

Seminar on Recognised Terminology – Hong Kong Clinical Terminology Table (HKCTT)

Maintenance of Hong Kong Clinical Terminology Table (HKCTT)

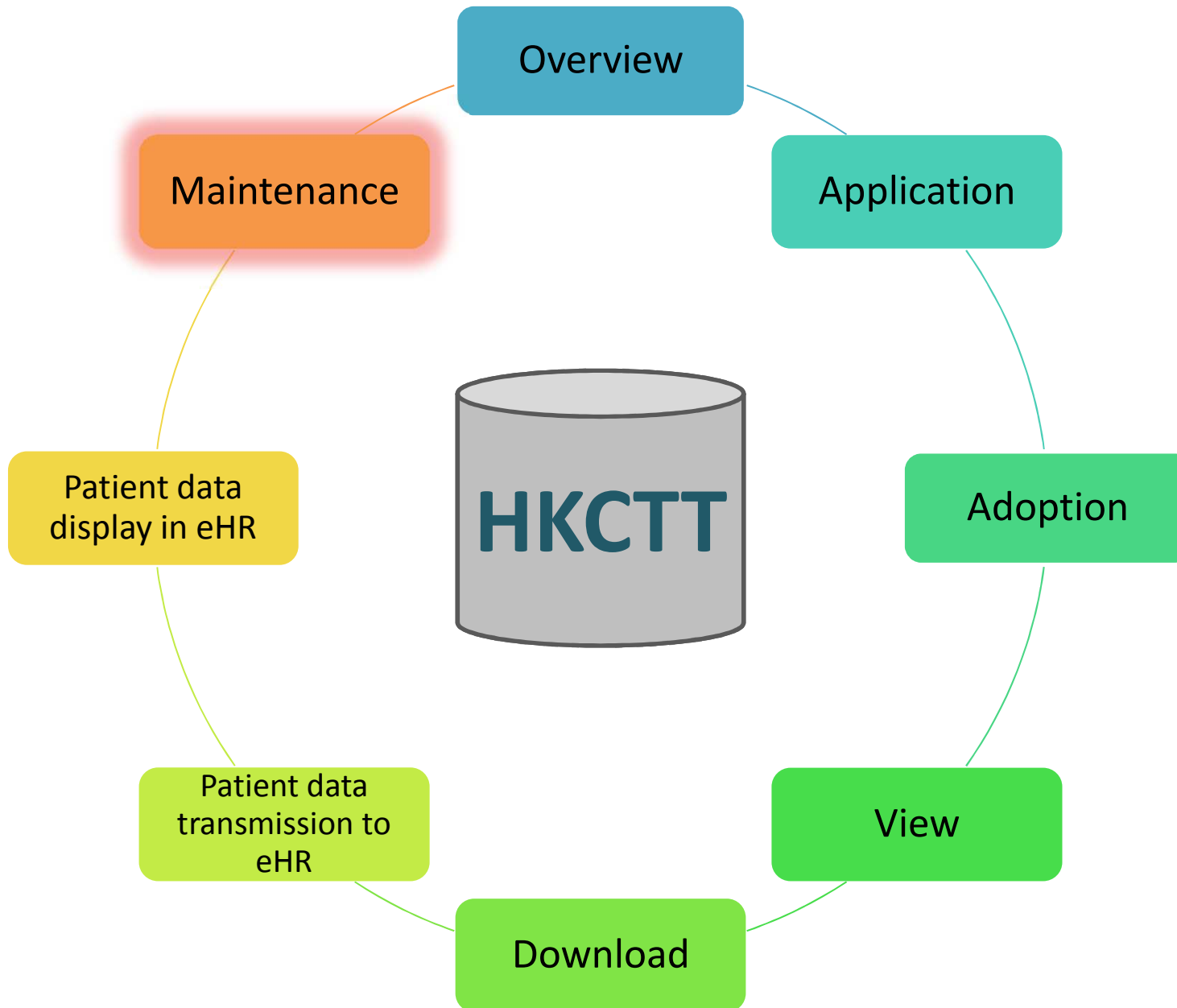
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eHR Information Standards Office

16 April 2014

Terminology for eHR - HKCTT



Objectives

- To provide an overview of the maintenance of HKCTT
- To outline request submission mechanism for submission of HKCTT and SNOMED CT requests/recommendations



How do we maintain HKCTT?

