

Stratus® CS & CS 200 Acute Care™ Diagnostics System

Follow-Up Communication for: **False Positive cTnI Results for Acute Care™ cTnI TestPak**

Our records indicate that your facility may have received the following product:

Product	Siemens Material Number (SMN)
Stratus® CS Acute Care™ cTnI TestPak	10445071

This is a follow up communication to POC 19-014.A.OUS. The purpose of this communication is to inform you that Siemens Healthcare Diagnostics has reduced the expiration dating for all cTnI TestPaks from 180 to 120 days. Therefore, it is no longer required to manually reduce the shelf life for lots starting with 239189002 as they will have the adjusted 120 day expiration date.

Actions to be Taken by the Customer

1. For a list of cTnI TestPak lots manufactured prior to lot 239189002 and recommended actions specific to these lots refer to Table 1 and Table 2 below.
2. Review this Urgent Field Safety Notification Follow-Up Information with your Medical Director or laboratory supervisor.
3. Continue to repeat samples with cTnI results above 0.07 ng/mL or your institution's established 99th percentile value.

Explanation of TestPak Lot Number

Using TestPak lot #239189002 as an example, below lists explanations of how a lot number is generated just for your information:

- "23" – indicates cTnI product;
- "9" - indicates the year when the product was made. The product was made in 2019 in this example;
- "189" - indicates the day when the product was made. The product was made on the 189th day of the year in this example;
- "002" -indicates manufacturing information.

Siemens is working to resolve this issue and will continue to provide updates when additional information is available. Siemens will reimburse users for repeat tests and discarded cTnI TestPaks (within 2 months of the 180-day expiration date) associated with this field corrective action. Please contact your Siemens Customer Care Center for details regarding the reimbursement process.

Please complete and submit the attached Field Correction Effectiveness Check form to indicate that you have received this information. Please retain this letter with your laboratory records, and we also ask that you please forward this notification to anyone to whom you may have distributed this product.

We apologize for the inconvenience this situation may cause. If you have any questions, please contact your Siemens Customer Care Center.

Table 1

DO NOT USE THESE TESTPAKS BELOW. THESE TESTPAKS ARE ALREADY BEYOND 120 DAY EXPIRATION DATE	
TestPak Lot	180-day Expiration Date
239035002	8/3/2019
239056002	8/24/2019
239063002	8/31/2019
239070002	9/7/2019
239077002	9/14/2019

Table 2

DO NOT USE THESE TESTPAKS BELOW BEYOND 120 DAY EXPIRATION DATE		
TestPak Lot	180-Day Expiration Date	120-Day Expiration Date (Do Not Use beyond this date)
239105002	10/12/2019	8/13/2019
239112002	10/19/2019	8/20/2019
239119002	10/26/2019	8/27/2019
239126002	11/2/2019	9/3/2019
239154002	11/30/2019	10/1/2019
239161002	12/7/2019	10/8/2019
239168002	12/14/2019	10/15/2019

Additional Information

Stratus® CS & CS 200 are trademarks of Siemens Healthcare Diagnostics.

FIELD CORRECTION EFFECTIVENESS CHECK AND PRODUCT DISCARD FORM

False Positive cTnI Results for Acute Care™ cTnI TestPak

This response form is to confirm receipt of the enclosed Siemens Healthcare Diagnostics Urgent Field Safety Notice Follow-Up Information POC 19-014.B.OUS dated July 2019 regarding False Positive cTnI Results for Acute Care™ cTnI TestPak. Please read each question below and indicate the appropriate answer.

Return this completed form to Siemens Healthcare Diagnostics as per the instructions provided at the bottom of this page.

