

## 22.03. Foreign keys

| ID Field                     | Foreign Keys  | One-to-Many | Many-to-One |
|------------------------------|---|-------------|-------------|
| [abbreviation]ID             |   |             |             |
| [account]ID                  | [item]account_income_ID   | -           | -           |
| [account]ID                  | [item]account_purchases_ID  | -           | -           |
| [account]ID                  | [item]account_stock_ID  | -           | -           |
| [account]ID                  | [period_amount]account_code_ID  | -           | -           |
| [Admitted_from]ID            |   |             |             |
| [asset]ID                    | [log]source_record_ID<br>[HIS_ENCOUNTER]ADMITTED_FROM_ID  |             |             |
| [asset_condition]ID          | [asset]condition_id   |             |             |
| [asset_location]ID           | [asset]location_id  |             |             |
| [asset_status]ID             | [asset]status_id  |             |             |
| [asset_type]ID               | [asset]type_id  |             |             |
| [backorder]ID                | [trans_line]source_backorder_id   |             |             |
| [bill_of_material]ID         |   |             |             |
| [bom_master]ID               | [bill_of_material]BOM_master_id   |             |             |
| [box]ID                      | [box_line]box_ID  | -           | -           |
| [box_line]ID                 |   |             |             |
| [budget_period]ID            | [transact]budget_period_ID<br>[Goods_received]budget_ID<br>[purchase_order]budget_period_ID<br>[name_budget]budget_period_ID<br>[period_amount]budget_period_ID |             |             |
| [clinician]ID                | [transact]prescriber_ID<br>[HIS_ENCOUNTER_DISEASE]DIAGNOSED_BY  |             |             |
| [contact]ID                  | [contact_group_membership]contact_id<br>[transact]contact_id  |             |             |
| [contact_group]ID            | [contact_group_membership]contact_group_id  |             |             |
| [contact_group_membership]ID |   |             |             |
| [currency]ID                 | [purchase_order]currency_ID<br>[quote_line]currency_ID<br>[transact]currency_ID<br>[name]currency_ID<br>[quote]currency_ID                                      |             |             |
| [custom_data]ID              |   |             |             |
| [custom_data_category]ID     | [custom_data]category_id  |             |             |
| [dashboard_report]ID         |   |             |             |
| [DOC_REFERENCE]ID            |   |             |             |
| [Drug_interaction]ID         |   |             |             |
| [Drug_interaction_group]ID   | [Drug_interaction]affected_group_ID<br>[Drug_interaction]affecting_group_ID<br>[item]interaction_group_ID   |             |             |
| [Drug_register]ID            | [Drug_interaction]source_ID   |             |             |
| [drug_register_category1]ID  | [Drug_register]category1_ID   |             |             |
| [drug_register_category2]ID  | [Drug_register]category2_ID   |             |             |
| [Ethnicity]ID                | [name]ethnicity_ID  |             |             |
| [Goods_received]ID           | [Goods_received_line]goods_received_ID<br>[transact]goods_received_ID   |             |             |
| [Goods_received_line]ID      | [trans_line]goods_received_lines_ID   |             |             |