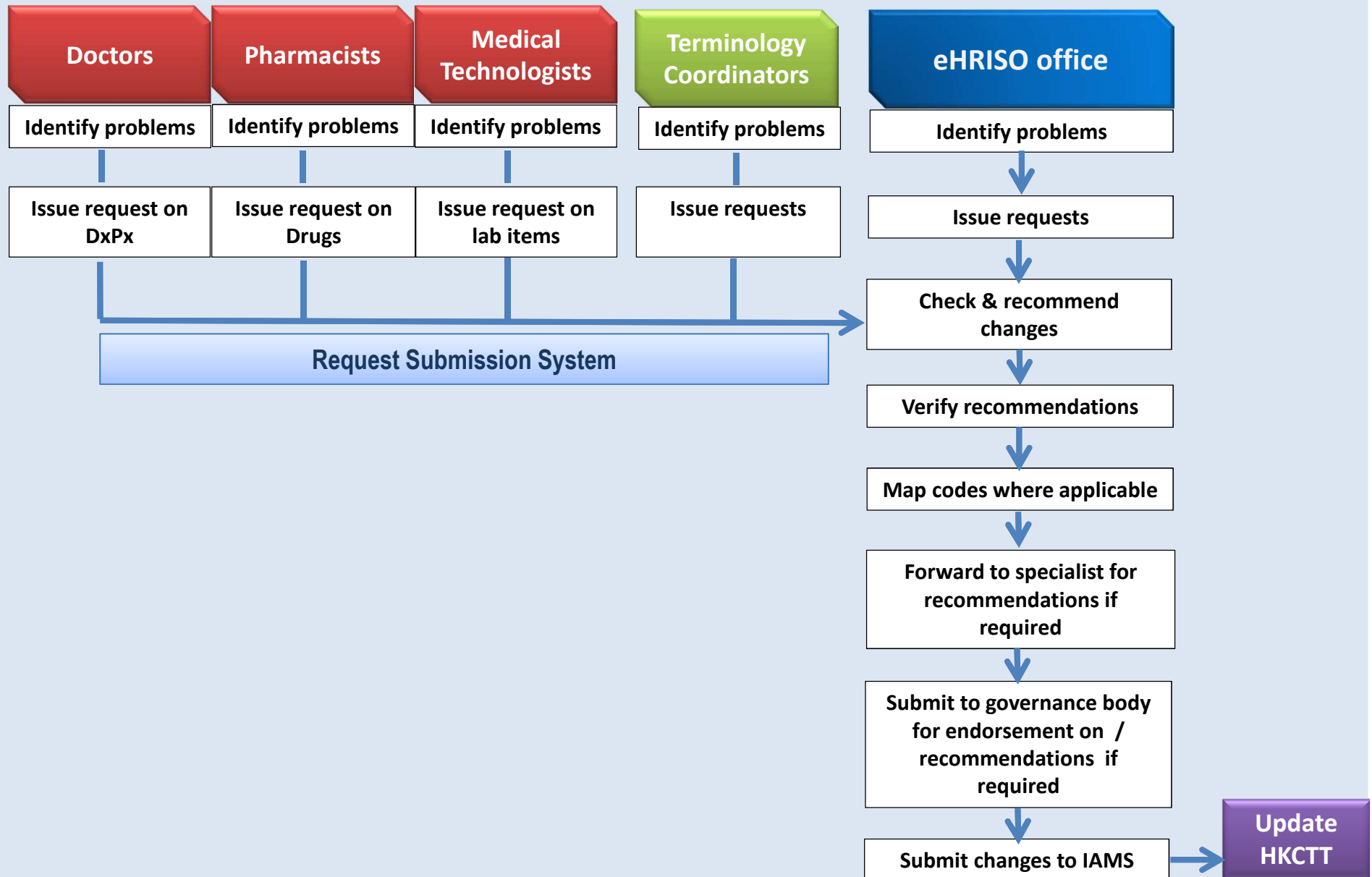
Maintenance of terminologies are not an one-time effort. In fact, it is an endless task!

- Establish HKCTT update frequency cycle
- Manage user requests
- Update editorial policies



We think ahead (and often) about maintenance!

HKCTT Maintenance Flowchart



Frequency and update cycle



What triggers change in HKCTT content?

1) Amendment to HKCTT terms

- Description change
- Mapping change

2) Official changes to Reference Terminologies

- [Code addition/retirement](#)
- Regrouping of classification

Change of RT – SNOMED CT example

CliniClue Xplore: SctIntl_20100731

File Edit Language Layout Tools Help

Concept Id 371985008 primary malignant neoplasm of extrahepatic bile ducts (Type:= clinical finding)

Description Id 1210571011

Concept Status: **current**

- Descriptions
 - Lang: en-US
 - F primary malignant neoplasm of extrahepatic bile ducts (disorder)
 - P primary malignant neoplasm of extrahepatic bile ducts
- Definition: Fully Defined as ...
 - is a
 - D malignant tumor of extrahepatic bile duct
 - is a
 - D primary malignant neoplasm of biliary tract
 - Group
 - associated morphology
 - D neoplasm, malignant (primary)
 - finding site
 - D extrahepatic duct structure

CliniClue Xplore: SctIntl_20110131

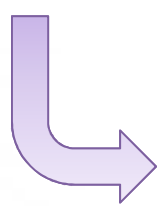
File Edit Language Layout Tools Help

Concept Id 371985008 primary malignant neoplasm of extrahepatic bile ducts (Type:= special concept)

Description Id 1210571011

Concept Status: **ambiguous**

- Descriptions
 - Lang: en-US
 - F primary malignant neoplasm of extrahepatic bile ducts (disorder)
- Definition: Primitive
 - is a
 - D ambiguous concept
- Historical Relationships
 - MAY BE A
 - H primary malignant neoplasm of extrahepatic bile duct
- Codes
 - Original SNOMED Id: DF-0061F



Update frequency of HKCTT and Reference Terminology

- HKCTT is scheduled for update on **monthly basis**
- Reference terminology updates are scheduled as follows:

Reference terminology	Update frequency
Systematized Nomenclature of Medicine, Clinical Terms (SNOMED CT)	Every 6 months (Jan & July)
International Classification of Diseases, 10th Revision (ICD 10) <ul style="list-style-type: none">• 2001 Release• 2010 Release• Mental Health & Behavioural Disorders (MBD)	No regular updates
International Classification for Primary Care, 2nd Edition (ICPC2)	No regular updates
Logical Observations, Identifiers Names and Codes (LOINC)	Every 6 months

