

Agenda

- Objectives of territory-wide sharing of electronic health records (eHR)
- Development of eHR related components in Department of Health
- Overview of the Clinical Information Management System (CIMS)

IT Infrastructure of CIMS

- CIMS Application
- CIMS Feature Highlights
 - Internet Booking
 - Use of Mobile Devices
 - Disease Notification
 - Contact Tracing
 - Defaulter Tracing
- Guided Treatment Protocol
- Link to Clinical Photo
- Link to Body Chart
 e-Form Deployment
- Periodontal Chart

- Objectives of territory-wide sharing of electronic health records (eHR)
- Promote patient-centric care

service providers

- Allowing healthcare service providers to timely acquire essential and comprehensive clinical information of their patients
- Strengthen primary healthcare services
 Building up lifelong electronic health records for patients
- Facilitate the collaboration between hospitals and primary healthcare
- DH needs to develop eHR related systems complying with eHR interoperability standards to support the Government initiative



Overview of CIMS - 1

- > DH Service units participated in CIMS include:
 - Families Clinics under Professional Development and Quality Assurance
 - Social Hygiene Service
 - > Clinical Genetic Service
 - > Antenatal Service under Family Health Service
 - Dental Service

Overview of CIMS - 2

- > Major Common CIMS Modules
- Person Master Index
- Registration & Appointment
- Clinical Content
- Investigation
- > Medication Order Entry
- Payment

Overview of CIMS - 3

- > IT infrastructure for CIMS:
 - > a centralised data repository
 - > a Service Oriented Architecture (SOA)
 - > a dedicated network
- Develop interfaces to connect CIMS to different external systems, including Eligibility Checking System, Laboratory Information System, Pharmaceutical Inventory & Dispensary System and the territory-wide eHR System







Covertific 語改府一站通 Generation Agences Carles Societ RGS About 16 Accession New - Drint Service Residents Residents Societ access Covertific Carles Carles	Online Services
Comment Agencies Online Services e Cards RSS About H4 Accessibility Heme > Online Services Residents Some services © Online Digital OF P	Help Desk Lines Online Services Lines
Home > Online Services Residents Some services Online ID Digital ID Pre-	Online Services
Business & Trade	
may require Payment Centricate Di	steword or Scanning 🖶 Printing
Non-Residents	Top Online Se
Communications & Technology	Book Clinical Servic Department of Healt
Culture, Leisure & Sports	Book Appointment f Kong Smart Identity
Education & Training	Book Appointment f Applying Travel Doc
Employment Employment	Change aTAX Profile Personal Particulars
Government, Law & Order	Enquire Rates and Government Bent B
Health & Medical Services	Recommender
Housing & Social Services	File Tax Return - In File D & 60
Immigration Services	(BIRGO) Search for free Gove
Taxes & Duties	Apply for Taking Up

CIMS Feature: Internet Booking - 2 Department of Health The Government of Health HONG ENGLISH 繁體版 简体质 F 31 01-01-1979 View Booke Service Selection ~ searching from O 22 2 2010 📰 > Avaiat Slot Search 👱 熱的電腦 🎧 🔹 电1005 A頁發生錯誤。

投影片 18

IU2 The name on the appointment slip is different from that in the previous slide. IBM's User, 10/26/2011

