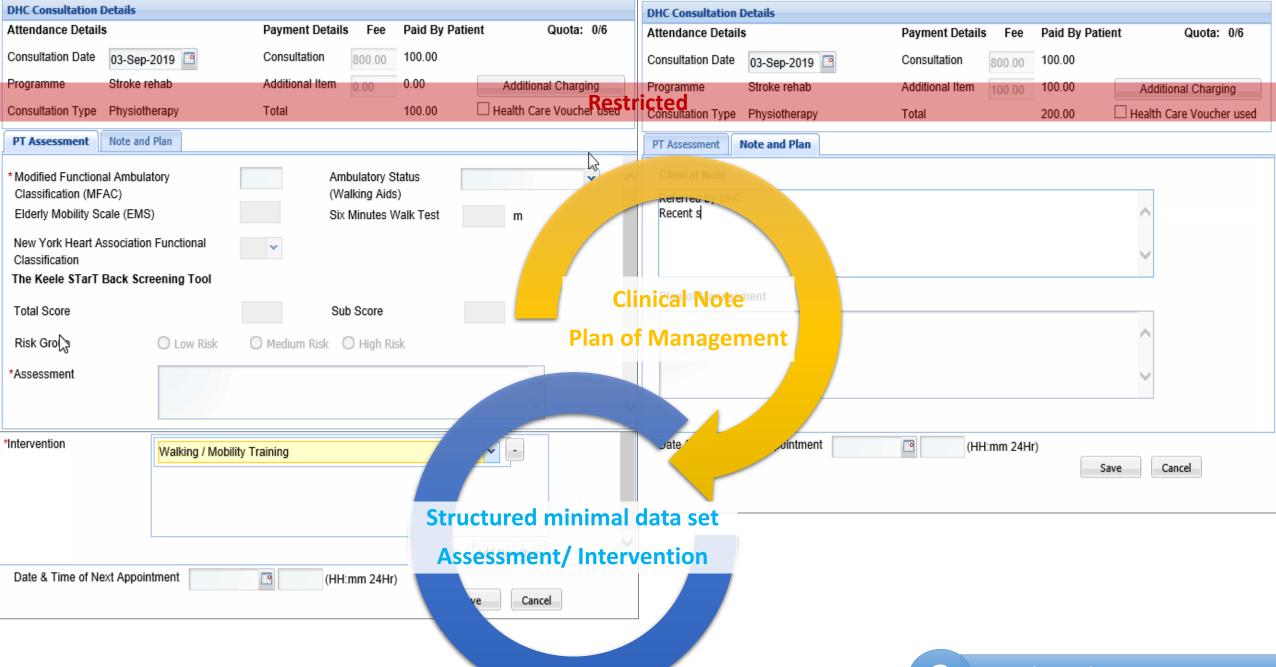


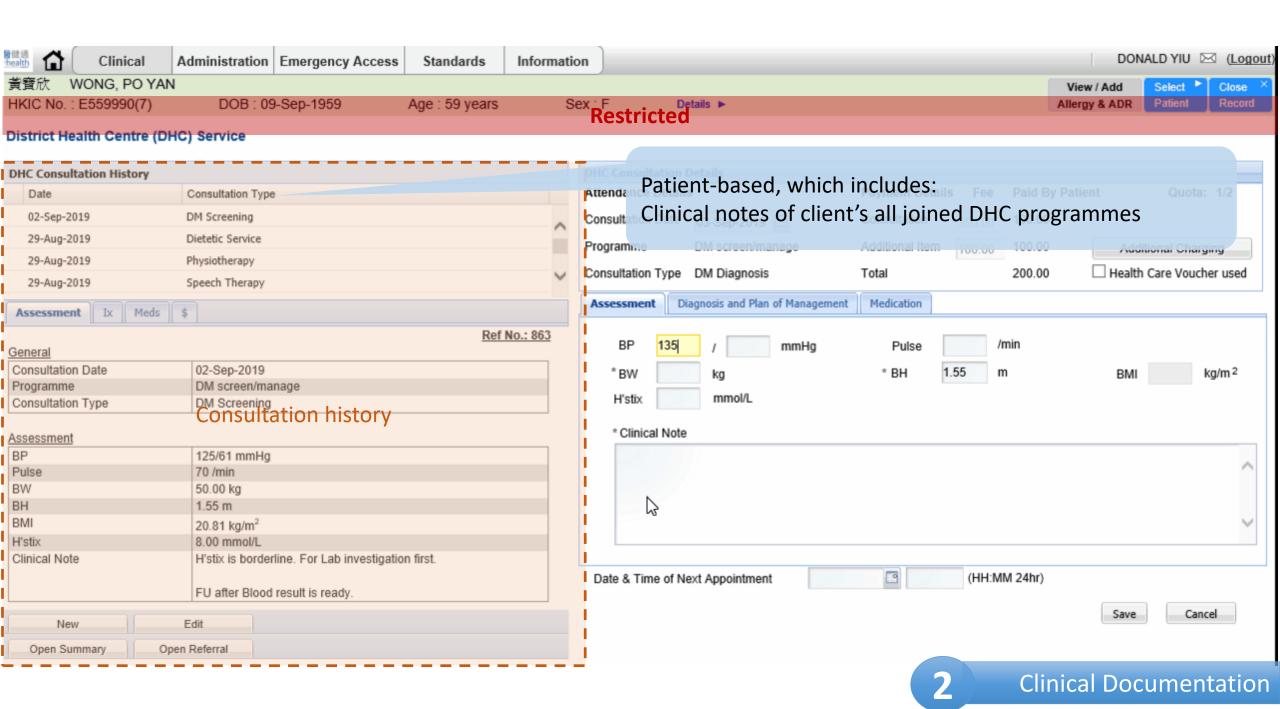


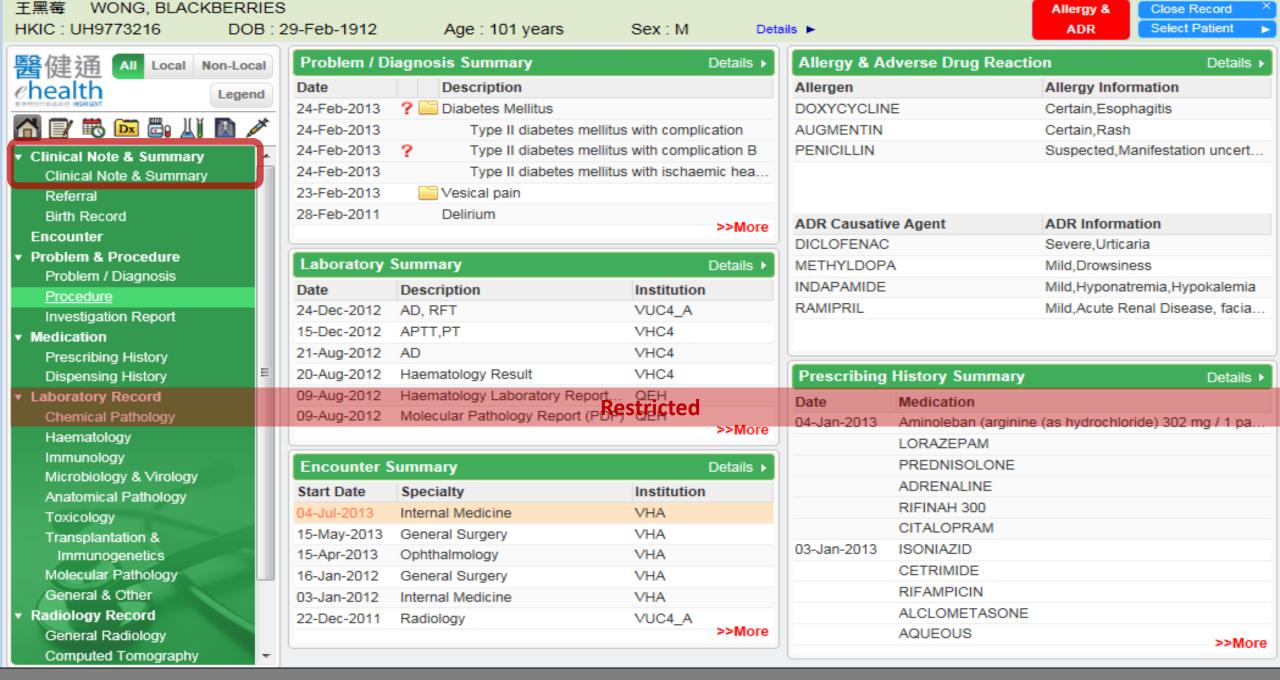
Consultations



#### **Network Healthcare** Foot Assessment Note and Plan **Podiatrist** Iltation Details Details Payment Details Paid By Patient Quota: 0/1 Right Foot Left Foot Vascular Assessment **Service Providers** 29-Aug-2019 🛅 Consultation 350.00 150.00 ○ Present ○ Absent ○ N/A O Present O Absent O N/A Foot pulses (Posterior tibialis or Stroke rehab Additional Item 0.00 Additional Charging 0.00 dorsalis pedis) ☐ Health Care Voucher used CM (Acu-puncture/pressure) 150.00 onsultation Type O N/A O No O Yes O No O N/A Ischemic Change Note and Plan History of Ulcer / Non-traumatic O No O Yes O N/A O No O Yes O N/A Lower Extremity Amputation \* Clinical Note Practitioner O N/A O No Active Ulcer O