Request submission



Reasons for request submission

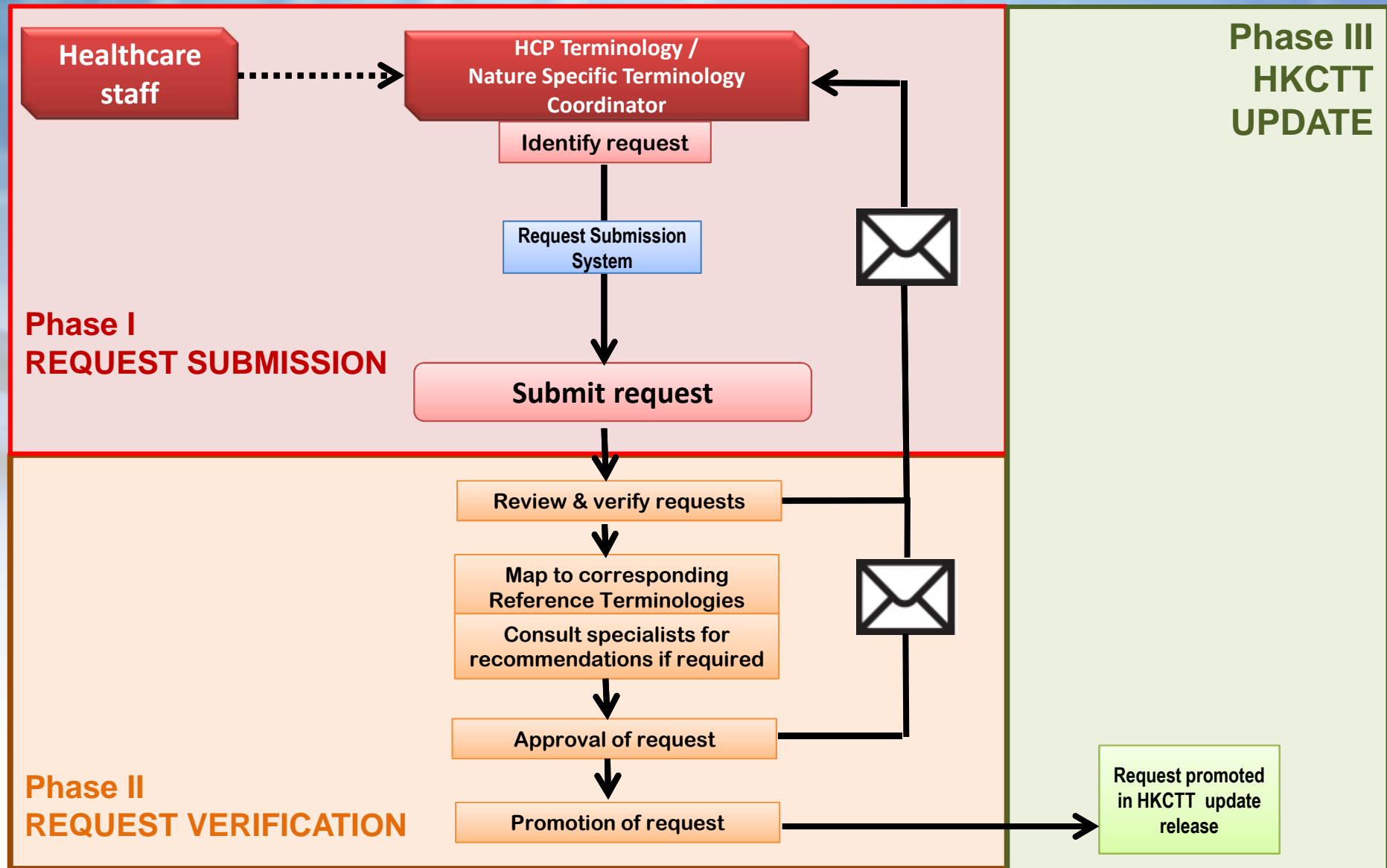
1) HKCTT

1. To add new terms
2. To make amendments on existing terms
 - Spelling
 - Mapping
 - Adding alias

2) SNOMED CT

- Required concept might not be available
- Query on definition of existing concept

Workflow of Request Submission for eHR



eHR Portal Login



User Name
用戶名稱



Important Reminder

1. All eHR healthcare recipient information is strictly confidential
2. Use only for authorised purposes
3. All access to eHR Viewer is logged
4. Please logout immediately after use
5. Please ensure you have verified the content before you sign the computer printouts
6. Please change your password on a regular basis

[Terms and Conditions](#) | [Security Guidelines](#) | [Privacy Policy Statement](#)

重要提示

1. 病人資料必須保密
2. 只允許授權的操作
3. 所有對醫健通檢視系統的操作均會被記錄
4. 使用網站服務後，請立即登出系統
5. 簽署文件前，請先細心核對內容
6. 請定期更新用戶密碼

[條款及細則](#) | [保安指引](#) | [私隱政策聲明](#)

N.B. All screen displays may be subject to change.



