



# **FASTEST**

## rFVIIa for Acute Hemorrhagic Stroke Administered at Earliest Time (FASTEST) Trial

Noor Sabagha RPH, MPH

NIH StrokeNet Clinical Research Pharmacist

16Sep2021 v1.0



# Prior to Readiness call

Complete site Pharmacy  
regulatory

Receive study drugs

Readiness call  
( Ask questions!)



# Site Pharmacy Regulatory in WebDCU™

- ❑ Institutional pharmacy license and Drug Destruction Policy must be uploaded into WebDCU™  
WebDCU™ > Regulatory Documents > Site Reg Doc Submission
- ❑ Institutional pharmacy license address and drug shipping address must match.  
If the addresses do not match, please notify the *or the StrokeNet NCC Central Pharmacy @ (FASTESTtrialrx@ucmail.uc.edu)*
- ❑ The DOA includes at least one person with pharmacy privileges  
**\*\*Please note that site pharmacy personnel do not have privileges to upload those documents.**
- ❑ When a Clinical Performing Site (CPS) is released to receive study drug, an initial study drug shipment will automatically be submitted to NCC Central Pharmacy by WebDCU™
- ❑ Central research pharmacy at UC ships study medication few days prior to readiness call.
- ❑ NCC Central Pharmacy will ship study drug kits Monday through Wednesday for next day delivery Tuesday through Thursday. No shipments will take place for receipt on Friday, Saturday, Sunday, or holidays, except under extenuating circumstances

# WebDCU™ Study Drug Shipping Email

## WebDCU™ Email Notification

### Study Drug Shipping

**FASTEST** study drug kit # \_\_\_\_\_ was shipped to: **Site Name** \_\_\_\_\_ on **date and time** \_\_\_\_\_.

Please confirm you received this kit in WebDCU.

This email was generated by Brittany GEBELT.

For more information, log on to the WebDCU study website. Powered by the Data Coordination Unit at the Medical University of South Carolina, USA.

#### Confidentiality Notice:

This email contains confidential information belonging to the sender, which is legally privileged. This information is intended for the use of the individual or entity(ies) named above. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or use of the contents of this email information for any purpose whatsoever is strictly prohibited. If you have received this email material in error, please notify us at the above telephone or email address **IMMEDIATELY** to arrange for the return or destruction of the emailed documents.

#### Intended For Use of Addressee Only:

This information has been disclosed to you from confidential records, which are protected by State Law and HIPAA regulations. These laws and regulations prohibit you from making any further disclosure of this information without the specific written consent of the person to whom it pertains, or as otherwise permitted by law. A general authorization for the release of medical or other information is not sufficient authorization for further disclosure of information, which is protected by Title 42 of the Code of Federal Regulations and other laws. Any unauthorized further disclosure in violation of the above may result in a fine or jail sentence or both.

- CPSs will receive an automated email from WebDCU™ for every study drug kit that was processed out of WebDCU™ for shipment.
- For example, if a shipment has 4 study drug kits in the shipment, the CPS will receive an individual email for each kit (4 emails).



# UPS® Shipping Notification Email

U UPS <pkginfo@ups.com> StrokeNetpharm (strokenetpharm) Fri 2/5

UPS Delivery Notification, Tracking Number 1Z576F702407154005

**i** If there are problems with how this message is displayed, click here to view it in a web browser.  
Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

**Hello, your package has been delivered.**

**Delivery Date:** Friday, 02/05/2021  
**Delivery Time:** 10:00 AM  
**Left At:** DOCK  
**Signed by:** REC

**STROKENET CENTRAL PHARMACY**

**Tracking Number:** [1Z576F702407154005](#)

**Ship To:** CHANDLER REGIONAL MED. CENT. 1704  
ATTN PHARMACY- CHET MESSMER  
1955 W FRYE RD  
CHANDLER, AZ 852246282  
US

**Number of Packages:** 1  
**UPS Service:** UPS Next Day Air®  
**Package Weight:** 1.0 LBS  
**Reference Number:** ARCADIA

- CPSs will also receive an email from UPS® that includes a tracking number and any updates to shipment during transit for every shipment
- CPSs may request a group pharmacy email to receive UPS® tracking information by emailing the StrokeNet NCC Central Pharmacy ([FASTESTTrialRX@uc.edu](mailto:FASTESTTrialRX@uc.edu)) the group pharmacy email address
- UPS® tracking website:  
[https://www.ups.com/WebTracking/track?loc=en\\_US](https://www.ups.com/WebTracking/track?loc=en_US)



# Study Drug Packaging and Packing Slip

Study drugs will be shipped refrigerated

Study drug will be shipped with a USB temperature logger, cold packs, and enough insulation to maintain a temperature range of 2-25°C (36- 77°F)



Insulated Shipping Container



Temp-Tale


WebDCU		FASTEST Investigational Product Packing Slip			FASTEST	
<b>Ship From:</b> Canada Pharmacy 501 Smyth Road, Transfusion Medicine Room M3604 Ottawa, ONK1H 8L6			<b>Ship To:</b> WebDCU Test Site 2, Charleston, SC , SC			
<b>Contact:</b> Heather Maddison Phone: 613-737-8899 x71605						
<b>Shipment Tracking Number:</b> 2348-08/06/2021						
<b>FASTEST Investigational Product Shipping Contents</b>						
Site ID: 2348		Site Name: WebDCU Test Site 2, Charleston, SC				
No.	Drug Kit Code	rFVIIa/Placebo Component Code	Histidine Component Code	Expiration Date	Shipping Date	
1	60001	2370094	2371896	1/21/2022	8/6/2021	
Generated by WebDCU on 8/6/2021 12:58:43 PM EST						
<a href="#">Back to previous page</a>						

Packing Slip

# Example Kit Label

Study Drug Kit Box

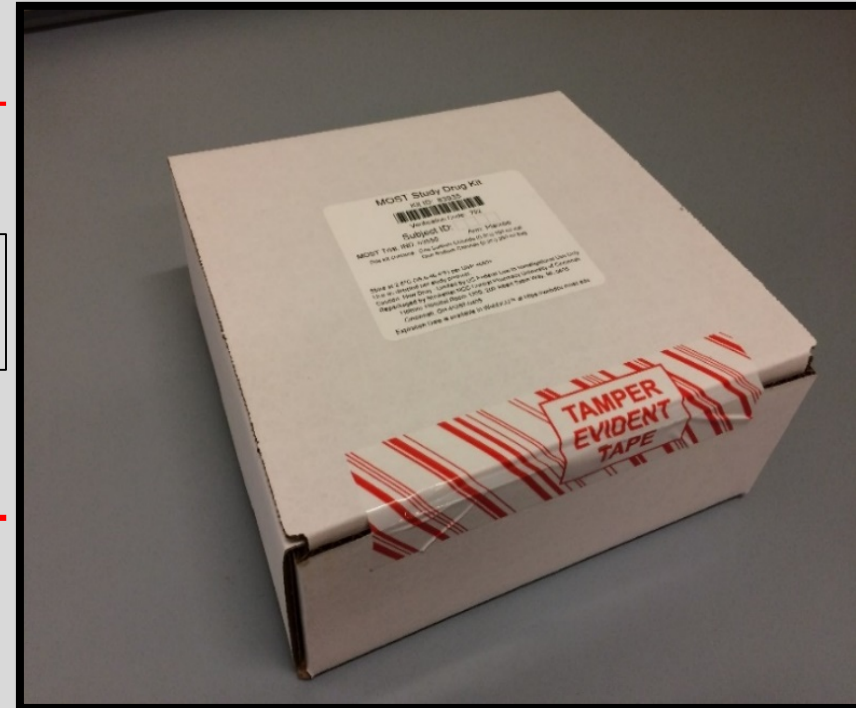
FASTEST  
Study Drug Kit ID: 32565



621


Identité de la trousse du médicament à l'étude  
Studienmedikations-Kit ID  
ID del kit de medicamentos del estudio  
試験薬キットID