No O N/A 陰虛火旺, 氣短 倦、 頭暈失眠、 健忘 님근나 O N/A O No O Yes O No O N/A Claudication Ense JEUC O N/A O Yes O N/A Rest Pain O No O Yes O No Optometrist Plan of Ma gement Restricted 地5錢,加水煎煮約40分鐘後飲用。 百合1兩 Right Foot Foot abnormality Consultations O Diminished O Absent O N/A Right Right O Normal O Diminished O Absent O N/A Left Left Date & Time of Next Appointment Restricted HI) Save Cancel Assessment Visual Acuity (without pinhole) 6/ (without pinhole) (with pinhole) (with pinhole) 6/ Intervention Diabetic Retinopathy (DR) No retinopathy O No retinopathy Application of adhesive padding Mild non-proliferative DR Mild non-proliferative DR Biomechanical assessment, involve visual gait analysis, posture asses... Moderate non-proliferative DR Moderate non-proliferative DR Biomechanical assessment, computerized O Severe non-proliferative DR Severe non-proliferative DR General assessment, pulse, monofilament, systems evaluation Add New Item O Proliferative DR O Proliferative DR Neurological assessment, involve biothesiometer Date & Time of Nex Ungradable Ungradable Pre-operative assessment, include general, vascular, neurological ass... Save Cancel O N/A O N/A Vascular assessment, doppler, ankle brachial index O No retinopathy \*Hypertensive Retinopathy Provision of customised chairside applicance No retinopathy (HR) O Mild HR O Mild HR Casting for orthotic device using foam Casting for orthotic device using POP O Moderate HR Moderate HR Destruction of skin lesion using cryotherapy O Severe HR O Severe HR Destruction of skin lesion using chemical Ungradable Ungradable Destruction of skin lesion using electrocautery O N/A O N/A Education to individual patient

