Clinical Research Improvement In Systems and Processes



Project Update May 17*



^{*} A few slides are updated thanks to the feedback received after the meeting.

Clinical Research Connect



Agenda

Clinical Research Connect: Launch June 5

First adopters:

Anesthesiology, Neurosurgery, Surgery

Scope: what's included and excluded for June

Planning next steps and timeline

Clinical Research Connect is a workflow with abilities to capture data once, auto-generate documents and forms, submit electronically, sign documents electronically using DocuSign, send email notifications, and more.

Clinical Research Connect



Study Start-up Future State

Electronic Submission and Approval System Integrations **Compliance Requirements** CIRB Conflict of Interest **ESCRO** Clinical Research Connect CoC (FDA, NIH) FERPA/SBS **Common Information** Investigational Drug Services IRB Protocol Builder Feasibility Assessment IRB Reliance Agreement(s) **ISPRO Neonatal ICU Compliance Requirements New Medical Device IRB** Online Non-UVA Institutional Approval Institutional Review Board **Protocol Review Committee** Radioactive Drug Research Budget Committee RSC/HIRF **Grant Pricing Request** SOM CTO Review + Requirements after IRB Approval Contract. ResearchUVa **Proposal Routing Form Ancillary Services** Ambulatory Clinic/Hospital Nursing Unit/Cancer Center PTAO set-up Infusion Biorepository and Tissue Research Facility (BTRF) **Ancillary Services** Clinical Laboratories Continuum Home Health Billing Coverage Analysis Clinical Research Unit OnCore Health South **Clinical Trials Mgmt** Radiology and Medical ✓ Ready for Enrollment **Imaging** System Supply Chain Management

Therapy Services (Physical Therapy, Occupational

Therapy)

June rollout

Electronic Submission and Approval System Integrations **Compliance Requirements** CIRB Conflict of Interest **ESCRO** Clinical Research Connect CoC (FDA, NIH) FERPA/SBS **Common Information** Investigational Drug Services IRB Protocol Builder Feasibility Assessment IRB Reliance Agreement(s) **ISPRO Neonatal ICU Compliance Requirements New Medical Device IRB** Online Non-UVA Institutional Approval Institutional Review Board **Protocol Review Committee** Radioactive Drug Research Budget Committee RSC/HIRF **Grant Pricing Request** SOM CTO Review + Requirements after IRB Approval Contract. ResearchUVa **Proposal Routing Form Ancillary Services** Ambulatory Clinic/Hospital Nursing Unit/Cancer Center PTAO set-up Infusion Biorepository and Tissue Research Facility (BTRF) **Ancillary Services** All other Ancillary Services are Informational Billing Coverage Analysis **OnCore** Health South **Clinical Trials Mgmt** Radiology and Medical ✓ Ready for Enrollment **Imaging** System Supply Chain Management Therapy Services (Physical Therapy, Occupational

Therapy)

Clinical Research Connect – Study Start-up Phases, Steps and Statuses

Process Phase	Step	Current Status
BEGIN HERE FOR ALL HSR STUDIES	Study Workflow Name Creation	
PRINCIPAL INVESTIGATOR	Principal Investigator Contact Information	
ORGANIZATION(s) and TITLE(s)	Study Organizations and Titles	
Personnel (Provides WORKFLOW ACCESS)	Principal Investigator: Key Personnel	
	Study Personnel and Key Personnel Information	Not Ready
General	Protocol Owner	Not Ready Not Applicable
	Dates, Study Type, Contract Acknowledgment	Open
Study Reports	Study Reports	In Progress
Study Notes	Study Notes	Complete Informational
Study Documents	Study Documents - General	mormational
	Study Documents - Required by IRB, locked when submit	
	Study Documents - Sent to IRB, not locked when submitted	
	Study Documents - Provided by IRB Protocol Builder	
IRB REVIEW TYPE	IRB Review Type	

Every study in the workflow will have a unique UVa Study Tracking Number, auto-generated based on: "HSRYY####"

Process Phase	Step	
BEGIN HERE FOR ALL HSR STU	JDIES	Study Workflow Name Creation
UVA Study Tracking Number	HSR170220	
	The UVA Study Tracking Number is generated using the format: HSRYY# of the calendar year and #### sequential number restarting each calendar	
Study Short Name	Demo Study * Required	
	This, along with the UVA tracking number above, will be used to create the workflow. This field can be no longer than 17 characters and will populate This will also be used, along with PI's School, organization and computeric OSP.	upon save.