Verification  
code



FASTEST                      IND #18150

Study Drug Kit ID: 32565



621

This kit contains  
Two recombinant Factor VIIa 5mg or Placebo 5mg vials  
Two histidine solvent 5.2ml prefilled syringes  
Two 13mm vial adaptors  
Dosing/compounding Card.  
Storage temperature: 2°-25° Celsius (36°-77° Fahrenheit) per USP <659>  
Expiration date is available in WebDCU™ at <https://webdcu.musc.edu>.  
Use as directed per study protocol.  
Caution: New Drug - Limited by Federal Law to Investigational Use Only  
Repackaged by StrokeNet NCC Central Pharmacy University of Cincinnati  
Holmes Hospital Room 1209, 200A Albert Sabin Way ML 0405 Cincinnati, OH 45267-0405

US kit label

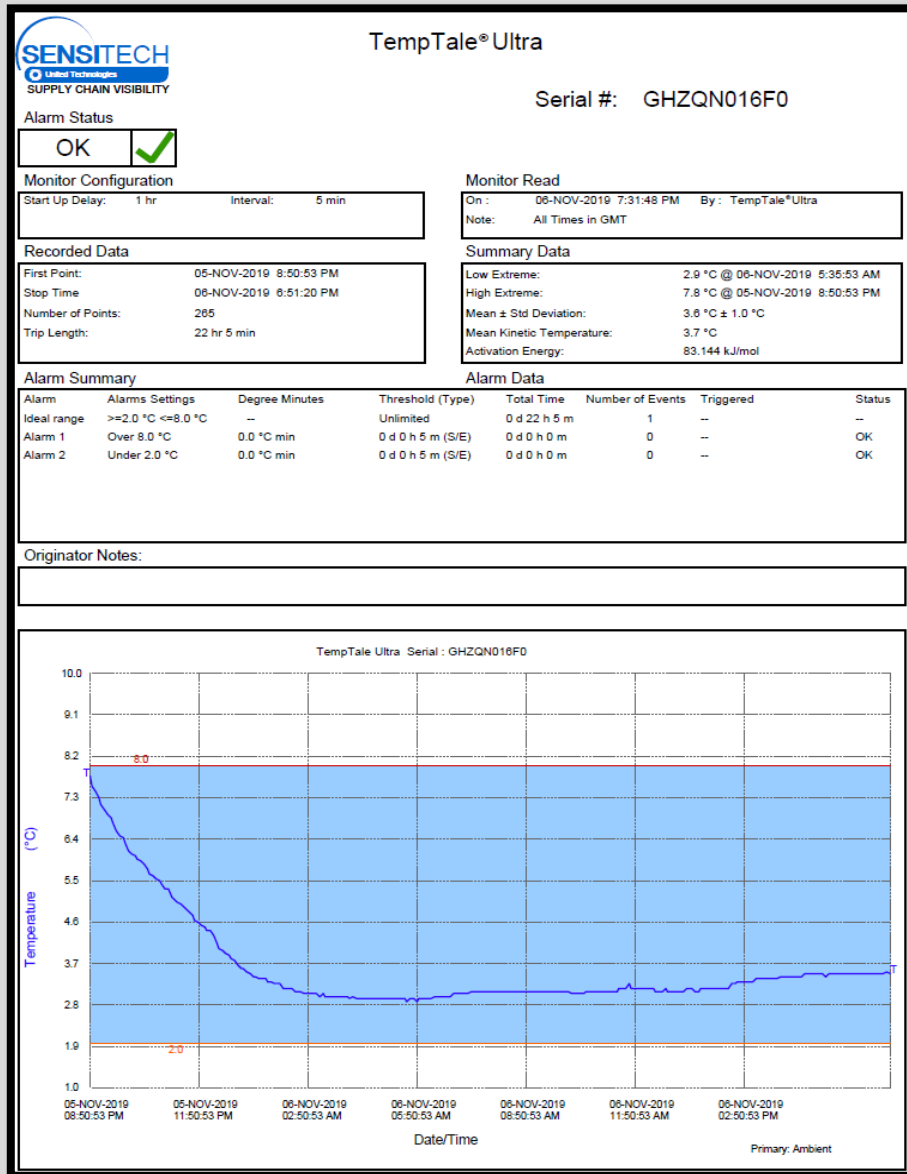
- Country-specific **blinded kit labels**
- Kits are tampered evident sealed. **It is required not** to break the tamper evident seal until the kit is dispensed

# Study Drug Receipt

- The initial study drug shipment will contain a total of two study drug kits to sites with one enrolling location (ED or MSU) and four study drug kits to sites that have two enrolling locations (ED+MSU) or 2 EDs
- Upon receipt of the drug shipment, the CPS will verify the receipt of the study drug kit(s) against the packing slip
- The CPS will review the temperature data from the logger and confirm that the study drug did not experience any temperature excursions in transit ( next slide)
- **Study drug kits should not be dispensed until received into WebDCU™ and site is released to enroll**



# Example Data Logger Report



- Once the data logger arrives at the CPS stop the data logger by pressing the red STOP button for 1-3 seconds until the stop sign logo appears in the top right corner of the LCD display.
- Insert the data logger into a USB port of a computer at the CPS.
- View the PDF temperature data log and review the data log for temperature excursions
- Print and file the temperature data log in the FASTEST trial binder to be available during monitoring visits
- Once the data has been retrieved from the logger and the temperature curve is printed, the temperature logger can be disposed of per the institution's policy.
- If **NO** temperature excursions or discrepancies are identified, the CPS will confirm receipt of all study drug kits in WebDCU™ Drug Tracking>Drug Receiving


# Drug Tracking

The screenshot displays the WebDCU FASTEST user interface. At the top left is the WebDCU logo with the tagline "Data → Information → Knowledge". To its right is the FASTEST logo, which includes a red truck icon. In the top right corner, there are links for "Logan SIRLINE Sign Out" and a "Help" button. Below the header, a status bar indicates "Randomized 3.02% (26 / 860) of recruitment target." The main menu consists of several blue buttons: "Add New Subject", "Subject CRF Binder", "Study Progress", "Data Management", "Site Management", and "Drug Tracking" (which is highlighted with a blue border). Below these are two white buttons: "Drug Kit Site Receiving" (highlighted with an orange border) and "Site Drug Kit Removing". Further down are buttons for "CRF Data List", "Graphic Reports", "Project Setup", "User Management", "Regulatory Document", and "Toolbox". At the bottom of the menu are "Emergency Help", "EFIC", and "Alerts" (highlighted with a red border). The footer contains a link for "Full Expanded Menu" and a copyright notice: "WebDCU™ © Copyright 2009-2021 Medical University of South Carolina. All rights reserved."