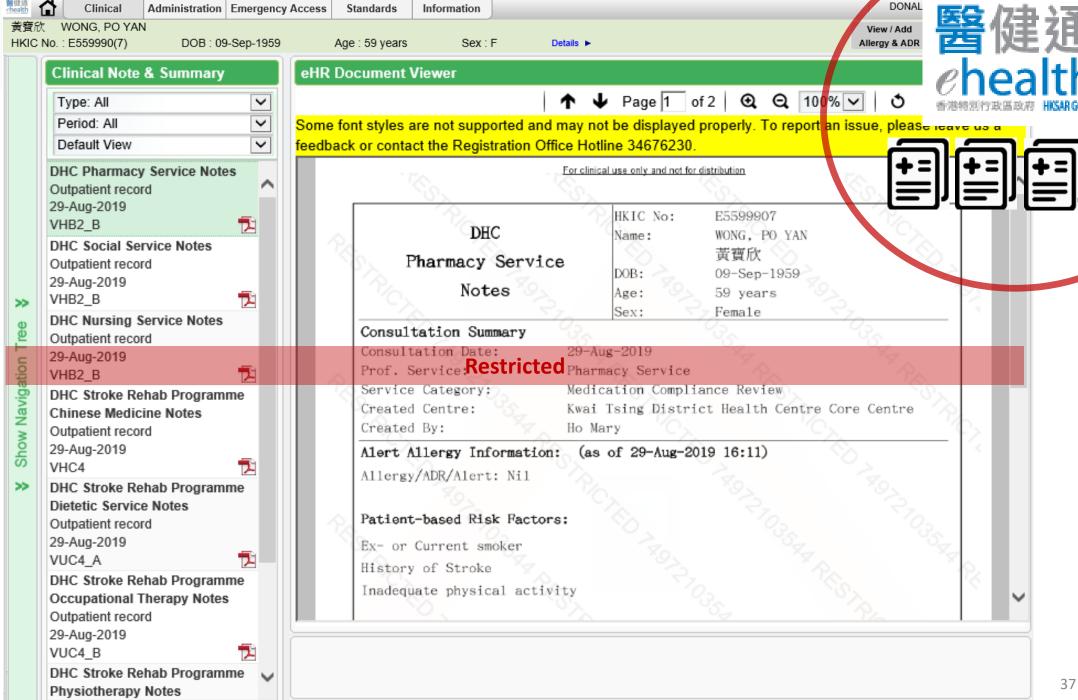












# Points to notes

 Electronic clinical documentation is one of the key element for effective communication between DHC care co-ordinator and network healthcare service providers.



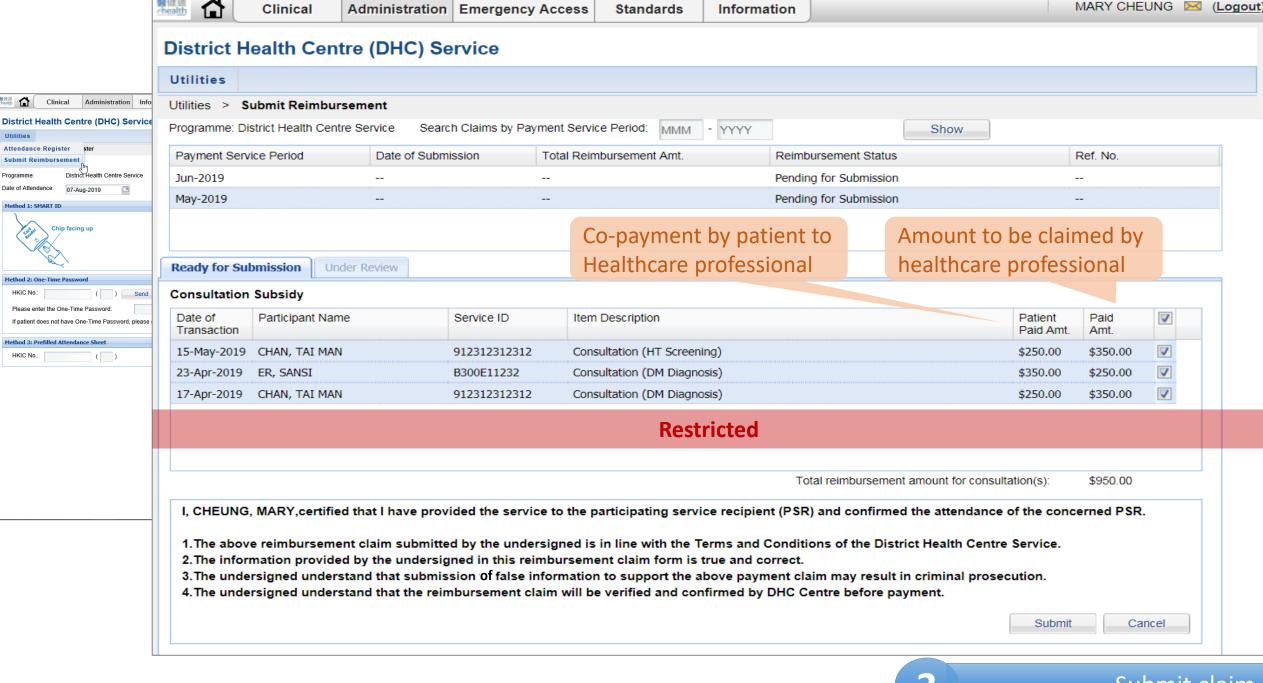
• DHC IT system facilitates programme operation and workflow.



• Clinical notes will be shared to eHRSS for continuity of patient care.







# Points to notes



 Payment claim submission is on monthly based and to be submitted by the healthcare service providers.



• Guidelines on submission date will be advised by PHO/ DHC Operator.