eHR Portal Login



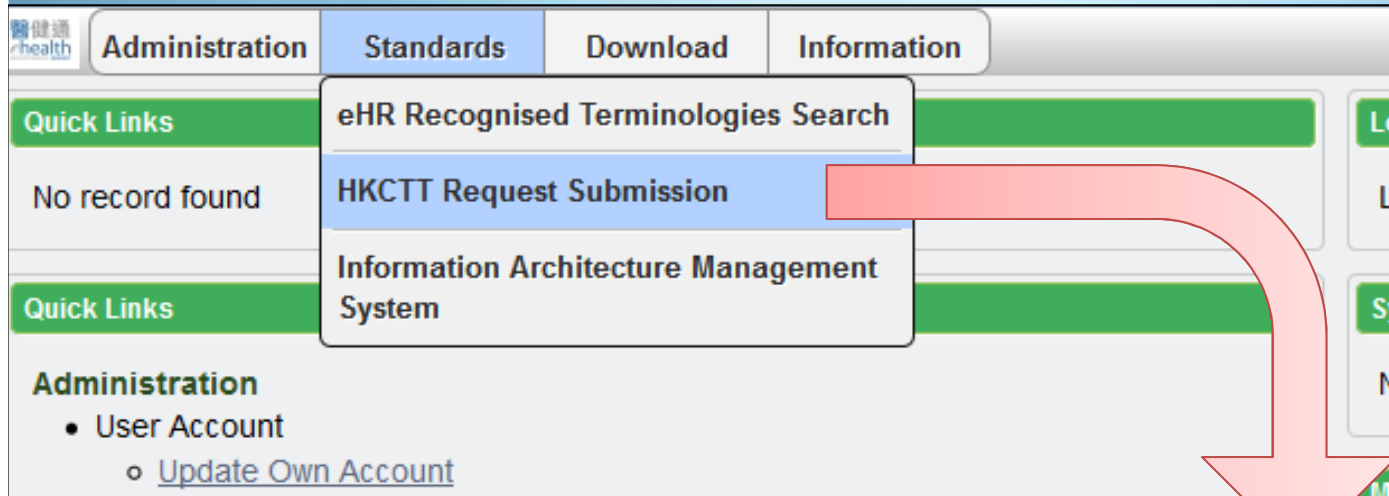
Password

Token Passcode 

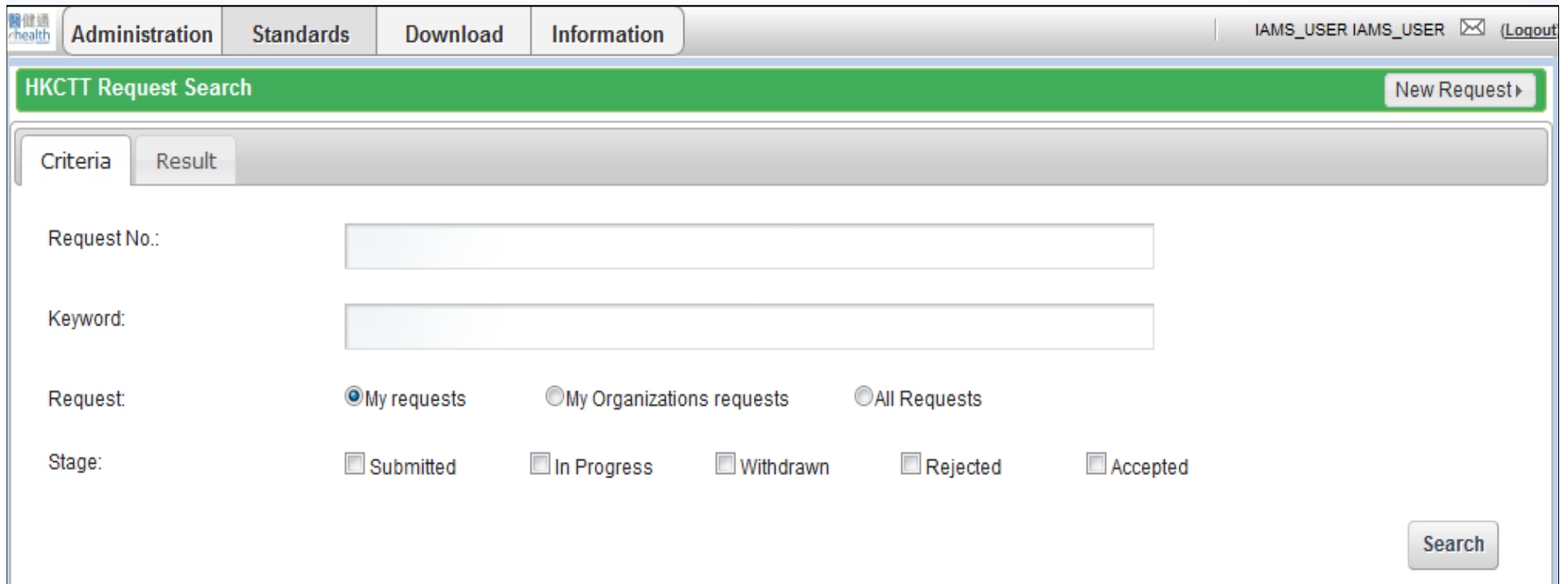
Authentication process may vary depending on mode of adoption

N.B. All screen displays may be subject to change.

HKCTT Request Submission



The screenshot shows a navigation menu with tabs for Administration, Standards, Download, and Information. A dropdown menu is open under the Standards tab, listing several options: eHR Recognised Terminologies Search, HKCTT Request Submission (highlighted in blue), and Information Architecture Management System. A red arrow points from the highlighted menu item to the right, indicating the next step in the process.

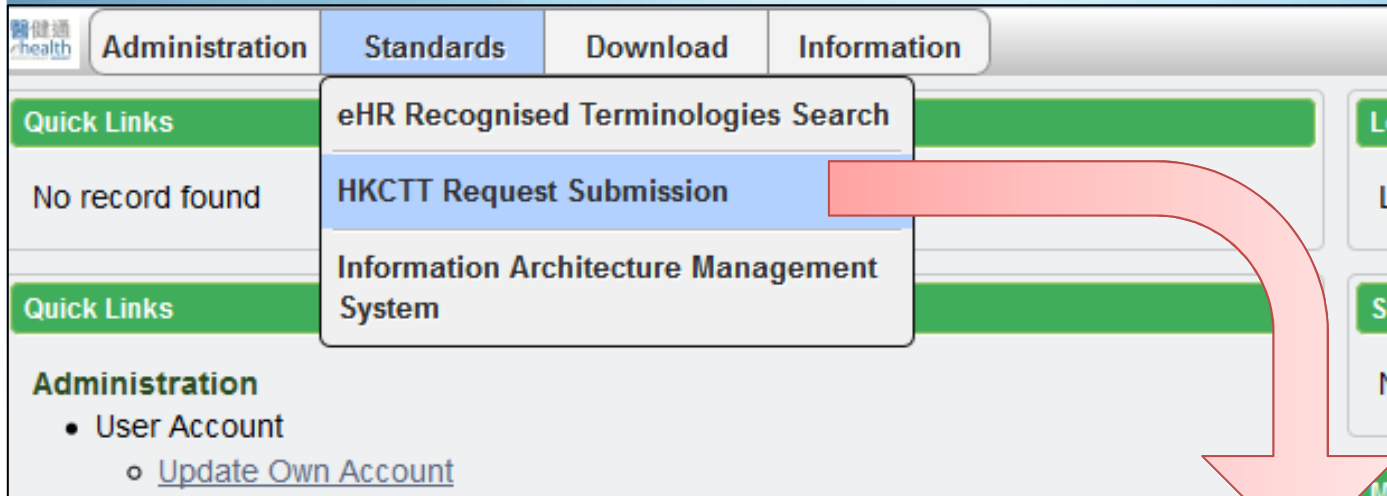


The screenshot shows the HKCTT Request Search page. The page has a navigation bar with tabs for Administration, Standards, Download, and Information. The user is logged in as IAMS_USER IAMS_USER. The page title is "HKCTT Request Search" and there is a "New Request" button. The search criteria are as follows:

Criteria	Result
Request No.:	<input type="text"/>
Keyword:	<input type="text"/>
Request:	<input checked="" type="radio"/> My requests <input type="radio"/> My Organizations requests <input type="radio"/> All Requests
Stage:	<input type="checkbox"/> Submitted <input type="checkbox"/> In Progress <input type="checkbox"/> Withdrawn <input type="checkbox"/> Rejected <input type="checkbox"/> Accepted

A "Search" button is located at the bottom right of the page.