# Receiving Drug

WebDCU FASTEST

Logan SIRLINE Sign Out 

Edit: Drug Kit Site Receiving Help

No.	Item Description	Data Value
2	Site name	WebDCU Test Site 2, Charleston, SC
3	Drug kit code	
6	Expiration date	
7	Date shipped	
8	Receiving status	<input type="radio"/> Pending <input checked="" type="radio"/> Confirm received <input type="radio"/> Lost in shipping
10	Date received	<input type="text"/> <input type="text"/> <input type="text"/>  (dd-mmm-yyyy)
11	Verify code	<input type="text"/>
12	Receiving notes	<input type="text"/> (250 char.)
13	Receiving status reported by	(to be assigned by the system)
14	Receiving status reported on	(to be assigned by the system)

Last updated by Heather MADDISON on 06-Aug-2021 12:58PM

Save Record Cancel Edit

- If study drug kit(s) are not received into WebDCU™ **within 3 days** of shipment, the CPS will receive an automated email notification prompting them to receive the study drug kit(s) in WebDCU™



# Study Medication Storage/Shipping Conditions

NOVO

- Novo will be shipping to the Central Pharmacy Depots at 2-8°C

NCC StrokeNet  
Pharmacy

- **Storage and shipping** : Study medication stored and will be shipped refrigerated.

Clinical  
Performing Sites

- **Storage**: Study medication can be stored (without preference) at room temperature or refrigerated, however, temperature **MUST** be continuously monitored.
- The permitted range for US : 35.6- 77°F
- Sample temperature monitoring logs will be provided and available in WebDCU™
  - Toolbox>Project Documents

# Temperature Monitoring Log Example

CPSs are required to **maintain continuous temperature monitoring** logs at each enrolling location

Sample temperature monitoring logs will be provided and available in WebDCU™  
Toolbox>Project Documents

FASTEST		Study Drug Temperature Log Storage Temperature Range: at 2-25°C (35.6 - 77°F)				
SITE ADDRESS:			SITE:			
Site Number:			PI:			
Instructions: Next to the appropriate date record time of the temperature reading, the current temperature, minimum temperature, maximum temperature, conformation of resetting of the thermometer if applicable and initials. Report any excursions promptly to study sponsors.						
MONTH:			YEAR:			
Date	Time of Reading (24 hour clock)	Current Temp (°C or °F)	Minimum Temp (°C or °F)	Maximum Temp (°C or °F)	Confirmation of Reset of Reading	Reader's Initials
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
		Verifying Reader				
Printed Name		Signature			Initials	

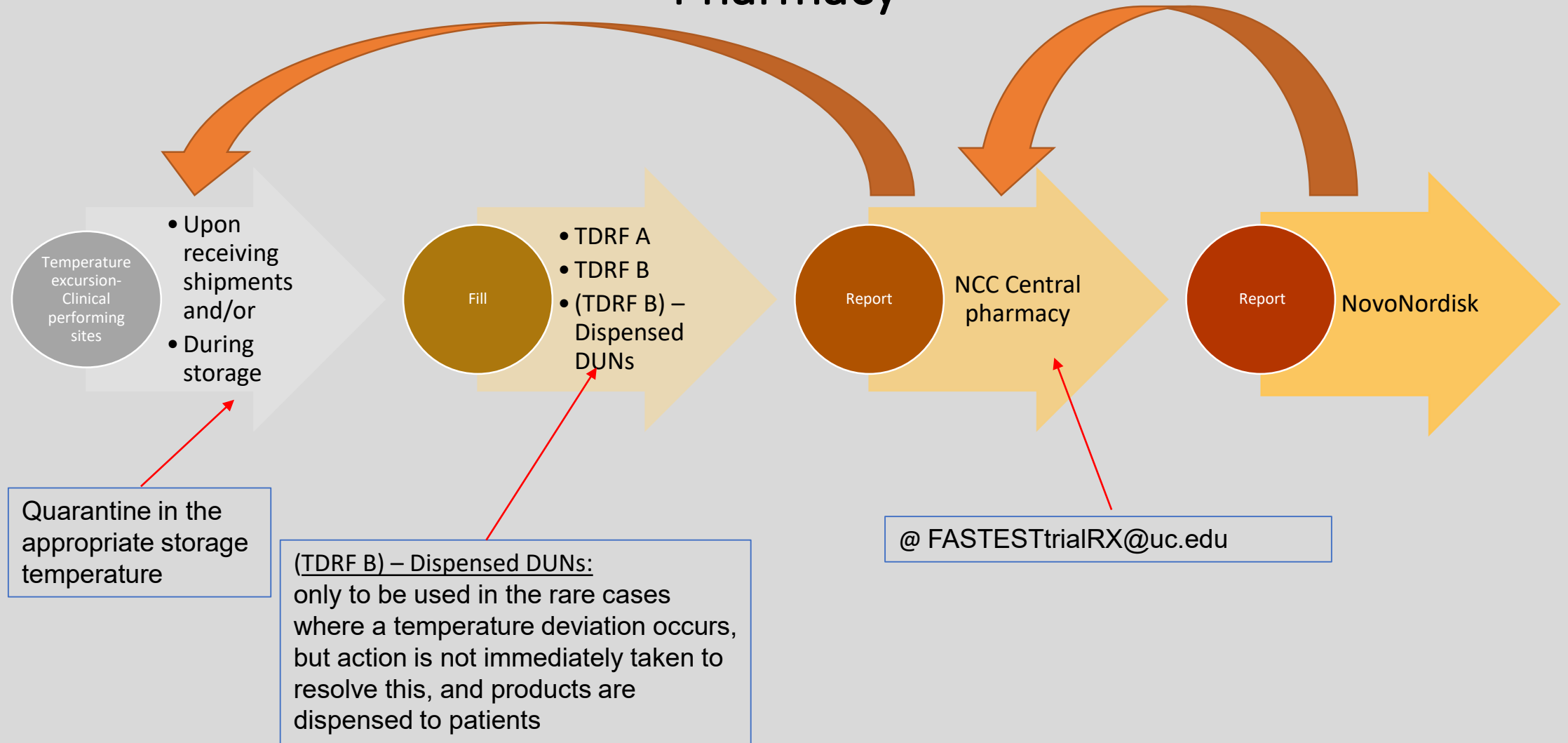
# Temperature Excursions

A temperature excursion occurs when **in-transit or on-site drug storage** temperatures fall outside of acceptable temperature ranges.

- A temperature excursion should be reported if storage temperature falls below 2 ° C (35.6 ° F) and/or rises above 25 ° C (77 ° F).
- US Pharmacopeia (USP) rounding rules does apply for the temperature excursion. i.e., 1.5 ° C is rounded up to 2 ° C and 25.4 24.4 ° C is rounded down to 25° C. Both examples are **not** a reportable excursion
- Any temperature excursion affecting FASTEST study drug kits must be reported immediately, preferably within **48 hours** of occurrence.

**In Transit Temperature Excursion:** If study drug experiences a temperature excursion in-transit, do NOT receive kits into WebDCU™ inventory. Study drug kits are available for randomization once they are marked as received in WebDCU™.

# Reporting Temperature Excursions to Novo Nordisk A/S at Site Pharmacy



# Temperature Deviations

- Fill in TDRF-B, Dispensed DUNs

### Temperature Deviation Report Form A – Site

**Instructions:**

- Please complete the form in its entirety. Fields marked with \* are mandatory.
- Green text is guidance text and should be deleted before use.
- Email this form and all relevant temperature logs to NCC Central Pharmacy, at [FASTESTtrialRY@ucmail.uc.edu](mailto:FASTESTtrialRY@ucmail.uc.edu)
- US Pharmacopeia (USP) rounding rules apply for temperature excursions. i.e. 1.5°C is rounded up to 2°C and 8.4°C is rounded down to 8°C. Both examples are not a reportable excursion.

