**Maintenance Section**

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| TITLE: | BB\_BLOOD\_PROD\_CHK |
| FILE NAME: | BB\_BLOOD\_PROD\_CHK |
| DATE: | 7/4/14 5:16 AM |
| DURATION: | 7/4/14 12:00 AM to 7/4/00 11:59 PM |
| AUTHORS: | Yitzhak Magoon |
| VERSION: |  |
| INSTITUITION: |  |
| SPECIALIST: |  |
| VALIDATION: | PRODUCTION |

**Library Section**

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| --- | --- |
| PURPOSE: | When a nurse charts that blood was given, validate the product number entered. If it was entered via scanning replace the unnecessary characters. Then, validate the product is the correct product for the patient. If it is not, prompt the user with a discern notify alert telling them to contact the blood bank. |
| EXPLANATION: |  |
| KEY WORDS: |  |
| CITATION: |  |

**Knowledge Section**

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| PRIORITY of MODULE: | 50 |

**Evoke Section**

**Evoke templates used:**   
EKS\_CE\_RESULT\_STATUS\_E

**Evoke on CLINICAL\_EVENT where :**

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| **E1** *EKS\_CE\_RESULT\_STATUS\_E* |
| [Blood Unit Product:] is in any of the statuses listed: [Modified, Modified, Auth (Verified)] |

**Logic Section**

**Logic templates used:**   
EKS\_STOP\_LOGIC\_L, EKS\_CE\_RESULT\_INCOMING\_REQ\_L, EKS\_BUILD\_MESSAGE\_L, EKS\_EVAL\_L, EKS\_CALC\_SAVE\_L, EKS\_LOGIC\_TRUE, EKS\_EXEC\_CCL\_L

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **L1** *EKS\_STOP\_LOGIC\_L* | | | | | |
| the following templates are false, [STOP] logic evaluation | | | | | |
| **AND** | | | | | |
| **L2** *{ TriggerProdID }* *EKS\_CE\_RESULT\_INCOMING\_REQ\_L* | | | | | |
| the triggering request contains a [Auth (Verified), Modified, Modified] result for [Blood Unit ID Number:] that is [not equal to] [ABCXYZ] and [OPT\_VALUE2] | | | | | |
| **AND** | | | | | |
| **L3** *EKS\_BUILD\_MESSAGE\_L* | | | | | |
| [Create] a message named [ProdID] with text of [@RESULTVAL:{TriggerProdId}] preceded by [OPT\_DELIMITER] | | | | | |
| **AND** | | | | | |
| **(** | | | | | |
|  | **(** | | | | |
|  | **L4** *EKS\_EVAL\_L* | | | |
| [Textlen(trim("@RESULTVAL:{TriggerProdId}")) = 16 and substring(1,1, "@RESULTVAL:{TriggerProdId}") = "=" and substring(15,2, "@RESULTVAL:{TriggerProdId}") = "00"] | | | |
| **AND** | | | |
| **L5** *{ ModProdID }* *EKS\_CALC\_SAVE\_L* | | | |
| [set log\_misc1 = substring(2,13, "@RESULTVAL:{TriggerProdId}") go] | | | |
| **AND** | | | |
| **L6** *EKS\_BUILD\_MESSAGE\_L* | | | |
| [Create] a message named [ProdID] with text of [@MISC:{ModProdID}] preceded by [OPT\_DELIMITER] | | | |
| **)** | | | | |
| **OR** | | | | |
| **L7** *EKS\_LOGIC\_TRUE* | |  | | |
| [LOGIC] is true | |
| **)** | | | | | |
| **AND** | | | | | |
| **L8** *EKS\_EXEC\_CCL\_L* | | | | |  |
| Execute [bb\_validate\_pid:group1] with parameters ["@MESSAGE:[ProdId]"] and link to **L2** | | | | |
| **OR** | | | | | |
| **L9** *EKS\_LOGIC\_TRUE* | | | |  | |
| [LOGIC] is true | | | |

**Action Section**

**Action templates used:**   
EKS\_CE\_UPDATE\_CE\_A, EKS\_NOTIFY

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| **Action Group #1** |
| **If** L5 *{ ModProdID }* |
| **A1** *EKS\_CE\_UPDATE\_CE\_A* |
| Create an updated [Modified], [OPT\_NORMALCY] result of [trim("@MESSAGE:[ProdID]")] [OPT\_RESULT\_UNITS] (with [OPT\_NUM\_DEC\_PLACES] decimal places) for the event in template **L2** with [Result Comment] of [Value adjusted from @RESULTVAL:{TriggerProdID}] and [do not] send this event back through Discern Expert |
|  |
| **Action Group #2** |
| **If** L9 |
| **A3** *EKS\_NOTIFY* |
| send subject [Blood Product ID Mismatch] with message [ Blood Product ID: @MESSAGE:[ProdID] was never dispensed to @PATIENT:{TriggerProdId}. Call the Blood Bank immediately and do not transfuse the unit.] to [REPLY] linked to procedure **L2** with priority [HIGH] under categories [APPLICATION] and [DISCERN] |