HKCTT Request Submission



This screenshot shows the navigation menu of the HKCTT system. The 'Standards' tab is selected, and a dropdown menu is open, highlighting 'HKCTT Request Submission'. A red arrow points from this menu item to the search page below.

Administration Standards Download Information

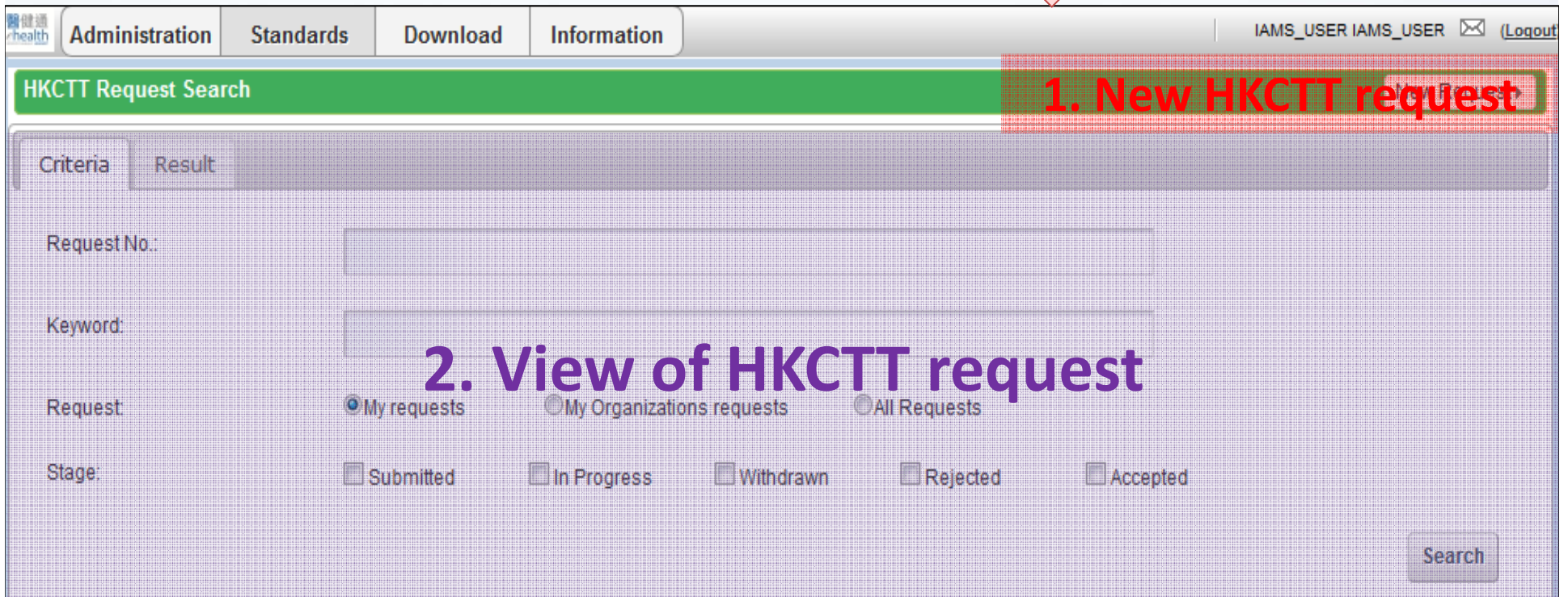
Quick Links eHR Recognised Terminologies Search

No record found HKCTT Request Submission

Quick Links Information Architecture Management System

Administration

- User Account
 - Update Own Account



This screenshot shows the 'HKCTT Request Search' page. The page has a search bar and several filters. A red box highlights the search bar with the text '1. New HKCTT request'. A purple box highlights the filter options with the text '2. View of HKCTT request'.

Administration Standards Download Information IAMS_USER IAMS_USER (Logout)

HKCTT Request Search

1. New HKCTT request

Criteria Result

Request No.:

Keyword:

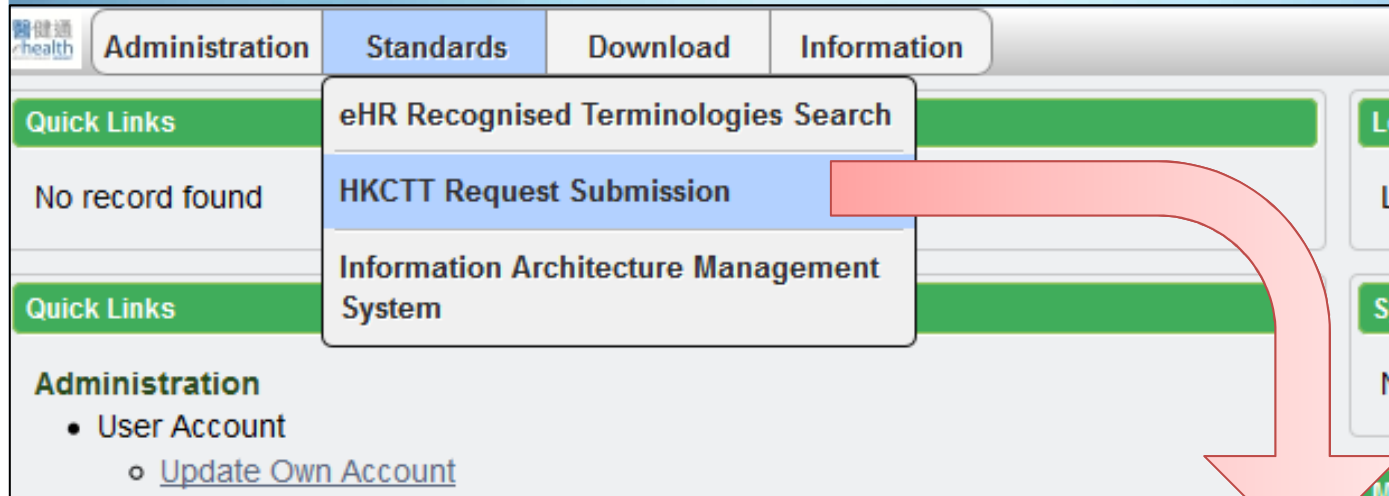
Request: My requests My Organizations requests All Requests

Stage: Submitted In Progress Withdrawn Rejected Accepted

Search

2. View of HKCTT request

HKCTT Request Submission



This screenshot shows the navigation menu of the HKCTT system. The 'Standards' tab is selected, and a dropdown menu is open, highlighting 'HKCTT Request Submission'. A red arrow points from this menu item to the next screenshot.