**General information**

*Trial ID: U1111-1201-0087/ FASTEST	*Site number:
*Country:	*Prioritisation date eg, next dispensing date or DBL date: <input type="text"/> Not known or N/A <input type="checkbox"/>
*Has the product affected by the deviation been dispensed to subjects?	Yes <input type="checkbox"/> No <input type="checkbox"/> If no, please complete Temperature Deviation Report Form B (Page 2 of this document) If yes, please complete Temperature Deviation Report Form B, Dispensed DUNs. (Page 3 of this document)
*Type of deviation Storage deviation: <input type="checkbox"/> <i>Attach graph/ logs</i>	Logger ID: <input type="text"/> Logging interval for storage temperature monitoring device <input type="text"/>
Shipment deviation: <input type="checkbox"/> <i>Attach graph/ logs</i>	Logger ID: <input type="text"/>

**Description of the deviation**

*Date/period of deviation <i>Include time if relevant</i> Start date/time: <input type="text"/> Stop date/time: <input type="text"/>	*Temperature Too warm: <input type="checkbox"/> Too cold: <input type="checkbox"/> <i>compared to allowed temperature range</i> Highest/lowest temperature: <input type="text"/>
---	---

Additional information: *Only if relevant to the case evaluation, for example arrival time of the products if the temperature deviation is due to data logger not stopped upon arrival*

*Example: Above 30 for 45 min  
Below 2 for 120 min*

\*It is confirmed that the products are stored, quarantined and within allowed temperature range.

Initials:  Date:

### Temperature Deviation Report Form B – Site

*Green text is guidance text and should be deleted before use.*

Please complete the form electronically and submit with the TDRF A. Fields marked with \* must be completed.

**Trial and site information**

*Trial ID: U1201-0087/ FASTEST	*Site number: <input type="text"/> <i>For example, "102"</i>
--------------------------------	---

**Trial product information**

*IWRS used	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
*If IWRS is used: Affected product status has been changed to "temporarily unavailable" in the IWRS.	Yes <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

**Specific for deviations during shipment**

\* Shipment tracking no.:

\*Please list all trial products involved in the deviation

*Product name	*Lot no/coded Lot no (if applicable)	*Kit (list all Kits for the specific lot)	*DUN/component code no (list all DUN for the specific batch)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Specific for deviations during storage**

\*Please list all trial products involved in the deviation

*Product name	*Lot no/coded lot no (if applicable)	*Shipment no	*Kit (list all kits for the specific lot)	*DUN/ component code no (list all DUN for the specific batch)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

### Temperature Deviation Report Form B, Dispensed DUNs – Site

*Green text is guidance text and should be deleted before use.*

Please complete the form electronically and submit with the TDRF A. Fields marked with \* must be completed.

**Trial and site information**

*Trial ID: U1201-0087/ FASTEST	*Site number: <input type="text"/> <i>For example "102"</i>
--------------------------------	--

\*Please list all trial products involved in the deviation

*Product name	*Lot no/coded lot no (if applicable)	*Shipment no	*kit (list all Kits for the specific lot)	*DUN (list all DUNs for the specific kit)	*Date dispensed
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Trial ID: U1201-0087/FASTEST  
 Site number: Unique description  
 Country:  
 Prioritisation date: Optional  
 Dispensed: Yes/No  
 Type: Storage/shipment  
 Logger ID: From Log or device  
 Description of deviation: From Log  
 Additional information: Optional  
 Write initials and date  
 Information from packs  
 Shipment no.: From Pack Slip

- Fill in TDRF-A

- Fill in TDRF-B

- The Temperature Excursion Report Form (TERF) - available in WebDCU™ Toolbox>Project Documents – submit for both storage and in transit excursions





# What inside FASTEST kit?

Dosing/ compounding card

Histidine Diluent box  
Containing two 5.2mL prefilled histidine syringes

rFVIIa Active or Placebo box  
Containing two 5 mg vials of lyophilized drug

The dun boxes containing histidine and rFVIIa will be referred to as kit components in WebDCU.

13mm vial adapters  
Each kit must have two vial adapters.



**FASTEST: rFVIIa Compounding Instructions**

Always use aseptic technique when compounding this product.

**Preparation:** Before use, inspect the vial for any signs of damage or leakage. Do not use if the vial is cracked, leaking, or if the stopper is damaged. Do not use if the vial contains any particles or discoloration.

1. Open the sterile bag and remove the sealed vial, sealed histidine syringe, and the syringe. Do not touch the vial or syringe. Do not use if the vial or syringe is damaged or if the vial contains any particles or discoloration.
2. Remove the vial from the sterile bag and place it on a clean surface. Do not touch the vial or syringe. Do not use if the vial or syringe is damaged or if the vial contains any particles or discoloration.
3. Holding the label of the vial, carefully remove any foreign matter from the vial and adapter.
  - Wipe the top of the vial with the alcohol swab provided.
  - Wipe the top of the adapter with the alcohol swab provided.
  - You may have to use the adapter and syringe to draw the drug from the vial.
  - You may have to use the adapter and syringe to draw the drug from the vial.
4. Remove the vial from the sterile bag and place it on a clean surface. Do not touch the vial or syringe. Do not use if the vial or syringe is damaged or if the vial contains any particles or discoloration.
5. Assemble the prefilled histidine syringe by attaching the plunger and the adapter. Do not touch the vial or syringe. Do not use if the vial or syringe is damaged or if the vial contains any particles or discoloration.
6. Remove the vial from the sterile bag and place it on a clean surface. Do not touch the vial or syringe. Do not use if the vial or syringe is damaged or if the vial contains any particles or discoloration.
7. Attach the adapter to the vial and the histidine syringe. Do not touch the vial or syringe. Do not use if the vial or syringe is damaged or if the vial contains any particles or discoloration.
8. Draw the drug from the vial into the histidine syringe. Do not touch the vial or syringe. Do not use if the vial or syringe is damaged or if the vial contains any particles or discoloration.
9. Remove the vial from the sterile bag and place it on a clean surface. Do not touch the vial or syringe. Do not use if the vial or syringe is damaged or if the vial contains any particles or discoloration.
10. Repeat steps 3-9 for the second vial. Do not touch the vial or syringe. Do not use if the vial or syringe is damaged or if the vial contains any particles or discoloration.
11. Combine the contents of the two vials into a single vial. Do not touch the vial or syringe. Do not use if the vial or syringe is damaged or if the vial contains any particles or discoloration.
12. Deliver the drug to the patient. Do not touch the vial or syringe. Do not use if the vial or syringe is damaged or if the vial contains any particles or discoloration.

