

| Form     | Entity Name  |   | Data Type<br>(code) | Data Type<br>(description) | Code<br>Table                   | Remark   | Data requirement<br>(Certified Level 1)   | Example (Medical referring to Surgical)    | Example (Surgical reply )                  | Example (GP refer private laboratory)      | Example (HA refer private radiology)       |
|----------|--|---|---------------------|----------------------------|---------------------------------|--|---|--|--|--|--|
| Referral | Referral date  | Date when the referral / reply to the referral was issued   | TS                  | Time stamp                 |                                 |  | М   | 2 01 2011                                  | 3 01 2011                                  | 2 01 2011                                  | 2 01 2011                                  |
| Referral | Type of referral document code                                       | [eHR value] of the "Type of referral document" code table. Type of referral document is to define whether it is a referral or a reply to a referral.  | CE                  | Coded<br>element           | Type of<br>referral<br>document |  | 0   | Request                                    | Reply                                      | Request                                    | Request                                    |
| Referral | Type of referral document description                                | [eHR description] of the "Type of referral document" code table, it should be the<br>corresponding description of the selected [Type of referral document code]. Type of<br>referral document is to define whether it is a referral or a reply to a referral.                   | ST                  | String                     | Type of<br>referral<br>document |  | M if [Type of referral document code] is given<br>NA if [Type of referral document code] is blank   | Request                                    | Reply referral                             | Request referral                           | Request referral                           |
| Referral | Type of referral document local description                          | Local description created by the healthcare provider for the type of referral document. Type of referral document is to define whether it is a referral or a reply to a referral.   | ST                  | String                     |                                 |  | M if [Type of referral document code] is given NA if [Type of referral document code] is blank  | Referral request                           | Reply referral                             | Referral request                           | Referral request                           |
| Referral | Referral document reference number                                   | A reference number for the referral / reply record issued by the healthcare institution. This number will be served as a part of the eReferral number for e-Referral.   | ST                  | String                     |                                 |  | 0   | 125600                                     | ST1234                                     | 1234567 (Laboratory test order number)     | 7654321 (Radiology request number)         |
| Referral | Referral document issuance - healthcare provider identifier          | The healthcare provider who issued the referral / reply record. It is the [HCP identifier] in the eHR Healthcare Provider Index.  | ST                  | String                     |                                 | Refer to Provider Registry   | 0   | 96543212345                                | 999999999                                  | 12345678901                                | 96543212345                                |
| Referral | Referral document issuance - healthcare provider long name           | The healthcare provider who issued the referral / reply record. It is the [HCP displayed English long name] or the [HCP displayed Chinese long name] in eHR Healthcare Provider Index. It should be the corresponding description of the selected [HCP identifier].             | ST                  | String                     |                                 | Refer to Provider Registry   | M if [Referral document issuance - healthcare provider identifier] is given  NA if [Referral document issuance - healthcare provider identifier] is blank                 | Hospital Authority                         | Hong Kong Sanatorium<br>& Hospital Limited | XYZ Health Group                           | Hospital Authority                         |
| Referral | Referral document issuance - healthcare provider<br>local name       | Local description of the healthcare provider who issued the referral / reply record   | ST                  | String                     |                                 | If the [Referral document issuance -<br>healthcare institution identifier] is<br>referred to the institution under | М   | Hospital Authority                         | Hong Kong San                              | XYZ Health Group                           | Hospital Authority                         |
| Referral | Referral document issuance - healthcare institution identifier       | The healthcare institution who issued the referral / reply record. It is the [HCI identifier] in the eHR Healthcare Provider Index.   | ST                  | String                     |                                 | Refer to Provider Registry   | 0   | 7356971190                                 |  |  | 7356971190                                 |
| Referral | Referral document issuance - issued healthcare institution long name | The healthcare institution who issued the referral / reply record. It is the [HCI displayed English long name] or the [HCI displayed Chinese long name] in eHR Healthcare Provider Index. It should be the corresponding description of the selected [HCI identifier].          | ST                  | String                     |                                 | Refer to Provider Registry   | M if (Referral document issuance - healthcare<br>institution identifier) is given<br>NA if (Referral document issuance - healthcare<br>institution identifier) is blank   | Kowloon Hospital                           |  |  | Kowloon Hospital                           |
| Referral | Referral document issuance - healthcare institution local name       | Local description for the healthcare institution who issued the referral / reply record   | ST                  | String                     |                                 |  | М   | Kowloon Hospital                           | Hong Kong San                              | The Children Clinic                        | Kowloon Hospital                           |
| Referral | Referral document issuance - healthcare specialty identifier         | [eHR value] of the "Specialty" code table. It is the healthcare specialty of the healthcare staff who issued the referral / reply record.   | CE                  | Coded<br>element           | Specialty                       |  | 0   | MED  | SUR  | PAE  | MED  |