| ID Field                   | Foreign Keys   | One-to-Many | Many-to-One |
|----------------------------|--|-------------|-------------|
| [HIS_BED]ID                | [HIS_ENCOUNTER_LOCATION]BED_ID   |             |             |
| [HIS_BIRTH]ID              |  |             |             |
| [HIS_DISCHARGE_TO]ID       | [HIS_ENCOUNTER]DISCHARGE_ID  |             |             |
| [HIS_DISEASE]ID            | [HIS_ENCOUNTER_DISEASE]DISEASE_ID  |             |             |
| [HIS_ENCOUNTER]ID          | [HIS_ENCOUNTER_LOCATION]ENCOUNTER_ID<br>[transact]encounter_id<br>[HIS_PROCEDURE]ENCOUNTER_ID<br>[HIS_BIRTH]encounter_id<br>[HIS_ENCOUNTER_DISEASE]ENCOUNTER_ID<br>[log]source_record_ID   |             |             |
| [HIS_ENCOUNTER_DISEASE]ID  |  |             |             |
| [HIS_ENCOUNTER_LOCATION]ID | [HIS_PROCEDURE]ENCOUNTER_LOCATION_ID   |             |             |
| [HIS_PROCEDURE]ID          |  |             |             |
| [HIS_WARD]ID               | [HIS_BED]WARD_ID   |             |             |
| [ID_changes]ID             |  |             |             |
| [item]ID                   | [backorder]item_ID<br>[item_store_join]item_ID<br>[trans_line]item_ID<br>[Goods_received_line]item_ID<br>[item_line]item_ID<br>[purchase_order_line]item_ID<br>[item_direction]item_ID<br>[item_warning_link]item_ID<br>[quote_line]item_ID<br>[log]source_record_ID<br>[name_s_h_line]item_ID<br>[item_note]item_ID<br>[item_AMC_projection]item_id<br>[list_name_join]item_ID<br>[list_master_line]item_ID<br>[asset_type]item_id<br>[bom_master]ingredient_item_ID<br>[Drug_register]Item_ID<br>[item]cross_ref_item_ID<br>[patient_medication]item_ID<br>[tender_line]item_ID<br>[bill_of_material]item_ID<br>[HIS_PROCEDURE]ITEM_ID<br>[Stock_take_lines]item_ID<br>[bom_master]item_ID |             |             |
| [item_AMC_projection]ID    |  |             |             |
| [item_category]ID          | [item]category_ID  |             |             |
| [item_category_level1]ID   | [item_category_level2]parent_ID  |             |             |
| [item_category_level2]ID   | [item_category]parent_ID   |             |             |
| [item_category2]ID         | [item]category2_ID   |             |             |
| [item_category3]ID         | [item]category3_ID   |             |             |
| [item_department]ID        | [permission]item_dept_ID<br>[item]department_ID  |             |             |
| [item_direction]ID         |  |             |             |
| [item_line]ID              | [trans_line]item_line_ID<br>[Stock_take_lines]item_line_ID<br>[DOC_REFERENCE]LINKED_RECORD_ID<br>[Item_line_note]IL_ID   |             |             |
| [Item_line_note]ID         |  |             |             |

| ID Field                | Foreign Keys   | One-to-Many | Many-to-One |
|-------------------------|--|-------------|-------------|
| [item_note]ID           |  |             |             |
| [item_store_join]ID     |  |             |             |
| [item_warning_link]ID   |  |             |             |
| [label]ID               |  |             |             |
| [list_group]ID          | [list_name_join]favourite_group_ID   |             |             |
| [list_master]ID         | [list_master_line]item_master_ID<br>[list_group]master_group_ID  |             |             |
| [list_master_line]ID    |  |             |             |
| [list_name_join]ID      |  |             |             |
| [Location]ID            | [item_line]location_ID<br>[item_store_join]default_location_ID<br>[Goods_received_line]location_ID<br>[trans_line]location_ID<br>[Location_coordinate]Location_Id<br>[purchase_order_line]location_ID<br>[Stock_take_lines]location_id<br>[item_store_join]location_bulk_ID<br>[Location]parent_id |             |             |
| [Location_coordinate]ID |  |             |             |
| [Location_type]ID       | [Location]type_ID<br>[item_store_join]restricted_location_type_id  |             |             |
| [log]ID                 |  |             |             |
| [name]ID                | [name_budget]name_ID   |             |             |
|                         | [name]NEXT_OF_KIN_ID   |             |             |
|                         | [name_stock_history]name_ID  |             |             |
|                         | [transact]name_ID  |             |             |