FASTEST: rFVIIa Compounding Instructions

Kit	Drug	Concentration	Volume	Weight	Volume	Weight	Volume	Weight
1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40	40

# Kit Component Boxes: Dosing/ compounding card

**FASTEST Study Drug Compounding Direction Card**

*Always use aseptic technique when compounding this product*

*If at any time the sterility of the study drug product is compromised discard the study drug kit and retrieved the second study drug kit from inventory.*

- Open the study drug kit and remove the study drug vials, prefilled histidine syringes, and vial adapters. Confirm all protective caps and seals are intact
- Remove the cap from the study drug vials and disinfect the septum of each vial with a sterile isopropyl alcohol swab.
- Open and attach the vial adapters to the study drug vial.
  - Holding the foil side of the packaging upwards and firmly pinch the side of the vial adapter through the packaging while removing the foil seal.
  - Keep a firm grip on the sides of the vial adapter through the packaging, invert the vial adapter, and press the adapter onto the vial with the spike end down
  - You will feel or hear the vial adapter snap into place.
  - Through the packaging confirm the vial adapter is securely attached
  - Discard the packaging
- Repeat steps 2-3 for the second study drug vial
- Assemble the prefilled histidine syringes by attaching the threaded end of the plunger rod to the plunger of the syringe barrel and turn the plunger rod clockwise to secure.
- Remove the protective cap from the prefilled histidine syringe.
  - Do NOT remove the protective cap from the syringe before attaching the plunger rod.
- Attach the syringe to the vial adapter and hold the assembled syringe/vial at a 45° angle and slowly inject the histidine solution.
  - The histidine must be added slowly at a 45° angle to prevent foaming
  - Foam should settle before dose is withdrawn
  - The study drug should be colorless and free of particulates
  - Gently swirl the assembled syringe/vial if drug does not dissolve immediately
  - Drug concentration is 1mg/1mL at this step*
- Repeat steps 5-7 to reconstitute both study drug vials
- Obtain an appropriately sized syringe from local inventory and withdraw dose
- Confirm correct dose is drawn, drug is colorless and free of particles
- Administer study drug (IV push over 2-5 minutes). Use a dedicated line or flush line before and after administration with 0.9% sodium chloride.

V1

Compounding instruction page

**FASTEST Dosing Table - Drug Concentration=1mg/1mL**

Weight (kg)	Weight (lb)	Dose (mg)	Weight (kg)	Weight (lb)	Dose (mg)	Weight (kg)	Weight (lb)	Dose (mg)
25	55-56	2.0	59	128-130	4.7	92-93	203-204	7.4
26-27	57-59	2.1	60	131-133	4.8	94	205-207	7.5
28	60-61	2.2	61	134-136	4.9	95	208-210	7.6
29	62-64	2.3	62-63	137-138	5.0	96	211-213	7.7
30	65-67	2.4	64	139-141	5.1	97-98	214-215	7.8
31	68-70	2.5	65	142-144	5.2	99	216-218	7.9
32-33	71-72	2.6	66	145-147	5.3	100	219-221	8.0
34	73-75	2.7	67-68	148-149	5.4	101	222-224	8.1
35	76-79	2.8	69	150-152	5.5	102-103	225-226	8.2
36	79-81	2.9	70	153-155	5.6	104	227-229	8.3
37-38	82-83	3.0	71	156-158	5.7	105	230-232	8.4
39	84-86	3.1	72-73	159-160	5.8	106	233-235	8.5
40	87-89	3.2	74	161-163	5.9	107-108	236-237	8.6
41	90-92	3.3	75	164-166	6.0	109	238-240	8.7
42-43	93-94	3.4	76	167-169	6.1	110	241-243	8.8
44	95-97	3.5	77-78	170-171	6.2	111	244-246	8.9
45	98-100	3.6	79	172-174	6.3	112-113	247-248	9.0
46	101-103	3.7	80	175-177	6.4	114	249-251	9.1
47-48	104-105	3.8	81	178-180	6.5	115	252-254	9.2
49	106-108	3.9	82-83	181-182	6.6	116	255-257	9.3
50	109-111	4.0	84	183-185	6.7	117-118	258-259	9.4
51-52	112-114	4.1	85	186-188	6.8	119	260-262	9.5
53	115-116	4.2	86	189-191	6.9	120	263-265	9.6
54	117-119	4.3	87-88	192-193	7.0	121	266-268	9.7
55	120-122	4.4	89	194-196	7.1	122-123	269-270	9.8
56	123-124	4.5	90	197-199	7.2	124	271-273	9.9
57-58	125-127	4.6	91	200-202	7.3	≥ 125	≥ 274	10.0

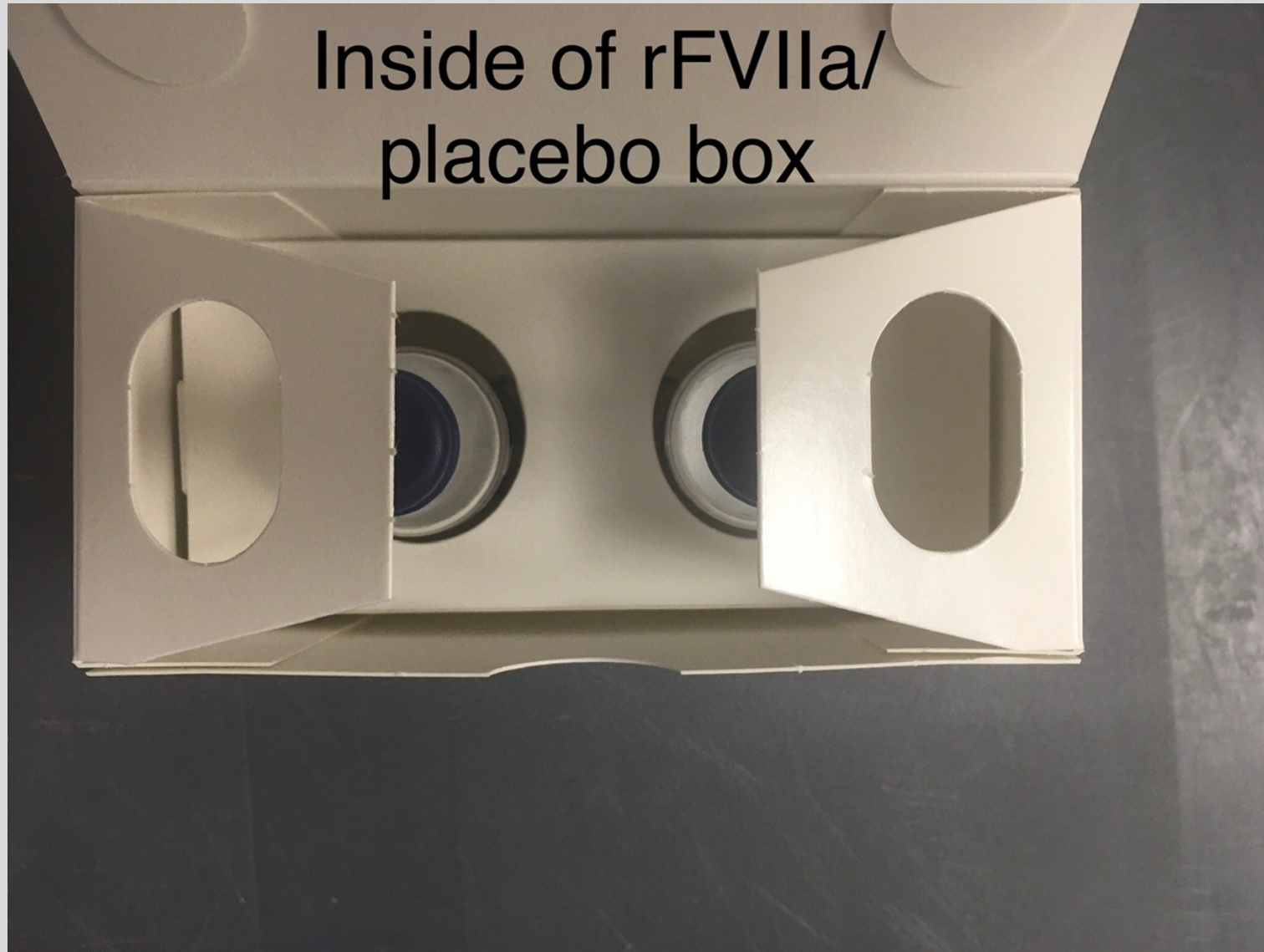
Dosing Equation: dose (mg)=weight (kg) x 80 mcg/kg x mg/1,000 mcg  
1lb = kg x 2.2 | 1kg = lb/2.2 | 1,000mcg = 1mg