- Administration
- Standards
- Download
- Information

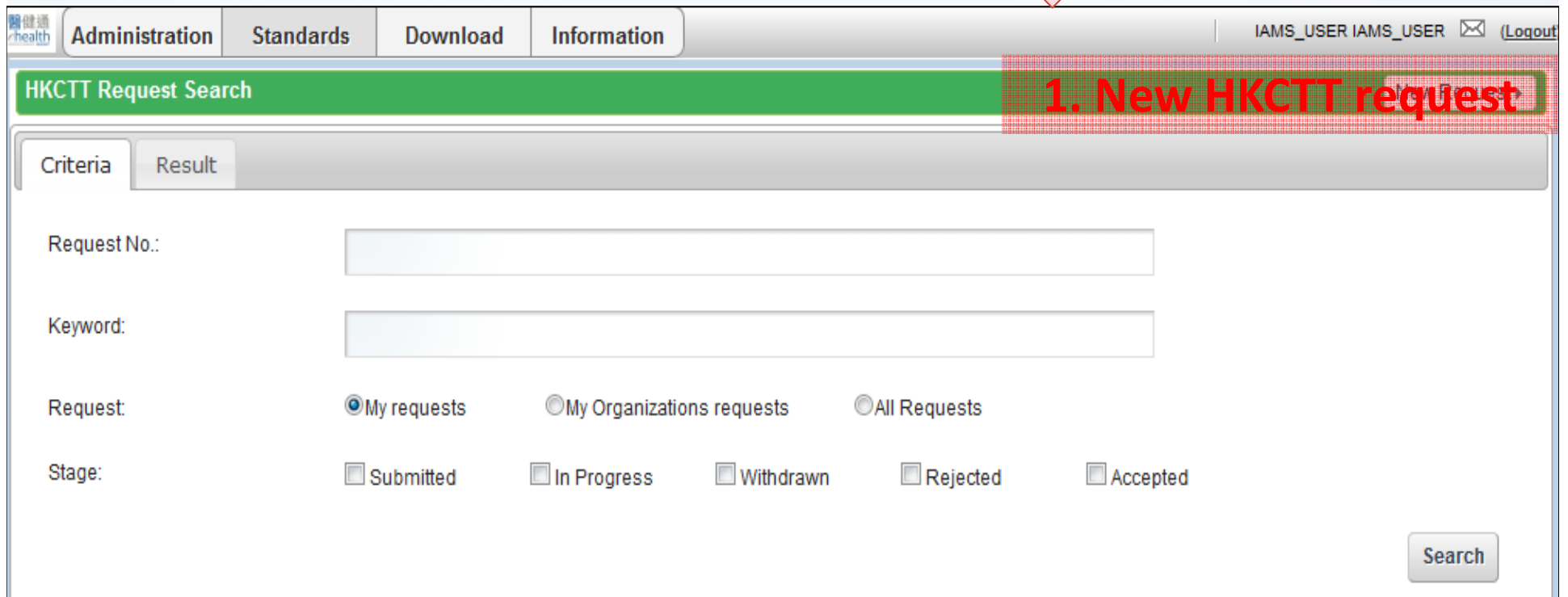
Quick Links

- eHR Recognised Terminologies Search
- HKCTT Request Submission**
- Information Architecture Management System

Quick Links

Administration

- User Account
 - Update Own Account



This screenshot shows the 'HKCTT Request Search' page. A red box highlights the title '1. New HKCTT request'. The page includes search criteria for Request No., Keyword, Request type, and Stage, along with a Search button.

IAMS_USER IAMS_USER (Logout)

HKCTT Request Search

1. New HKCTT request

Criteria Result

Request No.:

Keyword:

Request: My requests My Organizations requests All Requests

Stage: Submitted In Progress Withdrawn Rejected Accepted

Search

1. New HKCTT request

A. New concept

B. Amend concept



1A. New concept

A. New concept

Administration Standards Download Information IAMS_USER IAMS_USER (Logout)

HKCTT Request Search **New Request**

Criteria Result

Request No.:

Keyword:

Request: My requests My Organizations requests All Requests

Stage: Submitted In Progress Withdrawn Rejected Accepted

Search

A. New concept

HKCTT Request Submission		Search Submitted Request ▶
Request Type *	<input checked="" type="radio"/> New Concept <input type="radio"/> Amend Concept	
Nature *	Diagnosis (Dx) ▼ Diagnosis (Dx) Procedure (Px) Laboratory Test Organism Specimen	
* Mandatory Field		Next

A. New concept

HKCTT Request Submission

Search Submitted Request ▶

Request Type *

New Concept

Amend Concept

Nature *

Diagnosis (Dx) ▼

* Mandatory Field

Next

HKCTT Request Submission

Search Submitted Request ▶

Nature

Diagnosis (Dx)

Request Type


New Concept

Request Summary *

Description *

Alias



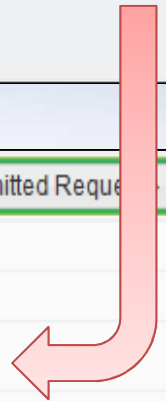
Request Details * 

Max. 2000 characters

* Mandatory Field

Cancel

Submit



A. New concept – Dx example

HKCTT Request Submission

Nature Diagnosis (Dx)

Request Type New Concept

Request Summary * To add SARS as new concept

Description * Severe acute respiratory syndrome

Alias + SARS

Request Details * Severe acute respiratory syndrome is a serious form of pneumonia. It is caused by a member of a coronavirus family of viruses called SARS-associated coronavirus (SARS-CoV).