| ID Field                  | Foreign Keys   | One-to-Many | Many-to-One |
|---------------------------|--|-------------|-------------|
|                           | [purchase_order]name_ID<br>[item_line]name_ID<br>[list_group]name_ID<br>[quote_line]name_ID<br>[name_note]name_ID<br>[contact]name_ID<br>[backorder]name_ID_customer<br>[repeat_table]name_ID<br>[backorder]name_ID_supplier<br>[Drug_register]Supplier_ID<br>[Drug_register]Manufacturer_ID<br>[HIS_BIRTH]child_id<br>[HIS_BIRTH]mother_id<br>[HIS_ENCOUNTER]PATIENT_ID<br>[list_name_join]name_ID<br>[log]source_record_ID<br>[patient_medication]name_ID<br>[regimen_record]name_id<br>[name_store_join]name_ID<br>[Goods_received]donor_id<br>[Goods_received_line]manufacturer_ID<br>[item_line]manufacturer_ID<br>[item_line]donor_id<br>[asset]name_id<br>[item_store_join]non_stock_name_ID<br>[purchase_order_line]non_stock_name_ID<br>[purchase_order_line]manufacturer_ID<br>[name]mother_id<br>[purchase_order]donor_id<br>[quote_line]manufacturer_ID<br>[quote]names_ID<br>[store]name_ID<br>[tender]BenchMarkSupplier_ID<br>[trans_line]donor_id<br>[trans_line]manufacturer_ID<br>[transact]donor_default_id<br>[item]non_stock_name_ID |             |             |
| [name_budget]ID           |  |             |             |
| [name_category1]ID        | [name]category1_ID   |             |             |
| [name_category1_level1]ID | [name_category1_level2]parent_ID   |             |             |
| [name_category1_level2]ID | [name_category1]parent_ID  |             |             |
| [name_category2]ID        | [name]category2_ID   |             |             |
| [name_category3]ID        | [name]category3_ID   |             |             |
| [name_category4]ID        | [name]category4_ID   |             |             |
| [name_category5]ID        | [name]category5_ID   |             |             |
| [name_category6]ID        | [name]category6_ID   |             |             |
| [name_group]ID            | [name]group_ID<br>[permission]name_group_ID  |             |             |
| [name_note]ID             |  |             |             |
| [name_s_h_line]ID         |  |             |             |
| [name_stock_history]ID    | [name_s_h_line]name_s_h_ID<br>[name_stock_history]previous_csh_id  |             |             |
| [name_store_join]ID       |  |             |             |
| [number]ID                |  |             |             |
| [number_reuse]ID          |  |             |             |

| ID Field                    | Foreign Keys  | One-to-Many | Many-to-One |
|-----------------------------|---|-------------|-------------|
| [Occupation]ID              | [name]occupation_ID   |             |             |
| [patient_event]ID           | [name_note]patient_event_ID   |             |             |
| [patient_medication]ID      |   |             |             |
| [period_amount]ID           |   |             |             |
| [permission]ID              |   |             |             |
| [pref]ID                    |   |             |             |
| [pref_blob]ID               |   |             |             |
| [purchase_order]ID          | [transact]original_PO_ID<br>[purchase_order_line]purchase_order_ID<br>[Goods_received]purchase_order_ID   |             |             |
| [purchase_order_category]ID | [purchase_order]category_ID   |             |             |
| [purchase_order_line]ID     | [trans_line]order_lines_ID<br>[Goods_received_line]order_line_ID<br>[backorder]order_line_ID  |             |             |
| [quote]ID                   | [quote_line]quote_ID<br>[purchase_order]quote_ID<br>[DOC_REFERENCE]LINKED_RECORD_ID   |             |             |
| [quote_line]ID              | [purchase_order_line]quote_line_ID  |             |             |
| [regimen]ID                 | [regimen_line]regimen_id  |             |             |
| [regimen_line]ID            |   |             |             |
| [regimen_record]ID          | [regimen_line]regimen_record_id   |             |             |
| [Religion]ID                | [name]religion_ID   |             |             |
| [reminder]ID                |   |             |             |
| [repeat_table]ID            | [trans_line]repeat_ID   |             |             |
| [report]ID                  |   |             |             |
| [Reports_By_User]ID         |   |             |             |
| [ship_method]ID             | [transact]ship_method_ID<br>[HIS_ENCOUNTER]TRANSPORT_METHOD_ID  |             |             |
| [sms_msg_processed]ID       |   |             |             |
| [Stock_take]ID              | [Stock_take_lines]stock_take_ID<br>[log]source_record_ID  |             |             |
| [Stock_take_lines]ID        |   |             |             |
| [store]ID                   | [transact]store_ID<br>[item_store_join]store_ID<br>[name_store_join]store_ID<br>[item_line]store_ID<br>[user_store]store_ID<br>[backorder]store_ID<br>[Goods_received]store_ID<br>[tender]store_ID<br>[item_AMC_projection]store_id<br>[Location]store_ID<br>[log]store_ID<br>[name_note]store_ID<br>[name_stock_history]store_ID<br>[name]supplying_store_id<br>[pref_blob]store_id<br>[purchase_order_line]store_ID<br>[purchase_order]store_ID<br>[regimen_record]store_id<br>[Stock_take]store_ID |             |             |
| [sync_out]ID                | [log]source_record_ID   |             |             |