• Other scenarios could be found in IT module user manual, e.g. consultation record not found





# **Summary** 葵青地區康健中心 Kwai Tsing District Health Centre 葵青地區康健中心 Kwai Tsing District Health Centre By referral SOCIAL WORK Nurse Nursing assessment Physiotherapist Therapist Service assignment Consultations Walk-in **Network Healthcare Service Providers** Mark Attendance



# **User Manual for**

## **DHC IT Module**

- Volume 1: DHC Operator
- Volume 2: Healthcare providers

(to be read with

**DHC Service Manual and Guidelines**)

User Manual for DHC IT Module Vol. 2 - Healthcare Service Providers of DHC Scheme

Dosage and Frequency

Click [Save] to save the

consultation record.

(HH:MM 24hr)

PRN Duration

Investigation Diagnosis and Plan of Management Medication

Drug Name

Document medication

prescribed if necessary.

Document date and time of next appointment if necessary.

Date & Time of Next Appointment

[G106]

٧ ..

Add New Item

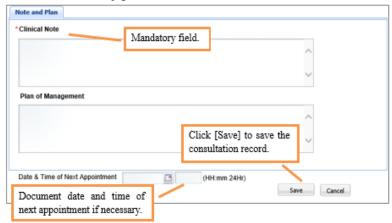
Cancel

User Manual for DHC IT Module Vol. 2 - Healthcare Service Providers of DHC Scheme

#### [G106]

# 9.2Chinese Medicine Practitioner

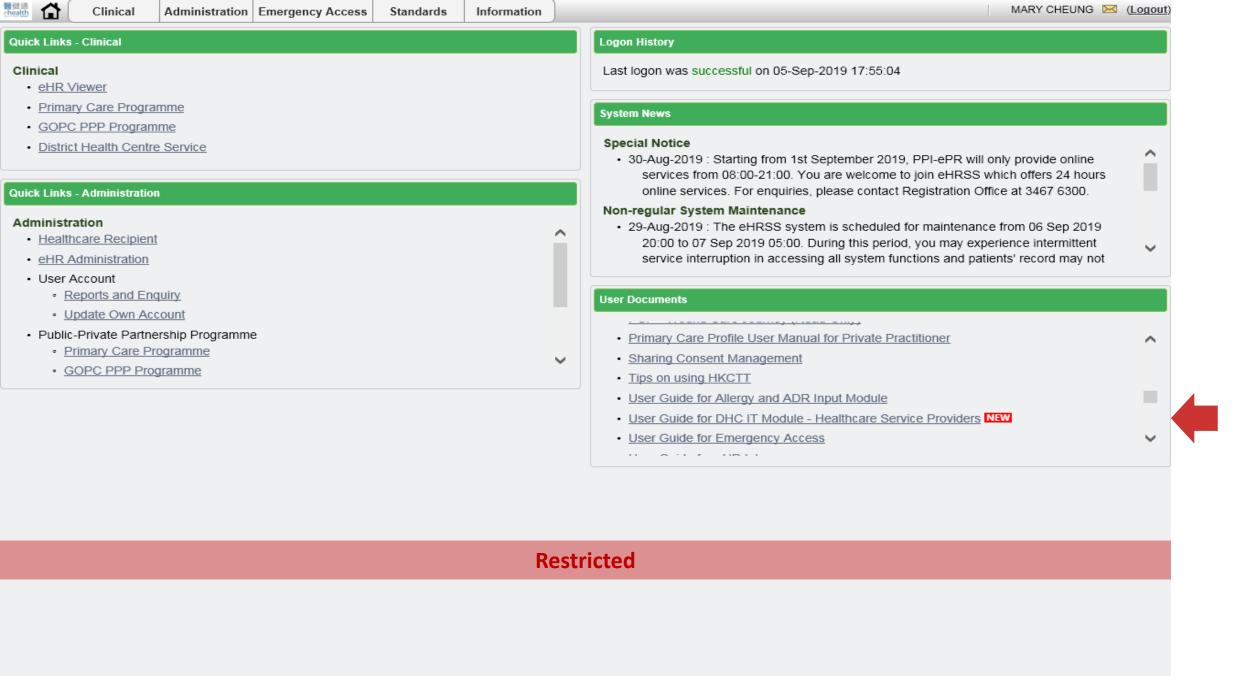
Chinese Medicine Practitioner can document "Clinical Note" and "Plan of Management" in this "Note and Plan" tab page.



#### 中醫師可以在"紀錄及計劃"的版面內記錄參加者的臨床紀錄及治療計劃。

### Restricted







# THANK YOU.