V1

Dosing chart (US and Canada) page

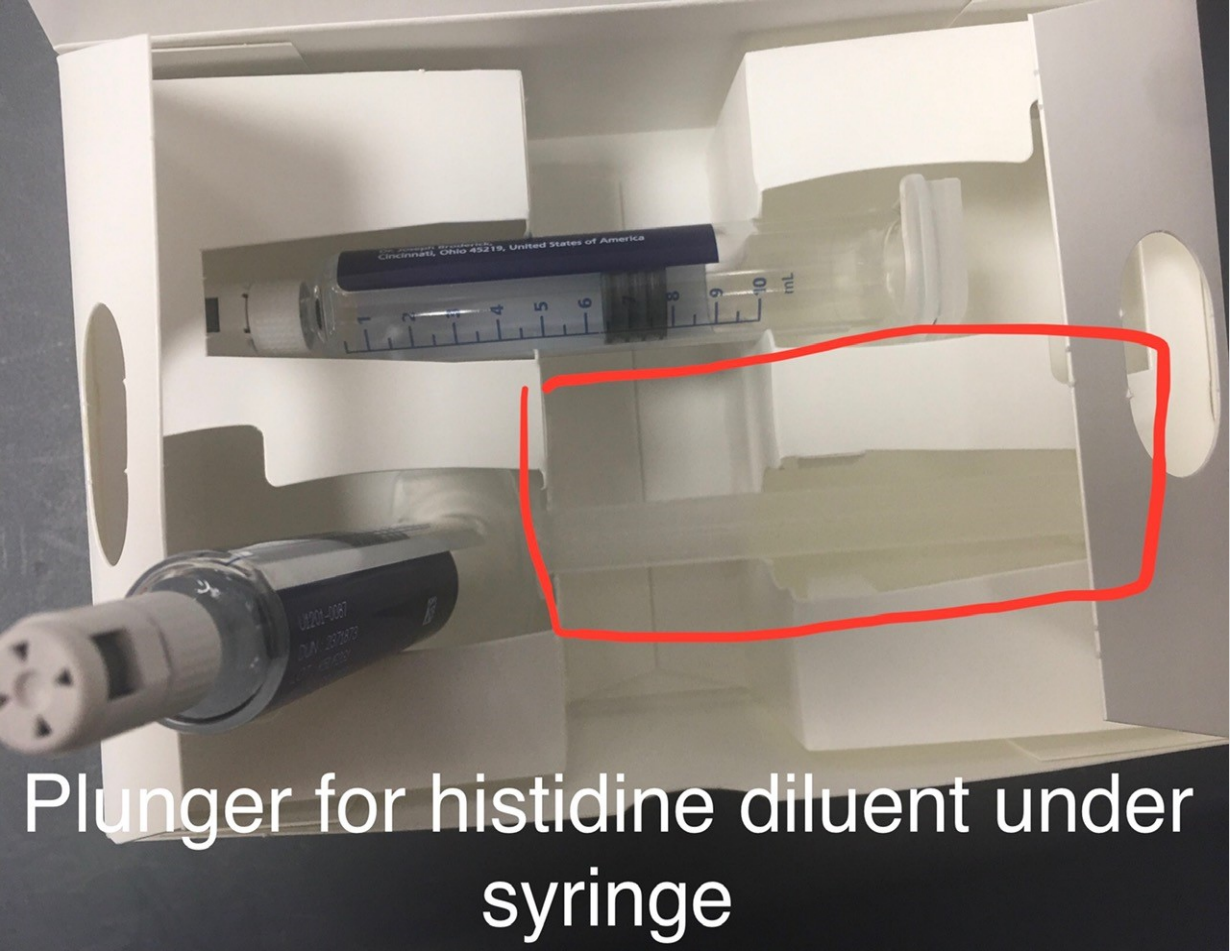
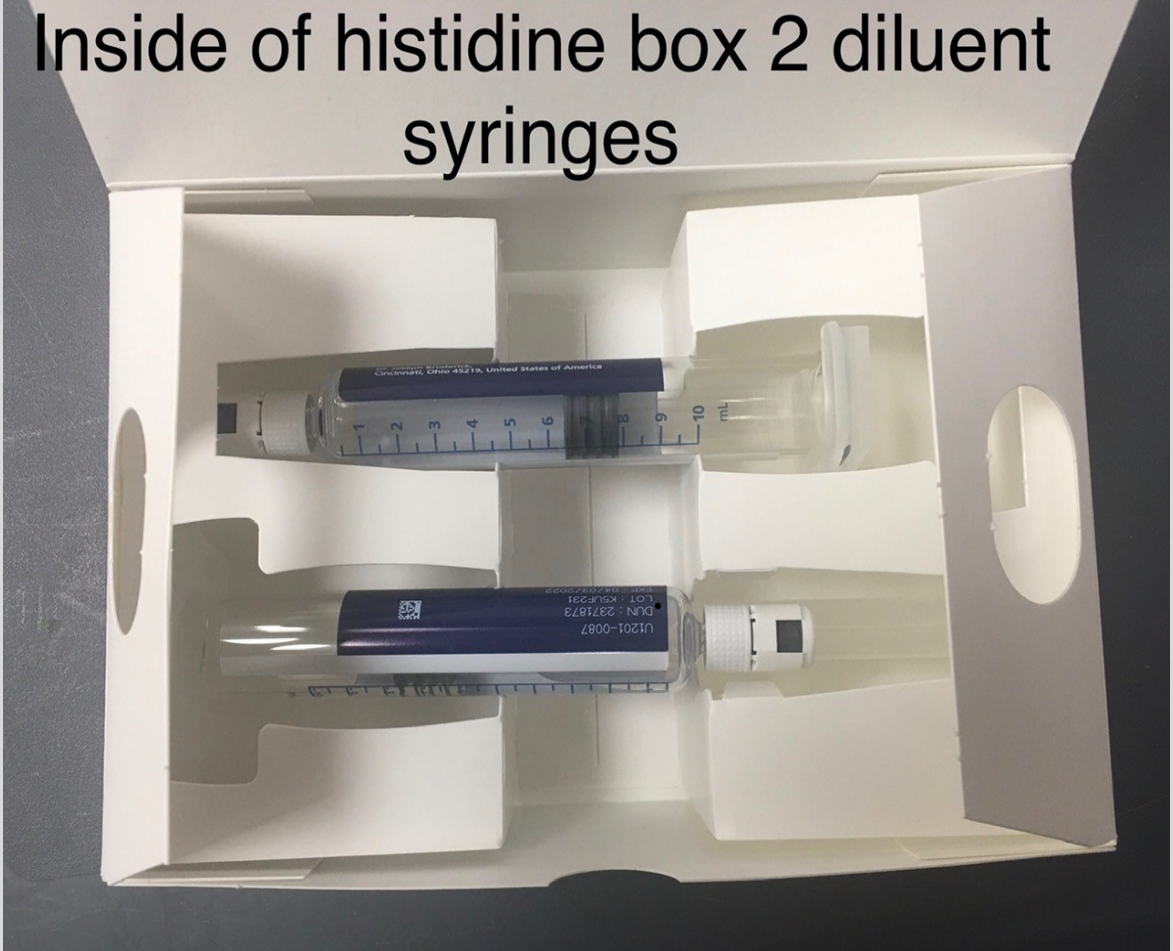
- 5X5 two-sided card added to each kit