After Study Workflow Name Creation:

Clinical Research Connect: HSR170220-Demo Study

Principal Investigator and Study Personnel Information, Study Organizations

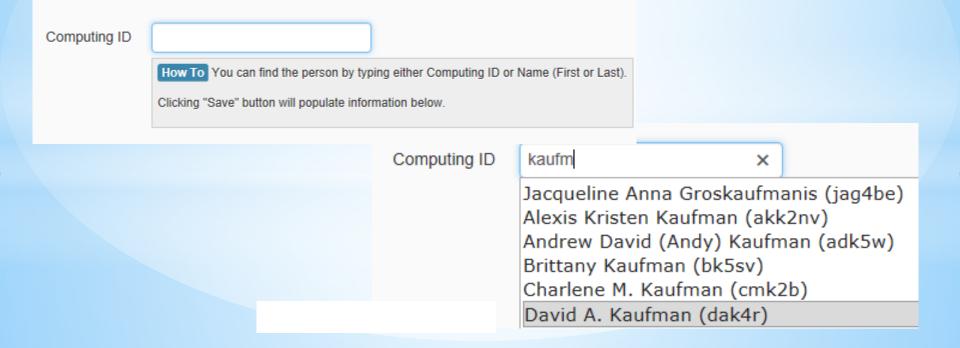
Process Phase	Step
BEGIN HERE FOR ALL HSR STUDIES	Study Workflow Name Creation
PRINCIPAL INVESTIGATOR	Principal Investigator Contact Information
ORGANIZATION(s) and TITLE(s)	Study Organizations and Titles
Personnel (Provides WORKFLOW ACCESS)	Principal Investigator: Key Personnel
	Study Personnel and Key Personnel Information

- Capturing Principal Investigator Computing ID/Name; the system populates Primary Appointment.
- Capturing Responsible Organization and Award Owning Organization; the system populates Department Chairs' information, certain study roles and information.
- Capturing Study Personnel.

Main reason: Clinical Research Connect Access and Populating Proposal Routing Form

Find the person and other contact information will be populated

PRINCIPAL INVESTIGATOR	Principal Investigator Contact Information
ORGANIZATION(s) and TITLE(s)	Study Organizations and Titles
Personnel (Provides WORKFLOW ACCESS)	Principal Investigator: Key Personnel
	Study Personnel and Key Personnel Information



Capturing additional study information, such as Protocol Owner Name

General			Protocol Owner
			Dates, Study Type, Contract Acknowledgment
	What is the Protocol Owner? (Select One)	 Industry UVA Primary Investigator - Investigator Initiated Outside Primary Investigator - Investigator Initiat Cooperative Group *Required	ed
	Protocol Owner Name	pharl X ACADIA Pharmaceuticals Inc. Acceleron Pharma Acerta Pharma LLC Actelion Pharmaceuticals US, Inc. Actelion Pharmaceuticals, Ltd. Afferent Pharmaceuticals, Inc. Agouron Pharmaceuticals, Inc. Akaal Pharma Alavita Pharmaceuticals, Inc. Alexion Pharmaceuticals, Inc. Alliance Pharmaceutical Corp. Altana Pharma US, Inc. Altus Pharmaceuticals, Inc. Altus Pharmaceuticals, Inc. Alza Pharmaceuticals American Association of Pharmaceutical S American Society for Pharmacology and B	

Customer list from the Integrated System (Oracle) available for selection.

Capturing additional study information, such as Study Type for reporting

General	Protocol Owner
	Dates, Study Type, Contract Acknowledgment

Study Type:

Select



* Required

- Basic Science (BAS): Protocol designed to examine the basic mechanisms of action (e.g., physiology, biomechanics) of an intervention.
- Diagnostic (DIA): Protocol designed to evaluate one of more interventions aimed at identifying a disease or health condition.
- Health Services Research (HSR): Protocol designed to evaluate the delivery, processes, management, organization, or financing of health care.
- Prevention (PRE): Protocol designed to assess one or more interventions aimed at preventing the development
 of a specific disease or health condition.
- Screening (SCR): Protocol designed to assess or examine methods of identifying a condition (or risk factor for a condition) in people who are not yet known to have the condition (or risk factor).
- Supportive Care (SUP): Protocol designed to evaluate one or more interventions where the primary intent is to
 maximize comfort, minimize side effects, or mitigate against a decline in the participant's health or function. In
 general, supportive care interventions are not intended to cure a disease.
- Treatment (TRE): Protocol designed to evaluate one or more interventions for treating a disease, syndrome, or condition. Note: This equates to therapeutic trials in previous versions of the guidelines.
- · Other (OTH): Not in other categories
- Retrospective ONLY (sub-category of HSR)

Capturing Study Population for reporting

Study Population (choose all	Bacterial and Fungal Diseases
that apply)	☐ Behaviors and Mental Disorders
	☐ Blood and Lymph Conditions
	Cancers and Other Neoplasms
	☐ Digestive System Diseases
	☐ Diseases and Abnormalities at or Before Birth
	☐ Disorders of Environmental Origin
	☐ Ear, Nose, and Throat Diseases
	☐ Eye Diseases
	☐ Gland and Hormone Related Diseases
	☐ Heart and Blood Diseases
	☐ Immune System Diseases
	Muscle, Bone, and Cartilage Diseases
	□ Nervous System Diseases
	□ Nutritional and Metabolic Diseases
	Occupational Diseases
	Parasitic Diseases
	Respiratory Tract (Lung and Bronchial) Diseases
	Skin and Connective Tissue Diseases
	Substance Related Disorders
	Symptoms and General Pathology
	☐ Urinary Tract, Sexual Organs, and Pregnancy Conditions
	☐ Viral Diseases
	☐ Wounds and Injuries
	This list of values is taken directly from https://www.clinicaltrials.gov.