	1) Teel	· Assissment on CC								
)	I) Tasi	K Assignment on C5								
IRS	- 工作収況									
÷	Departme	nt of Health	CIMS	REST	RICTED (DEV.)					13
π	The Colored	ert of the Hong Kong Special Administrative Region		IRS						10
Ľ	作設定	工作狀況 快速搜尋	連線狀	况即	時總結登出	1				
0-	02 >	WC26							Ľ1	乍狀次
cr.										
utr/	有书件出版	✓ ##他告								
HΠ^	有班別	✓ 詳情		des al la	100		_	danala d		
P/T	有斑別 斑別	✓ 詳情 疫苗	人數	學號	秋況	首查人		複查人	_	
PIT	有班別 班別 1A	◆ 詳情 夜苗 ②DTap-IPV□dTaP-IPV□HBV	人數 22	拳號 1-22	秋況 準備首査	首查人 RN 袁 (S1)	~	複查人 EN 蓬 (S2)	~	分班
PT	有班別 班別 1A 1B	 	人數 22 23	参號 1-22 1-23	状况 準備首査 準備首査	首查人 RN 袁 (S1) EN 蓮 (S2)	> >	複查人 EN 蓬 (S2) RN 袁 (S1)	> >	分班分班
PIT	有班別 班別 1A 1B 1C	評問 夜苗 ⑦DTap-IPV□dTaP-IPV□HBV ②DTap-IPV□dTaP-IPV□HBV ②DTap-IPV□dTaP-IPV□HBV	人數 22 23 22	参號 1-22 1-23 1-22	状況 準備首査 準備首査 準備首査	首査人 RN 袁 (S1) EN 蓮 (S2) INO 潘	> > >	復査人 EN 蓮 (S2) RN 袁 (S1) INO 雲	2 2 2 3	分班分班分班
PIT	有班別 班別 1A 1B 1C 1D	 ● 詳情 ● DTap-IPV□dTaP-IPV□HBV ● DTap-IPV□dTaP-IPV□HBV ● DTap-IPV□dTaP-IPV□HBV ● DTap-IPV□dTaP-IPV□HBV ● DTap-IPV□dTaP-IPV□HBV 	人數 22 23 22 26	参號 1-22 1-23 1-22 1-26	狀況 準備首查 準備首查 準備首查 準備首查	首査人 RN 袁 (S1) EN 蓮 (S2) INO 潘 INO 雲		複查人 EN 蓬 (S2) RN 袁 (S1) INO 雲 INO 潘	> > > >	分班 分班 分班 分班
ΗΠ	有班別 班別 1A 1B 1C 1D 6A		人數 22 23 22 26 32	参號 1-22 1-23 1-22 1-26 1-32	状況 準備首査 準備首査 準備首査 準備首査 準備首査 準備首査 準備首査	首査人 RN 袁 (S1) EN 蓮 (S2) INO 潘 INO 惠	$\langle \cdot \rangle \langle \cdot \rangle \rangle$	複查人 EN 蓬 (S2) RN 袁 (S1) INO 雲 INO 潘	2 2 2 2 2	分班 分班 分班 分班 分班 分班
РЛГ	有班別 班別 1A 1B 1C 1D 6A 6B	評情 安治 DTap-IPV.dTaP-IPV-HBV DTap-IPV.dTaP-IPV-HBV DTap-IPV.dTaP-IPV-HBV DTap-IPV.dTaP-IPV-HBV DTap-IPV.dTaP-IPV-HBV DTap-IPV.dTaP-IPV-HBV DTap-IPV.dTaP-IPV-HBV DTap-IPV.dTaP-IPV-HBV	人数 22 23 22 26 32 32	参號 1-22 1-23 1-22 1-26 1-32 1-32	秋況 準備首査 準備首査 準備首査 準備首査 準備首査 準備首査 未安排首査人 未安排首査人	首 <u>金</u> 人 RN 袁 (S1) EN 蓮 (S2) INO 播 INO 嬰		複 <u>金</u> 人 EN 蓬 (S2) RN 袁 (S1) INO 雲 INO 漫		分班
нт	f 班別	評価 方面p-IPV_dTaP-IPV_HBV DTap-IPV_dTaP-IPV_HBV DTap-IPV_dTaP-IPV_HBV DTap-IPV_gTaP-IPV_HBV DTap-IPV_gTaP-IPV_HBV DTap-IPV_gTaP-IPV_HBV DTap-IPV_gTaP-IPV_HBV DTap-IPV_gTaP-IPV_HBV DTap-IPV_gTaP-IPV_HBV DTap-IPV_gTaP-IPV_HBV DTap-IPV_gTaP-IPV_HBV	人數 22 23 22 26 32 32 31	参號 1-22 1-23 1-22 1-26 1-32 1-32 1-32	狀況 準備首査 準備首査 準備首査 準備首査 準備首査 未安排首査人 未安排首査人	首査人 RN 袁 (S1) EN 蓮 (S2) NO 遷 NO 雲		複 <u>造</u> 人 EN 蓬 (S2) RN 袁 (S1) INO 雲 INO 潘		分班 分班