Inside the shipment from Novo Nordisk-Inside the rFVIIa/placebo  
Dun Box



# Inside the shipment from Novo Nordisk-Inside the Histidine Dun Box

Inside of histidine box 2 diluent  
syringes



Plunger for histidine diluent under  
syringe


# Accountability & Chain of Custody

- CPS with two enrolling locations with four kits; the CPS can determine how many study drug kits to store for each enrolling location; WebDCU™ will not provide this information
- It is recommended to keep **two kits at each enrolling location**, so a back-up kit is available, if needed.
- CPSs will be responsible to complete the chain of custody form each time a study drug kit is transferred internally from one location to another.
- “chain of custody” and accountability log which serves as a tracking document to track the investigational product from the time it leaves the manufacturer until the time it is used by a subject, destroyed, or returned back to the StrokeNet pharmacy


## **Don't break the chain!**

- CPSs are required to maintain study drug accountability records and temperature monitoring logs
  - CPSs may use their institution's electronic inventory system or use the provided paper logs (WebDCU™ Toolbox>Project Documents)

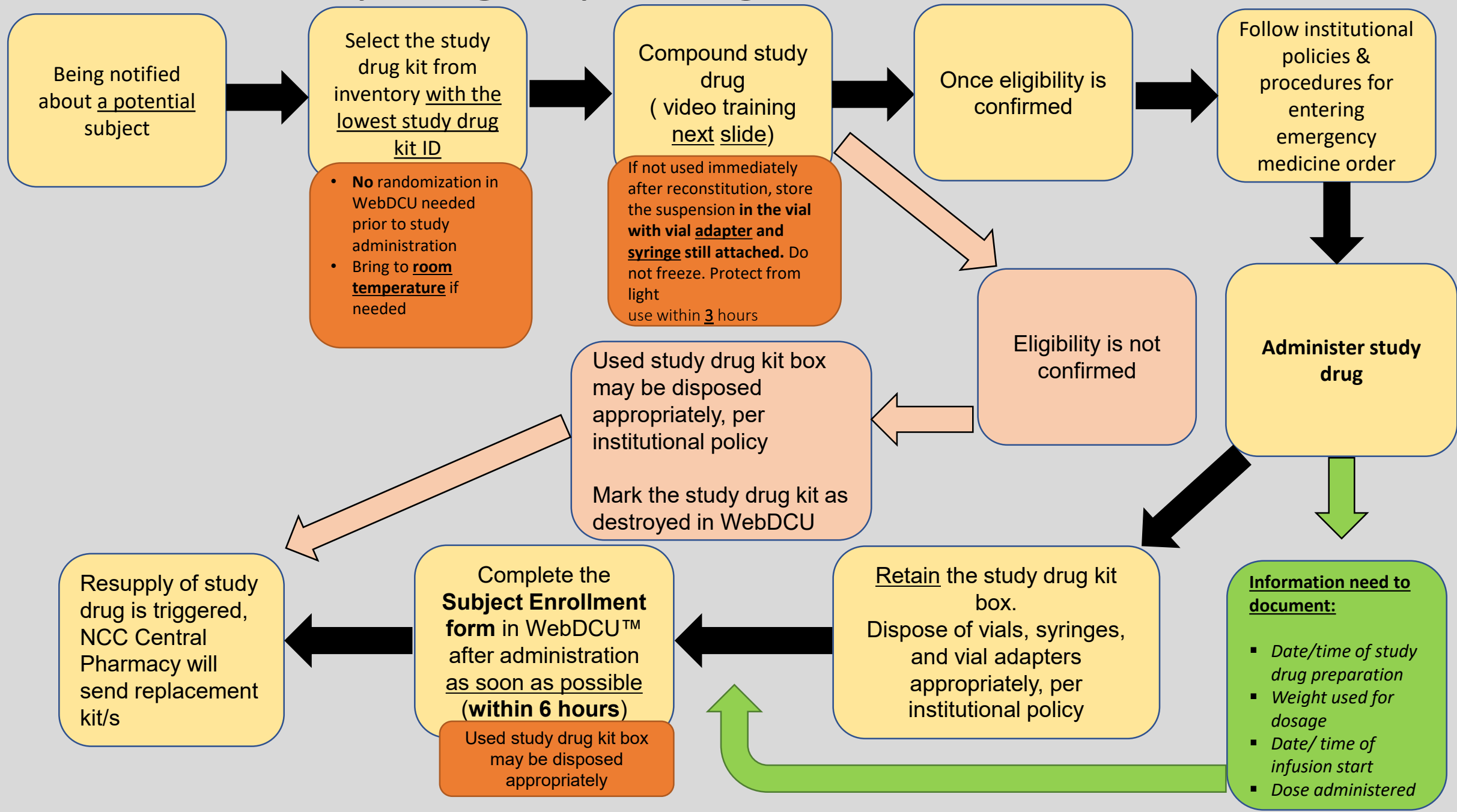
# Drug Accountability

 <b>Investigational product (IP) Drug Accountability Log</b>				<b>Site Name:</b>				<b>Site Number:</b>			
				<b>Protocol Number: U1111-1201-0087</b>				<b>Principal Investigator:</b>			
<b>Overall inventory on site</b>				<b>Subject level drug accountability</b>						<b>Drug destruction</b>	
Date received	Total # of kits received	Balance of drug kits in stock	Site personnel (initials/date)	Pt initials	Date dispensed	Kit code	Total volume prepared (mL)	Total volume administered (mL)	Dispenser (initials/date)	# of vials destroyed	Site personnel (initials/date)

# Chain of Custody

		Investigational product (IP) Chain of Custody Protocol Number: U1111-1201-0087				
<i>Instructions: Any exchange of FASTEST Kits should be documented on this form</i>						
Transition From <i>(Location of Medication Storage)</i>	Transition To <i>(Location of Medication Storage)</i>	Date/Time	Received by <i>(initials)</i>	# of Kits	Kit Code(s)	The Study Kit/s is/are received in good condition <i>(initials/date)</i>

# Study drug dispensing workflow





# Drug Tracking

The screenshot displays the WebDCU FASTEST web application interface. At the top left is the WebDCU logo with the tagline "Data → Information → Knowledge". To its right is the FASTEST logo, which includes a red icon of a truck. In the top right corner, there are links for "Logan SIRLINE Sign Out" and a "Help" button. Below the header, a status bar indicates "Randomized 3.02% (26 / 860) of recruitment target." The main navigation area consists of several blue buttons: "Add New Subject", "Subject CRF Binder", "Study Progress", "Data Management", "Site Management", and "Drug Tracking" (which is highlighted with a blue border). Below these are two white buttons: "Drug Kit Site Receiving" and "Site Drug Kit Removing" (which is highlighted with an orange border). The bottom section of the navigation menu includes buttons for "CRF Data List", "Graphic Reports", "Project Setup", "User Management", "Regulatory Document", "Toolbox", "Emergency Help", "EFIC", and "Alerts" (which is highlighted with a red border). At the bottom left, there is a link for "Full Expanded Menu". At the bottom center, the copyright notice reads: "WebDCU™ © Copyright 2009-2021 Medical University of South Carolina. All rights reserved."

WebDCU™  
Data → Information → Knowledge

FASTEST

Logan SIRLINE Sign Out

Help

Randomized 3.02% (26 / 860) of recruitment target.