| Referral | Referral document issuance - healthcare specialty description        | [eHR description] of the "Specialty" code table. It is the healthcare specialty of the healthcare staff who issued the referral / reply record. It should be the corresponding description of the selected [Referral document issuance - healthcare specialty identifier].      |                     | String                     | Specialty                       |  | M if [Referral document issuance - healthcare specialty identifier] is given  NA if [Referral document issuance - healthcare specialty identifier] is blank               | Internal Medicine                          | General Surgery                            | Paediatrics                                | Internal Medicine                          |
| Referral | Referral document issuance - healthcare specialty local description  | Local description for the healthcare specialty of the healthcare staff who issued the referral / reply record   | ST                  | String                     |                                 |  | M if [Referral document issuance - healthcare specialty identifier] is given  NA if [Referral document issuance - healthcare specialty identifier] is blank               | Medical                                    | Surgical                                   | PAED                                       | Medical                                    |
| Referral | Referral document issuance - healthcare staff identifier             | The healthcare staff who issued the referral / reply record. It is the [HCS identifier] in the eHR Healthcare Staff Index.  | ST                  | String                     |                                 | Refer to Healthcare Staff Index  | 0   | 88888                                      | 99999                                      | 12536                                      | 88888                                      |
| Referral | Referral document issuance - healthcare staff English<br>name        | Full English name (with title, where applicable) of the healthcare staff who issued the referral / reply record.  | ST                  | String                     |                                 |  | 0   | Dr. Chan Tai Man                           | Dr. David Wong                             | Dr. Leo Chan                               | Dr. Chan Tai Man                           |
|          | Referral document issuance - healthcare staff<br>Chinese name        | Full Chinese name (with title, where applicable) of the healthcare staff who issued the referral / reply record.  | ST                  | String                     |                                 |  | 0   | 陳大文醫生                                      | 王大文醫生                                      | 陳文醫生                                       | 陳大文醫生                                      |
| Referral | Your referral reference number                                       | [Your referral reference number] is used in replying a referral request. It is the reference number of the referral request issued by the referring healthcare provider.  | ST                  | String                     |                                 |  | O if [Type of referral document code] = "Reply" NA if [Type of referral document code] <> "Reply"   |  | 125600                                     |  |  |
| Referral | Referral document recipient - healthcare provider identifier         | The healthcare provider to whom the referral / reply record is sent. It is the [HCP identifier] in the eHR Healthcare Provider Index.   | ST                  | String                     |                                 | Refer to Provider Registry   | 0   | 99999999                                   |  | 9999999                                    | 9999999                                    |
| Referral | Referral document recipient - healthcare provider lon-<br>name       | The healthcare provider to whom the referral / reply record is sent. It is the [HCP displayed English long name] or the [HCP displayed Chinese long name] in the eHR Healthcare Provider Index. It should be the corresponding description of the selected [HCP identifier].    | ST                  | String                     |                                 | Refer to Provider Registry   | M if [Referral document recipient - healthcare provider identifier] is given NA if [Referral document recipient - healthcare provider identifier] is blank                | Hong Kong Sanatorium<br>& Hospital Limited |  | Hong Kong Sanatorium<br>& Hospital Limited | Hong Kong Sanatorium<br>& Hospital Limited |
| Referral | Referral document recipient - healthcare provider loca<br>name       | al Local description of the healthcare provider to whom the referral / reply record is sent   | ST                  | String                     |                                 |  | 0   | HKSHL                                      |  | HKSHL                                      | HKSHL                                      |
| Referral | Referral document recipient - healthcare institution identifier      | The healthcare institution to whom the referral / reply record is sent. It is the [HCI identifier] in the eHR Healthcare Provider Index.  | ST                  | String                     |                                 | Refer to Provider Registry   | 0   | HKSH                                       |  | HKSH                                       | HKSH                                       |
| Referral | Referral document recipient - healthcare institution long name       | The healthcare institution to whom the referral / reply record is sent. It is the [HCI displayed English long name] or the [HCI displayed Chinese long name] in the eHR Healthcare Provider Index. It should be the corresponding description of the selected [HCI identifier]. | ST                  | String                     |                                 | Refer to Provider Registry   | M if [Referral document recipient - healthcare<br>institution identifier] is given<br>NA if [Referral document recipient - healthcare<br>institution identifier] is blank | Hong Kong Sanatorium &<br>Hospital         |  | Hong Kong Sanatorium &<br>Hospital         | Hong Kong Sanatorium &<br>Hospital         |
| Referral | Referral document recipient - healthcare institution local name      | Local description for the healthcare institution to whom the referral / reply record is sent  | ST                  | String                     |                                 |  | 0   | Hong Kong San                              |  | Hong Kong San                              | Hong Kong San                              |
| Referral | Referral document recipient - healthcare specialty identifier        | [eHR value] of the "Specialty" code table. It is the healthcare specialty of the healthcare staff to whom the referral / reply record is sent.  | CE                  | Coded<br>element           | Specialty                       |  | 0   | SUR  | MED  | PATH                                       | RAD  |