| ID Field                      | Foreign Keys   | One-to-Many | Many-to-One |
|-------------------------------|--|-------------|-------------|
| [tender]ID                    | [tender_line]tender_ID<br>[tender_condition]tender_ID<br>[DOC_REFERENCE]LINKED_RECORD_ID<br>[log]source_record_ID<br>[quote]tender_ID  |             |             |
| [tender_condition]ID          |  |             |             |
| [Tender_condition_category]ID | [tender_condition]Condition_cat_id   |             |             |
| [tender_line]ID               | [quote_line]tender_line_ID   |             |             |
| [trans_line]ID                | [box_line]trans_line_ID<br>[patient_medication]trans_line_ID<br>[trans_line]supp_trans_line_ID_ns  |             |             |
| [trans_note]ID                |  |             |             |
| [transact]ID                  | [box]transactionID<br>[bill_of_material]transaction_ID<br>[trans_line]transaction_ID<br>[log]source_record_ID<br>[trans_note]transact_ID<br>[Stock_take]invad_additions_ID<br>[Stock_take]invad_reductions_ID<br>[HIS_PROCEDURE]INVOICE_ID<br>[backorder]customer_transaction_ID_ordere<br>[backorder]customer_transaction_ID<br>[name_stock_history]nsh_custInv_ID<br>[transact]cust_transaction_id |             |             |
| [transaction_category]ID      | [transact]category_ID  |             |             |
| [unit]ID                      | [item]unit_ID<br>[bill_of_material]unit_ID<br>[bom_master]units_ID<br>[tender_line]unit_ID   |             |             |

| ID Field       | Foreign Keys  | One-to-Many | Many-to-One |
|----------------|---|-------------|-------------|
| [user]ID       | [user]group_ID<br>[name_stock_history]user_ID<br>[user_store]user_ID<br>[transact]user_ID<br>[store]responsible_user_ID<br>[regimen_record]created_by<br>[reminder]created_by_user_ID<br>[reminder]user_ID<br>[DOC_REFERENCE]USER_ID_FIRST_SAVED<br>[DOC_REFERENCE]USER_ID_LAST_MODIFIED<br>[Drug_register]created_by<br>[Goods_received]user_id_modified<br>[Goods_received]user_id_created<br>[report]user_created_ID<br>[purchase_order]created_by<br>[purchase_order]last_edited_by<br>[report]permission_ID<br>[list_master]created_by_user_ID<br>[item_note]created_by_user_ID<br>[item_note]modified_by_user_ID<br>[name_note]created_by_user_ID<br>[name_note]modified_by_user_ID<br>[patient_medication]user_created_ID<br>[patient_medication]user_modified_ID<br>[Stock_take]created_by_ID<br>[Stock_take]finalised_by_ID<br>[tender_condition]created_by_user_id<br>[custom_data]created_by_user_ID<br>[custom_data_category]entered_by_ID<br>[Item_line_note]entered_by_ID<br>[log]user_ID<br>[pref_blob]user_ID<br>[Reports_By_User]user_ID<br>[tender]created_by_user_ID<br>[transact]responsible_officer_ID |             |             |
| [user_store]ID |   |             |             |
| [warning]ID    | [item_warning_link]warning_ID   |             |             |

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