Add New Subject

Subject CRF Binder

Study Progress

Data Management

Site Management

Drug Tracking

Drug Kit Site Receiving

Site Drug Kit Removing

CRF Data List

Graphic Reports

Project Setup

User Management

Regulatory Document

Toolbox

Emergency Help

EFIC

Alerts

[Full Expanded Menu](#)

WebDCU™ © Copyright 2009-2021 Medical University of South Carolina. All rights reserved.



rFVIIa for Acute Hemorrhagic Stroke  
Administered at Earliest Time (FASTEST)  
Compounding Video

Training prepared by : Noor Sabagha R.PH., MPH  
Hirut Akalu CPhT, CSPT



# IMPORTANT

- The prefilled glass syringe is **compatible with a standard Luer-lock connector**
- However, some needleless connectors for intravenous catheters are incompatible with the glass diluent syringes (for example, certain connectors with an internal spike, such as Clave<sup>®</sup>/MicroClave<sup>®</sup>, InVision-Plus<sup>®</sup>, InVision-Plus CS<sup>®</sup>, InVision-Plus<sup>®</sup> Junior<sup>®</sup>, Bionector<sup>®</sup>), and their use can damage the connector and affect administration.
- To administer study drug through incompatible needleless connectors, withdraw reconstituted product into a standard 10 mL sterile Luer-lock plastic syringe.

# Study Drug Requests

- WebDCU™ study drug shipment requests will automatically be sent to the StrokeNet NCC Central Pharmacy when:
  - Sites that released to receive study.
  - Subjects are randomized ( complete Subject Enrollment form in WebDCU™ within 6 hr. of drug administration)
  - Study drug is damaged/expired
    - Drug Request will be sent to the NCC Central Pharmacy 14 days prior to kit expiration

# Study Drug Kit Expiration

Study drug kit expiration dates are available in 2 locations:

FASTEST study drug packing slip


WebDCU™ (Drug Tracking Tab> Site Drug Kit Removing)

Will NOT be on study drug kit labels


CPSs will receive emails from WebDCU™ and the NCC Central Pharmacy when kits are nearing their expiration

Emails will contain instructions on how to handle expiring kits and when to expect replacement kits

Replacement kits will be sent before current inventory expirations to prevent CPSs from running out of study drug inventory



## FASTEST Investigational Product Packing Slip



---

**Ship From:**  
Canada Pharmacy  
501 Smyth Road, Transfusion Medicine Room M3604  
Ottawa, ONK1H 8L6

Contact: Heather Maddison  
Phone: 613-737-8899 x71605

**Ship To:**  
WebDCU Test Site 2, Charleston, SC  
, SC

Shipment Tracking Number: 2348-08/06/2021

---

FASTEST Investigational Product Shipping Contents

Site ID: 2348    Site Name: WebDCU Test Site 2, Charleston, SC

No.	Drug Kit Code	rFVIIa/Placebo Component Code	Histidine Component Code	Expiration Date	Shipping Date
1	60001	2370094	2371896	1/21/2022	8/6/2021

Generated by WebDCU on 8/6/2021 12:58:43 PM EST

[Back to previous page](#)

# Study Drug Destruction & Return

CPSs should follow their institutional policy regarding drug destruction protocol

The StrokeNet NCC Central pharmacy can accept returns for destruction if a CPSs institutional policy requires returning the damage or expired drug kits

Follow the steps below to return study drug to the StrokeNet NCC Central Pharmacy

**Study Drug Return Form must be completed and returned with the shipment**

Available on WebDCU™ - Toolbox>Project Documents

Returns should be addressed and shipped to the StrokeNet NCC Central Pharmacy via the CPSs preferred postal carrier


**Return cost will be at the expense of the CPS**

Package tracking information must be provided to StrokeNet NCC Central Pharmacy via email

Temperature monitoring is NOT required for returns

Subject identifiers must be removed from returns

# Study Drug Destruction & Return

<p><b>Instructions to the Pharmacist/Designee:</b></p> <ol style="list-style-type: none"> <li>1. Type or handwrite clearly all information.</li> <li>2. Complete all sections (except <i>StrokeNet NCC Central Pharmacy Use Only</i> section).</li> <li>3. Print this form (if needed).</li> <li>4. Sign and date this form.</li> <li>5. Keep a copy of form for your records.</li> <li>6. Enclose this form with study products and return via preferred shipping method to the StrokeNet NCC Central Pharmacy.</li> <li>7. Pack study products properly to prevent breakage and/or leakage.</li> </ol>	<p><b>Study Drug Return Form</b></p> <p>Protocol Number: U1111-1201-0087</p> 	<p style="text-align: right;"><i>Return to:</i></p> <p style="text-align: center;">StrokeNet NCC Central Pharmacy</p> <p style="text-align: center;">University of Cincinnati Holmes Hospital Room 1209 200 Albert Sabin Way ML 0405 Cincinnati, OH 45267-0405 Phone: 513-584-3166 Fax: 513-584-0091 Email: <a href="mailto:FASTESTtrialRX@ucmail.uc.edu">FASTESTtrialRX@ucmail.uc.edu</a></p>																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Site Name</td> <td style="width: 40%;">Site Number</td> </tr> <tr> <td>Designee/Pharmacist Name</td> <td></td> </tr> </table>		Site Name	Site Number	Designee/Pharmacist Name																																																													
Site Name	Site Number																																																																
Designee/Pharmacist Name																																																																	
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;">Protocol Number</th> <th style="width: 10%;">Kit Code</th> <th style="width: 10%;">Full</th> <th style="width: 10%;">Partial</th> <th style="width: 20%;">Manufacturer</th> <th style="width: 15%;">Lot Number</th> <th style="width: 20%;">Comment(s)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			Protocol Number	Kit Code	Full	Partial	Manufacturer	Lot Number	Comment(s)																																																								
Protocol Number	Kit Code	Full	Partial	Manufacturer	Lot Number	Comment(s)																																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Pharmacy/Site Mailing Address</td> <td style="width: 30%;">Designee/Pharmacist Name</td> </tr> <tr> <td></td> <td>Contact Phone Number</td> </tr> <tr> <td></td> <td>Designee/Pharmacist Signature</td> </tr> <tr> <td></td> <td>Date</td> </tr> </table>		Pharmacy/Site Mailing Address	Designee/Pharmacist Name		Contact Phone Number		Designee/Pharmacist Signature		Date																																																								
Pharmacy/Site Mailing Address	Designee/Pharmacist Name																																																																
	Contact Phone Number																																																																
	Designee/Pharmacist Signature																																																																
	Date																																																																
<p><b><i>StrokeNet NCC Central Pharmacy Use Only</i></b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Protocol Number/Study Product Name</td> <td style="width: 30%;">Date Processed</td> <td style="width: 40%;">Signature of Reviewing Official</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>			Protocol Number/Study Product Name	Date Processed	Signature of Reviewing Official																																																												
Protocol Number/Study Product Name	Date Processed	Signature of Reviewing Official																																																															

# When you think about FASTEST remember .....

- Prepare study drug as FAST as you can ( prior to study drug administration, no randomization in WebDCU needed )
- Complete the Subject Enrollment form in WebDCU as FAST as possible ( within 6 hours post study drug administration) for ...
- StrokeNet pharmacy to resupply you with study drug as FAST as they can.



# Questions?

Please visit [WebDCU™](#) for a copy of the FASTEST Study Drug Procedure Manual

Toolbox>Project Documents