| Form    | Entity Name   | Definition   | Data Type<br>(code) | Data Type<br>(description) | Code<br>Table | Remark                          | Data requirement<br>(Certified Level 1)   | Example (Medical referring to Surgical) | Example (Surgical reply ) | Example (GP refer private<br>laboratory) | Example (HA refer private radiology) |
|---------|---|--|---------------------|----------------------------|---------------|---------------------------------|---|---|---------------------------|--|--------------------------------------|
| Referra | al Referral document recipient - healthcare specialty description       | [eHR description] of the "Specialty" code table. It is the healthcare specialty of the healthcare staff to whom the referral / reply record is sent. It should be the corresponding description of the selected [Referral document recipient - healthcare specialty identifier]. |                     | String                     | Specialty     |                                 | M if [Referral document recipient - healthcare specialty identifier] is given  NA if [Referral document recipient - healthcare specialty identifier] is blank | General Surgery                         | Internal Medicine         | Pathology                                | Radiology                            |
| Referra | al Referral document recipient - healthcare specialty local description | Local description for the healthcare specialty of the healthcare staff to whom the referral / reply record is sent.  | ST                  | String                     |               |                                 | M if [Referral document recipient - healthcare specialty identifier] is given  NA if [Referral document recipient - healthcare specialty identifier] is blank | Surgical                                | Medical                   | Patho                                    | Radiology                            |
| Referra | Referral document recipient - healthcare staff identifier               | The healthcare staff to whom the referral / reply record was sent. It is the [HCS identifier] in the eHR Healthcare Staff Index.   | ST                  | String                     |               | Refer to Healthcare Staff Index | 0   | 99999                                   | 88888                     |  |                                      |
| Referra | al Referral document recipient - healthcare staff English<br>name       | Full English name (with title, where applicable) of the healthcare staff to whom the referral / reply record is sent.  | ST                  | String                     |               |                                 | 0   | Dr. David Wong                          | Dr. Chan Tai Man          |  |                                      |
| Referra | al Referral document recipient - healthcare staff<br>Chinese name       | Full Chinese name (with title, where applicable) of the healthcare staff to whom the referral / reply record is sent.  | ST                  | String                     |               |                                 | 0   | 王大文醫生                                   | 陳大文醫生                     |  |                                      |
| Referra | Referral report title   | The title of the referral / reply record   | ST                  | String                     |               |                                 | 0   | Surgical Referral                       | Referral reply            | Pathological Referral                    | MRI Referral                         |
| Referra | al Referral report (PDF)  | Referral / reply record in Portable Document Format (PDF)  | ED                  | Encapsulated data          |               |                                 | M if [Referral report (Text)] is blank  | 7                                       | 7                         | 7  | 7                                    |
| Referra | ll Referral report (Text)   | Referral / reply record in text format   | TX                  | Text                       |               |                                 | M if [Referral report (PDF)] is blank   |   |                           |  |                                      |
|         | Al Referral remark  | The additional information about the referral / reply record   | TX                  | Text                       |               |                                 | 0   | ahc                                     | abc                       | ahc                                      | abc.                                 |

