

Care Area Trigger Specifications Change Document (v1.04.0)

12/11/2018

The following changes to the Care Area Technical Documents were made from V1.03.0 to V1.04.0:

CAT Specifications: 12 Nutritional Status

Previous triggering conditions and pseudocode:

Triggering Conditions (any of the following)

1. Dehydration is selected as a problem health condition as indicated by:
J1550C = 1
2. Body mass index (BMI) is too low or too high as indicated by:
BMI < 18.5000 OR BMI > 24.9000
3. Any weight loss as indicated by a value of 1 or 2 as follows:
K0300 = 1 OR K0300 = 2
4. Any weight gain as indicated by a value of 1 or 2 as follows:
K0310 = 1 OR K0310 = 2
5. Parenteral/IV feeding while NOT a resident or while a resident is used as a nutritional approach as indicated by:
K0510A1 = 1 OR K0510A2 = 1
6. Mechanically altered diet while NOT a resident or while a resident is used as a nutritional approach as indicated by:
K0510C1 = 1 OR K0510C2 = 1
7. Therapeutic diet while NOT a resident or while a resident is used as a nutritional approach as indicated by:
K0510D1 = 1 OR K0510D2 = 1
8. Resident has one or more unhealed pressure ulcer(s) at Stage 2 or higher, or one or more likely pressure ulcers that are unstageable at this time as indicated by:
(M0300B1 > 0 AND M0300B1 <= 9) OR
(M0300C1 > 0 AND M0300C1 <= 9) OR
(M0300D1 > 0 AND M0300D1 <= 9) OR
(M0300E1 > 0 AND M0300E1 <= 9) OR
(M0300F1 > 0 AND M0300F1 <= 9) OR
(M0300G1 > 0 AND M0300G1 <= 9))

Pseudocode (SAS)

*CAT12 Logic;
*Initialize CAT indicator to not triggered;
V0200A12A = '0';

*Trigger on Condition 1;
IF J1550C = '1' THEN V0200A12A = '1';

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*Trigger on Condition 2;

*Set BMI to 20 (will not trigger) if K0200A or K0200B missing;

* else calculate actual value;

IF SUBSTR(K0200A,1,1) = '-' OR K0200A = '00' OR

SUBSTR(K0200B,1,1) = '-' OR K0200B = '000'

THEN BMI = 20.0000;

ELSE

BMI = (INPUT(K0200B, 3.) * 703) / (INPUT(K0200A, 2.)**2);

*Trigger on BMII (do not round value to a single decimal place);

IF BMI < 18.5000 OR BMI > 24.9000 THEN V0200A12A = '1';

*Trigger on Condition 3;

IF K0300 = '1' OR K0300 = '2' THEN V0200A12A = '1';

*Trigger on Condition 4;

IF K0310 = '1' OR K0310 = '2' THEN V0200A12A = '1';

*Trigger on Condition 5;

IF K0510A1 = '1' OR K0510A2 = '1' THEN V0200A12A = '1';

*Trigger on Condition 6;

IF K0510C1 = '1' OR K0510C2 = '1' THEN V0200A12A = '1';

*Trigger on Condition 7;

IF K0510D1 = '1' OR K0510D2 = '1' THEN V0200A12A = '1';

*Trigger on Condition 8;

IF ((M0300B1 > '0' AND M0300B1 <= '9') OR

(M0300C1 > '0' AND M0300C1 <= '9') OR

(M0300D1 > '0' AND M0300D1 <= '9') OR

(M0300E1 > '0' AND M0300E1 <= '9') OR

(M0300F1 > '0' AND M0300F1 <= '9') OR

(M0300G1 > '0' AND M0300G1 <= '9'))

THEN V0200A12A = '1';

New triggering conditions and pseudocode:

Triggering Conditions (any of the following)

1. Dehydration is selected as a problem health condition as indicated by:

J1550C = 1

2. Body mass index (BMI) is too low or too high as indicated by:

BMI < 18.5000 OR BMI > 24.9000

3. Any weight loss as indicated by a value of 1 or 2 as follows:

K0300 = 1 OR K0300 = 2

4. Any weight gain as indicated by a value of 1 or 2 as follows:

K0310 = 1 OR K0310 = 2

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5. Parenteral/IV feeding while NOT a resident or while a resident is used as a nutritional approach as indicated by:
K0510A1 = 1 OR K0510A2 = 1
6. Mechanically altered diet while a resident is used as a nutritional approach as indicated by:
K0510C2 = 1
7. Therapeutic diet while a resident is used as a nutritional approach as indicated by:
K0510D2 = 1
8. Resident has one or more unhealed pressure ulcer(s) at Stage 2 or higher, or one or more likely pressure ulcers that are unstageable at this time as indicated by:
(M0300B1 > 0 AND M0300B1 <= 9) OR
(M0300C1 > 0 AND M0300C1 <= 9) OR
(M0300D1 > 0 AND M0300D1 <= 9) OR
(M0300E1 > 0 AND M0300E1 <= 9) OR
(M0300F1 > 0 AND M0300F1 <= 9) OR
(M0300G1 > 0 AND M0300G1 <= 9))

Pseudocode (SAS)

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*CAT12 Logic;  
*Initialize CAT indicator to not triggered;  
V0200A12A = '0';  
  
*Trigger on Condition 1;  
IF J1550C = '1' THEN V0200A12A = '1';  
  
*Trigger on Condition 2;  
*Set BMI to 20 (will not trigger) if K0200A or K0200B missing;  
* else calculate actual value;  
IF SUBSTR(K0200A,1,1) = '-' OR K0200A = '00' OR  
   SUBSTR(K0200B,1,1) = '-' OR K0200B = '000'  
   THEN BMI = 20.0000;  
ELSE  
   BMI = (INPUT(K0200B, 3.) * 703) / (INPUT(K0200A, 2.)**2);  
*Trigger on BMI (do not round value to a single decimal place);  
IF BMI < 18.5000 OR BMI > 24.9000 THEN V0200A12A = '1';  
  
*Trigger on Condition 3;  
IF K0300 = '1' OR K0300 = '2' THEN V0200A12A = '1';  
  
*Trigger on Condition 4;  
IF K0310 = '1' OR K0310 = '2' THEN V0200A12A = '1';  
  
*Trigger on Condition 5;  
IF K0510A1 = '1' OR K0510A2 = '1' THEN V0200A12A = '1';
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*Trigger on Condition 6;

*V1.04 CHANGE - Revised to remove K0510C1 condition, since that item was deleted;

IF K0510C2 = '1' THEN V0200A12A = '1';

*Trigger on Condition 7;

*V1.04 CHANGE - Revised to remove K0510D1 condition, since that item was deleted;

IF K0510D2 = '1' THEN V0200A12A = '1';

*Trigger on Condition 8;

IF ((M0300B1 > '0' AND M0300B1 <= '9') OR
(M0300C1 > '0' AND M0300C1 <= '9') OR
(M0300D1 > '0' AND M0300D1 <= '9') OR
(M0300E1 > '0' AND M0300E1 <= '9') OR
(M0300F1 > '0' AND M0300F1 <= '9') OR
(M0300G1 > '0' AND M0300G1 <= '9'))
THEN V0200A12A = '1';