Max. 2000 characters

* Mandatory Field

Cancel

Submit

Request Summary

Brief summary on what the request is about

Description

Description of the requested term

Alias

Any other names that would facilitate searching of the requested term

Reference Information

- Examples:
1. Nature of condition (inflammation, infarct, neoplasm, i
 2. Body system or site (circulatory, respiratory, digestive, t
 3. Cause (genetic, congenital, organism, drug, trauma, post – surgery, ...)
 4. Onset & course (acute, chronic, intermittent, ...)

Submit

Request no. would be auto-generated by system

A. New concept – Dx example

HKCTT Request Submission

New Request ▶

Search Submitted Request ▶

✔ Request was successfully submitted. (Request No.: 34)

Request No	34
Stage	Submitted
Nature	Diagnosis (Dx)
Request Type	New Concept
Request HCP	Virtual Unit B
Request Summary	To add SARS as new concept
Description	Severe acute respiratory syndrome
Alias	SARS
Request Details & Reference Information	Severe acute respiratory syndrome is a serious form of pneumonia. It is caused by a member of a coronavirus family of viruses called SARS-associated coronavirus (SARS-CoV).
Comment	

Withdraw

A. New concept – Other natures

HKCTT Request Submission Search Submitted Request ▶

Nature

Request Type New Concept

Request Summary *

HKCTT Request Submission Search Submitted Request ▶

Nature

Request Type New Concept

Request Summary *

HKCTT Request Submission Search Submitted Request ▶

Nature

Request Type New Concept

Request Summary *

HKCTT Request Submission Search Submitted Request ▶

Nature

Request Type New Concept

Request Summary *

Description *

Alias

Request Details

Reference Information

Reference Information * Max. 2000 characters

Reference Information * Max. 2000 characters

* Mandatory Field

Cancel Submit

1B. Amend concept



B. Amend concept

Administration Standards Download Information IAMS_USER IAMS_USER (Logout)

HKCTT Request Search **New Request ▶**

Criteria Result

Request No.:

Keyword:

Request: My requests My Organizations requests All Requests

Stage: Submitted In Progress Withdrawn Rejected Accepted

Search

B. Amend concept

HKCTT Request Submission

Search Submitted Request ▶

Request Type *

New Concept

Amend Concept

Nature *

Diagnosis (Dx) ▼

* Mandatory Field

Next

B. Amend concept

HKCTT Request Submission

Search Submitted Request ▶

Nature Diagnosis (Dx)

Request Type Amend Concept

Term ID *

Find

* Mandatory Field

Cancel

Next

Search Concept

✕

Keyword

Contains

Exact Match

Term ID

 ~

Search

Select

Term ID

⌵

Description

⌵

No data available in table

Showing 0 to 0 of 0 entries

First

Previous

Next

Last

B. Amend concept

HKCTT Request Submission

Search Submitted Request ▶

Nature Diagnosis (Dx)

Request Type Amend Concept

Term ID *

* Mandatory Field

Search Concept ✕

Keyword

Measles

Contains

Exact Match

Term ID

 ~

Term ID ⌵ Description ⌵

No data available in table

Showing 0 to 0 of 0 entries

B. Amend concept

HKCTT Request Submission

Search Submitted Request ▶

Nature Diagnosis (Dx)

Request Type Amend Concept

Term ID *

Find

* Mandatory Field

Cancel

Next

Search Concept

✕

Keyword

Measles

Contains

Exact Match

Term ID

~

Search

Select

Term ID	Description
944	Measles
941	Measles keratoconjunctivitis
942	Measles with complication

Showing 0 to 0 of 0 entries

First Previous Next Last

B. Amend concept

HKCTT Request Submission

Search Submitted Request ▶

Nature Diagnosis (Dx)

Request Type Amend Concept

Term ID * Find

* Mandatory Field

Cancel Next

Search Concept

Keyword

Measles

Contains

Exact Match

Term ID

~

Search

Select

Term ID

Description

944

Measles

941

Measles keratoconjunctivitis

942

Measles with complication

Showing 0 to 0 of 0 entries

First Previous Next Last

B. Amend concept

HKCTT Request Submission Search Submitted Request ▶

Nature	Diagnosis (Dx)		
Request Type	Amend Concept		
Term ID *	<input type="text" value="944"/>	<input type="button" value="Find"/>	

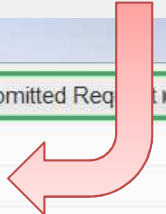
* Mandatory Field

HKCTT Request Submission Search Submitted Request ▶

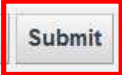
Nature *	Diagnosis (Dx)		
Request Type *	Amend Concept		
Term ID *	944		
Request Summary *	To add SNOMED CT mapping to Term ID 944 Measles		
Description *	Measles		
Alias			
Validation Rule	Principal	Yes	Sex N/A Age N/A
ICD10-2001	B05.9		ICD10-2001 Asso
ICD10-2010+MBD			ICD10-2010+MBD Asso
ICPC2			ICPC2 Asso
SNOMED CT			HK SCT
Request Details & Reference Information *	To add SNOMED CT 14189004 measles (disorder) as exact match mapping to Term ID 944 Measles		

Max. 2000 characters

* Mandatory Field



Submit
Request no. would be auto-generated by system



B. Amend concept

HKCT Request Submission

New Request ▶

Search Submitted Request ▶

✔ Request was successfully submitted. (Request No.: 35)

Request No	35					
Stage	Submitted					
Nature	Diagnosis (Dx)					
Request Type	Amend Concept					
Request HCP	Virtual Unit B					
Term ID	944					
Request Summary	To add SNOMED CT mapping to Term ID 944 Measles					
Description	Measles					
Alias						
Validation Rule	Principal	Yes	Sex	N/A	Age	N/A
ICD10-2001	B05.9		ICD10-2001 Asso			
ICD10-2010+MBD			ICD10-2010+MBD Asso			
ICPC2			ICPC2 Asso			
SNOMED CT			HKSCT			
Request Details & Reference Information	To add SNOMED CT 14189004 measles (disorder) as exact match mapping to Term ID 944 Measles					
Comment						