## Type of referral document

Purpose: to define the type of referral document

| Term ID | eHR Value | eHR Description          | Definition  |
|---------|-----------|--------------------------|---|
|         | Request   | Request referral         | The request referral document is made by a healthcare provider (referring |
| 9050377 |           |                          | provider) to refer a patient to other healthcare providers such as        |
|         |           |                          | specialists for ongoing care.   |
| 9050374 | Reply     | I Reniv referral         | The reply document to a request referral is made by the referred          |
| 9030374 |           |                          | healthcare provider.  |
| 9050468 | Unknown   | Unknown type of referral | The type of referral document is not known.                               |

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Specialty
Purpose: to identify a list of specialty in healthcare setting
Reference: Hong Kong Medical Council & Hospital Authority

| Reference: Hor | ng Kong Medical Council & Hos | spital Authority   |
|----------------|-------------------------------|--|
|                |                               |  |
| Term ID        | eHR Value                     | eHR Description  |
| 9050012        | ANA                           | Anaesthesiology  |
| 9050061        | CARDIO                        | Cardiology   |
| 9050062        | CTS                           | Cardio-thoracic Surgery  |
| 9050078        | ONC                           | Clinical Oncology  |
| 9050079        | CLIN_PHAR                     | Clinical Pharmacology and Therapeutics   |
| 9050084        | COM_MED                       | Community Medicine   |
| 9050093        | CRIT_MED                      | Critical Care Medicine   |
| 9050101        | DEN                           | Dental Medicine  |
| 9050103        | DERMAT                        | Dermatology & Venereology  |
| 9050120        | EM                            | Emergency Medicine   |
| 9050121        | ENDO_DM                       | Endocrinology, Diabetes & Metabolism   |
| 9050133        | FM                            | Family Medicine  |
| 9050146        | GI_HEP                        | Gastroenterology and Hepatology  |
| 9050150        | SUR                           | General Surgery  |
| 9050152        | GER                           | Geriatric Medicine   |
| 9050168        | GYN ONC                       | Gynaecological Oncology  |
| 9050171        | HAEMAT                        | Haematology & Haematological Oncology  |
| 9050191        | IMMUNO                        | Immunology & Allergy   |
| 9050196        | INFECT_D                      | Infectious Disease   |
| 9050199        | ICU                           | Intensive Care   |
| 9050201        | MED                           | Internal Medicine  |
| 9050201        | OBS                           | Maternal & Fetal Medicine  |
| 9050263        | MED_ONCO                      | Medical Oncology   |
|                |                               |  |
| 9050287        | NEPHRO                        | Nephrology   |
| 9050289        | NEUROL                        | Neurology  |
| 9050290        | NS                            | Neurosurgery   |
| 9050307        | OG                            | Obstetrics & Gynaecology   |
| 9050308        | OCCMED                        | Occupational Medicine  |
| 9050312        | OPH                           | Ophthalmology  |
| 9050315        | ORT                           | Orthopaedics & Traumatology  |
| 9050326        | ENT                           | Otorhinolaryngology  |
| 9050330        | PAESUR                        | Paediatric Surgery   |
| 9050331        | PAE                           | Paediatrics  |
| 9050335        | PALMED                        | Palliative Medicine  |
| 9050340        | PATH                          | Pathology  |
| 9050349        | PLASTICS                      | Plastic Surgery  |
| 9050362        | PSY                           | Psychiatry   |
| 9050367        | RAD                           | Radiology  |
| 9050373        | REH                           | Rehabilitation   |
| 9050376        | REPMED                        | Reproductive Medicine  |
| 9050380        | RESPMED                       | Respiratory Medicine   |
| 9050381        | RHEUMA                        | Rheumatology   |
| 9050471        | UROGYN                        | Urogynaecology   |
| 9050472        | UROL                          | Urology  |
| 9050506        | CM                            | Chinese Medicine   |
| 9050025        | AUD                           | Audiology  |
| 9050507        | CHIRO                         | Chiropractic   |
| 9050080        | CLPSY                         | Clinical Psychology  |
| 9050505        | DIET                          | Dietetics  |
|                |                               |  |
| 9050264        | MSW                           | Medical Social Work  |
| 9050309        | OT                            | Occupational Therapy   |
| 9050313        | OPT                           | Optometry  |
| 9050316        | ORTH                          | Orthoptics   |
| 9050347        | PT                            | Physiotherapy  |
| 9050350        | POD                           | Podiatry   |
| 9050359        | P&O                           | Prosthetics & Orthotics  |
| 9050421        | SPTH                          | Speech Therapy   |
| 9050323        | ОТН                           | Other specialty  |
|                | 1 - 111                       | The state of the s |