1. I have read and understood the Urgent Field Safety Notice Follow-Up Information instructions provided in this letter. Yes No

2. Do you now have any of the noted product(s) on hand? Please check inventories before answering. Yes No

If the answer to question 2 above is yes, please complete the table below to indicate the quantity of affected product in your laboratory and replacement product required

Product Description Product Catalog #/SMN #/Lot #	Quantity Discarded/ Replacement Quantity Required
Stratus® CS Acute Care™ cTnI TestPak, SMN #10445071, [Insert Lot #]	

Name of person completing questionnaire: _____

Title: _____

Institution: _____ Instrument Serial Number: _____

Street: _____

City: _____ State: _____

Phone: _____ Country: _____

Customer Sold To #: _____ Customer Ship To #: _____

Please send a scanned copy of the completed form via email to XXXX@XXXX or to fax this completed form to the Customer Care Center at XXXXXX.
If you have any questions, contact your local Siemens technical support representative.

Stratus® CS & CS 200 Acute Care™ Diagnostic Systems

False Positive cTnI Results for Acute Care™ cTnI TestPak

Our records indicate that your facility may have received the following product:

Table 1. Stratus® CS & CS 200 Affected Product

Product	Siemens Material Number (SMN)	Lot Number
Stratus® CS Acute Care™ cTnI TestPak	10445071	From Lot # 238330002 forward

The purpose of this communication is to inform you of an issue with the product indicated in Table 1 above and provide instructions on actions for your laboratory to take.

Reason for this Urgent Field Safety Notice

Siemens Healthcare Diagnostics has identified the following issues with cTnI results when using the Stratus CS cTnI Acute Care TestPak:

- Increased rate of false positive cTnI results beginning 2 months prior to the end of the product's shelf life due to a positive bias and increased imprecision. The maximum observed patient bias near the 99th percentile of the reference population (per Instructions for Use: 0.07 ng/mL [ug/L]) was a cTnI negative patient sample of 0.05 ng/mL that read as 0.10 ng/mL.
- Increased rate of random non-repeatable false positive cTnI results at any time in the product's shelf life. This means some cTnI results for a sample which is expected to be within the 99th percentile of the reference population, 0.00 - 0.07 ng/mL [ug/L], may read above this value. Typical false positive values have been reported in the range of 0.08 to 0.50 ng/mL.

There have been no reports of any false negative results, injuries or deaths.

Risk to Health

In rare circumstances, a falsely increased troponin result may lead to inappropriate intervention for myocardial infarction. A troponin result would be used as part of a standard triage together with the acute clinical condition (symptoms and vital signs), ECG and serial troponin testing. Since troponin test results are used for immediate diagnostic support, Siemens is not recommending a review of previously generated results.

Actions to be Taken by the Customer

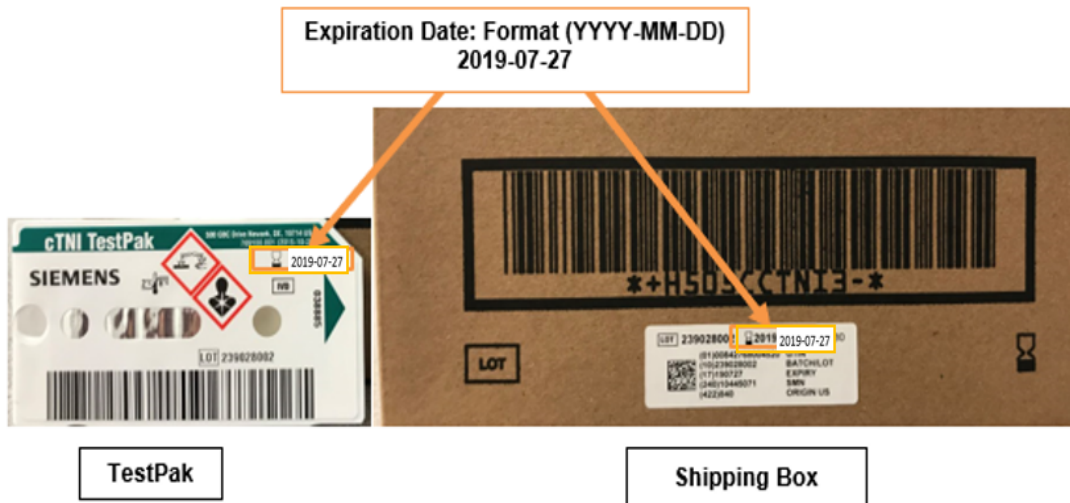
Siemens is recommending the following two actions:

1. Do Not Use cTnl TestPaks within 2 months of Expiration

Through internal testing, we have determined that the upward trend in cTnl bias could impact results beginning 2 months prior to the end of shelf life. Therefore, do not use cTnl TestPaks within 2 months of Expiration. Please discard any cTnl TestPak that is within 2 months of Expiration.

The expiration date is printed on the shipping box containing the cTnl TestPaks and on each cTnl TestPak, as shown below (see expiration date shown in Image 1).

Image 1: Example of an expiration date on cTnl TestPaks and shipping box containing cTnl TestPaks



For example, to determine if you can use the cTnl TestPak in the illustration above, subtract 2 months from the expiration date 2019-07-27. In this case, the cTnl TestPak should not be used after 2019-05-27. Please note, since the instrument is unable to determine the new expiration date based on the barcode, the expiration date must be calculated manually before use.

2. Repeat samples with cTnl results above 0.07 ng/mL or your institution's established 99th percentile value

As mentioned above, there is a potential for non-repeatable false positive results when using cTnl TestPaks any time during shelf life; therefore, as an additional measure, customers are advised to perform repeat testing of samples when the cTnl result is above 0.07 ng/mL or your institution's established 99th percentile value.

As recommended in the Acute Care™ cTnI TestPak Instructions for Use (IFU), a test result that is inconsistent with the clinical picture and patient history should be interpreted with caution. Furthermore, results should be interpreted as part of serial sampling at admission.

Siemens is working to resolve this issue and will contact you when additional information is available. Siemens will reimburse users for repeat tests and discarded cTnI TestPaks (within 2 months of the printed expiration date) associated with this field corrective action. Please contact your Siemens Customer Care Center for details regarding the reimbursement process.

Please complete and submit the attached Field Correction Effectiveness Check form to indicate that you have received this information. Please acknowledge receipt of this letter and return the response form even if you do not have product on hand. Retain this letter with your laboratory records, and we also ask that you please forward this notification to anyone to whom you may have distributed this product.

We apologize for the inconvenience this situation may cause. If you have any questions, please contact your Siemens Customer Care Center.

Additional Information

Stratus® CS & CS 200 are trademarks of Siemens Healthcare Diagnostics.

FIELD CORRECTION EFFECTIVENESS CHECK AND PRODUCT DISCARD FORM

False Positive cTnI Results for Acute Care™ cTnI TestPak

This response form is to confirm receipt of the enclosed Siemens Healthcare Diagnostics Urgent Field Safety Notice POC 19-014.A.OUS dated May 2019 regarding False Positive cTnI Results for Acute Care™ cTnI TestPak. Please read each question and indicate the appropriate answer.

Return this completed form to Siemens Healthcare Diagnostics as per the instructions provided at the bottom of this page.

1. I have read and understood the Urgent Field Safety Notice instructions provided in this letter. Yes No
2. Do you now have any of the noted product(s) on hand? Please check inventories before answering. Yes No

If the answer to the question above is yes, please complete the table below to indicate the quantity of affected product in your laboratory and replacement product required.

Product Description Product Catalog #/SMN #/Lot #	Quantity Discarded/ Replacement Quantity Required
Stratus® CS Acute Care™ cTnI TestPak, SMN #10445071, [Insert Lot #]	

Name of person completing questionnaire: _____

Title: _____

Institution: _____

Instrument Serial Number: _____

Street: _____

City: _____

State: _____

Phone: _____

Country: _____

Customer Sold To #: _____

Customer Ship To #: _____

Please send a scanned copy of the completed form via email to XXXX@XXXX or fax this completed form to the Customer Care Center at XXXXXX.

If you have any questions, contact your local Siemens technical support representative.