Withdraw

2. View of HKCTT request

2. View of HKCTT request

醫健通 ehealth | Administration | Standards | Download | Information | IAMS_USER IAMS_USER | (Logout)

HKCTT Request Search [New Request](#)

Criteria | Result

Request No.:

Keyword:

Request: My requests My Organizations requests All Requests

Stage: Submitted In Progress Withdrawn Rejected Accepted

1. New HKCTT request

2. View of HKCTT request

2. View of HKCTT request

醫健通 ehealth | Administration Standards Download Information | IAMS_USER IAMS_USER (Logout)

HKCTT Request Search New Request ▶

Criteria Result

Request No.:

Keyword:

Request: My requests My Organizations requests All Requests

Stage: Submitted In Progress Withdrawn Rejected Accepted

2. View of HKCTT request

醫健通 health Administration Standards Download Information IAMS_USER IAMS_USER (Logout)

HKCTT Request Search

New Request ▶

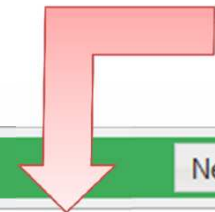
Criteria Result

Request No.:

Keyword:

Request: My requests My Organizations requests All Requests

Stage: Submitted In Progress Withdrawn Rejected Accepted



HKCTT Request Search

New Request ▶

Criteria Result

Request Date	Request No.	Request Stage	Request Summary
07/04/2014	35	Submitted	To add SNOMED CT mapping to Term ID 944 Measles
07/04/2014	34	Submitted	To add SARS as new concept

2. View of HKCTT request

HKCTT Request Search

New Request ▶

Criteria	Result			
				View
Request Date ▾	Request No. ▾	Request Stage ▾	Request Summary	
07/04/2014	35	Submitted	To add SNOMED CT mapping to Term ID 944 Measles	
07/04/2014	34	Submitted	To add SARS as new concept	

HKCTT Request Submission

New Request ▶

Search Submitted Request ▶

Request No	35		
Stage	Submitted		
Nature	Diagnosis (Dx)		
Request Type	Amend Concept		
Request HCP	Virtual Unit B		
Term ID	944		
Request Summary	To add SNOMED CT mapping to Term ID 944 Measles		
Description	Measles		
Alias			
Validation Rule	Principal	Yes	Sex N/A Age N/A
ICD10-2001	B05.9		ICD10-2001 Asso
ICD10-2010+MBD			ICD10-2010+MBD Asso
ICPC2			ICPC2 Asso
SNOMED CT			HKSCT
Request Details & Reference Information	To add SNOMED CT 14189004 measles (disorder) as exact match mapping to Term ID 944 Measles		
Comment			

[Withdraw](#)



2. View of HKCTT request

Request No:
– Auto generated by system

Stage:
– Submitted
– In progress
– Accepted
– Rejected
– Withdrawn

Request details:
– Details of the request

HKCTT Request Submission	
Request No	35
Stage	Submitted
Nature	Diagnosis (Dx)
Request Type	Amend Concept
Request HCP	Virtual Unit B
Term ID	944
Request Summary	To add SNOMED CT mapping to Term ID 944 Measles
Description	Measles
Alias	
Validation Rule	Principal Yes Sex N/A Age N/A
ICD10-2001	B05.9 ICD10-2001 Asso
ICD10-2010+MBD	ICD10-2010+MBD Asso
ICPC2	ICPC2 Asso
SNOMED CT	HKSCT
Request Details & Reference Information	To add SNOMED CT 14189004 measles (disorder) as exact match mapping to Term ID 944 Measles
Comment	

[Withdraw](#)

Notification

- Notification through eHR inbox
 1. Acknowledgement of submitted requests
 - Request stage: Submitted
 2. Acknowledgement of result
 - Request stage: Accepted/Rejected



Notification - Submitted

- **Title:**

HKCTT request #34 was received on 07/04/2014

- **Message:**

Thank you very much for using the HKCTT Request Submission. We have received your request and it has been assigned request number 12345.

Request Summary

Type	Create new concept
Request Summary	To add SARS as new concept
Description	Severe acute respiratory syndrome
Nature	Diagnosis (Dx)

Request Progress

You may view the status of this request at [HKCTT Request Submission](#).

Thank you very much for using the HKCTT Request System.
Thank you for your contribution to HKCTT.

eHR Information Standards Office

Disclaimer

All requests will be reviewed and prioritized as per the eHRISO's internal policies and procedures.



Notification - Rejected

- Title:

HKCTT request #20 was rejected on 29/10/2013

- Message:

Your HKCTT request (Request number 20) has been closed with the status Rejected on 20/11/2013

Request Summary

Type	Create new concept
Request Summary	Add new concept 'acute respiratory distress'
Description	Acute respiratory distress
Nature	Diagnosis (Dx)

Reject Reason

Request Comment

Request Progress

Your request has been rejected with the following reason:

Duplicate concept.

Editor Comment: On revision, there is already an existing concept "Term ID 31174 respiratory distress" with the alias "acute respiratory distress".

You may view the status of this request at [HKCTT Request Submission](#).

Thank you very much for using the HKCTT Request System.

Thank you for your contribution to HKCTT.

eHR Information Standards Office

Disclaimer

All requests will be reviewed and prioritized as per the eHRISO's internal policies and procedures.

SNOMED CT Recommendations

- eHRISO welcome any enquiries or recommendations related to SNOMED CT
- Submission mechanism in eHR portal for SNOMED CT is currently in development



Where can I find more info?

Details on maintenance of HKCTT and request submission are documented in:

Guide on Implementation & Maintenance of the HKCTT



**Guide on Implementation & Maintenance
of the
Hong Kong Clinical Terminology Table**
[Document Reference No. G54]
Version 1.0.0

Thank You!