投影片 19

IU3	The name on the appointment slip is different from that in the previous slide. IBM's User, 10/26/2011
投影片 20)
IU4	The name on the appointment slip is different from that in the previous slide. IBM's User, 10/26/2011
投影片 21	
IU5	The name on the appointment slip is different from that in the previous slide. IBM's User, 10/26/2011
投影片 22	2
IU 6	The name on the appointment slip is different from that in the previous slide. IBM's User, 10/26/2011
投影片 24	۱
IU7	The name on the appointment slip is different from that in the previous slide. IBM's User, 10/26/2011

投影片 25

IU8	The name on the appointment slip is different from that in the previous slide.
	IBM's User, 10/26/2011

投影片 26

IU9	The name on the appointment slip is different from that in the previous slide.
	IBM's User, 10/26/2011

Set up r	eminders			
Department of	Health he Hong Kong Special Adminis	strative Region		14:25
arameter Configuratio	1			
Parameter For*	Time of triggering r	eminder for def	aulters 🗸	
rime of triggering remi	nder for each encounter t	ype		
	STI(New) 💌	2	hour/s 💙 before 👻 the end of last day of booked period* 😑	
* Encounter Type*		3	hour's v before v the end of last day of booked period*	
 Encounter Type* Encounter Type* 	Injection 🛩	-		
Encounter Type* Encounter Type* compulsory field*)	Injection 💌	5		

4	CIMS F Log for rec reminder	cording th	e: Def	aulter	Tracin with client	g - 2 on the	_
	Special Request and	Reminder Info. of 93	33300000 - WONG BIN	6 壬米			
	Special Request	Tel	E-mail	SMS	Fax	Mail	
	Tel. (2345 6789 / 981	6 5432)	Add oth	iertel. no.			
	Called Date	CHAN TAI MAN		Called Time Notes	1		

CI	CIMS Feature: Periodontal Chart - Pocket 1												
42													
Dental Perso Dant Domit Fero ansu Pro													
M Pock						NC							
Rec P	To cha us corresp	rt the pocke er can simpl onding inpu	t depth of a ly click on t t box in the	a tooth, he e 'Pock'	11	21	22	23	24	25	26	27	28
Rec B							22					27	30
Pock B		Ĥ		HÌ		Ť	- File			Ĩ			
	II												

							Once	user clic	ks on ar	input bo	ox, a				
							serie	s of num	bered bu	ttons wi	lbe				
tal Perio	General P	erio	6 6		0 0			12 12		16		_			
	/				-)(-			NC							
	17	16	16	14	13	12		21	22	23	24	25	28	27	28
		ñ	<u> </u>	Ü	ñ	ñ	<u> </u>	ñ	n		ñ	- n	Ē.		Ē
P/ 🗌 🕯															
	1 -											_			_
															H H
49	47	48	45	44	43	42	41	21	32	11	24	15	16	17	10
tř		11	Ĩ				TT						- Ĩ	- Ť-	ΠŤ
8															rĦ
									⊳-m-√						

Г

46	CIMS Feature: Periodontal Chart - Mobility 1															
• Den Dental	Perio	Chart C	To chart an simp	the mot ly click o 'M	n an inp r ow.	tooth, u ut box ir	iser In the									
u	1								NC							
8	∇															
P	N															
	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
Rec 7	4			Ц.	Ц							<u> </u>	<u> </u>			
P/																
Rec																
	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
Pock	++-								\square							
										L ine						
~															L	
Soansh	v)								_							
- and part	<u> </u>															