Study Reports providing executive summary for a particular component, used to create PRF Study Notes for common communication

Study Reports	Study Reports
Study Notes	Study Notes

KEY PERSONNEL 5/17/2017

Principal Investigator

Computing ID	First Name	Last Name	Key Personnel?	COI Investigator?
nbf2p	Nathan	Fountain	Yes	Yes

Sub-Investigator(s)

t Name	Last Name	Key Personnel?	COI Investigator?
an	Gaultier	Yes	No
chayi	Dalal	No	No
ve	Fetcho	No	
-	chayi	an Gaultier Chayi Dalal	an Gaultier Yes Chayi Dalal No

Study-Coordinator(s)

Computing ID	First Name	Last Name	Key Personnel?	COI Investigator?
jjl4d	Johanna	Loomba	No	No
ja4na	Junaid	Ahmad	Yes	Yes
se6ta	Sara	Elizabeth	Yes	No

Short Title	Integration Test	
Proposal Type:	New	
Proposal Org/Dept No:	40410 MD-CELL Cell Biology	
Award Owning Org/Dept No:	40730 MD-INMD Allergy	
Primary Activity Type:	Organized Research	
This project will occur:	On-Grounds	
Check all that apply:	Basic/Bench Research, Clinical Research	
Proposal Period From:	7/17/2017	
Proposal Period To:	7/21/2024	
SBIR	No	
STTR	No	
Limited submission opportunity		
3. SPONSOR DETAILS		
Immediate Sponsor:	Men's 4-Miler	
Sponsor Type:	Industry	
Originating Sponsor (if applicable)		
Solicitation #:		
CFDA #:	6003	

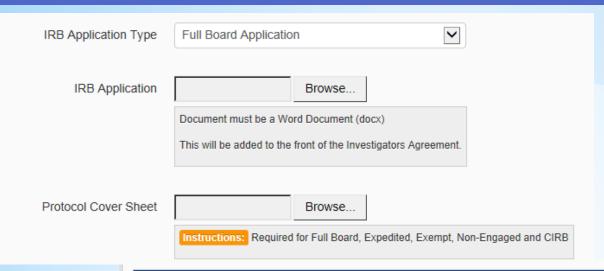
Study Documents

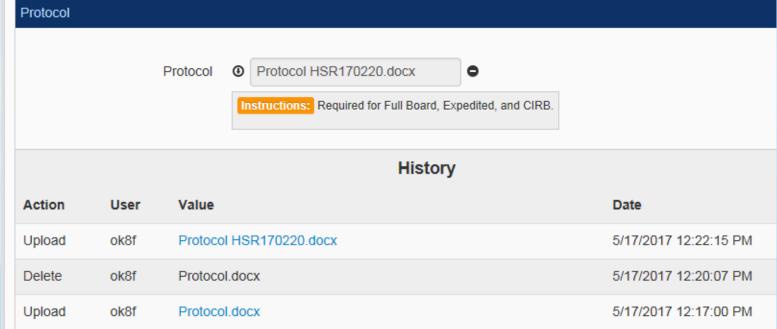
Study Documents	Study Documents - General
	Study Documents - Required by IRB, locked when submitted to IRB
	Study Documents - Sent to IRB, not locked when submitted to IRB
	Study Documents - Provided by IRB Protocol Builder





Study Documents: Easy Upload function, previous versions are available





Identifying IRB Review Type

Instructions

This step is Open when "PI - Appointment and Study - Organizations and Titles" Step is Complete.

Important: Identifying IRB Review Type is important as there are many steps which are dependent on this selection. Use IRB Review Type Table. If you are not confident, contact IRB-HSR staff to confirm your selection.

Submit the step only when you are ready. After you "Submit" the step, the information will not be available for editing.

IRB Review Type

IRB Review Type	 Emergency Use of an Unapproved Drug or Device - For clinical care of a single patient
	O Humanitarian Device Exemptions (HDE) - Exemption for use of a Humanitarian Use Device
	 Non-Human Subject Research Determination- Does not meet definition of human subject research or is not a clinical investigation of a test article
	Non-UVA Agent - Human Subject Research but not conducted on behalf of UVa
	Exempt - Not any of the above & meets an Exempt Criteria
	 Non-Engaged - Not any of the above, & does not engage UVa in human subject research.
	O Expedited - Not any of the above, must be Minimal Risk & meet an Expedited Criteria
	O Full Board - Does not qualify for another review type.
	* Required

Steps change status depending on actions and completion of prerequisites.

IRB Review Type	Complete 5/15/2017 12:42:11 PM
Multi-Site, Study Subject	Open 5/15/2017 12:42:12 PM
Funding Source, Other Support Sources	Open 5/15/2017 12:42:12 PM
IDS, IND Holder, IDE Holder	In Progress 5/17/2017 10:55:57 AM

For example:

- Submission of IRB Review Type "Completes" the IRB Review Type step.
- Dependent steps, such as three shown above became "Open".
- Saving information on a step changed the status to "In Progress".

Feasibility Assessment Submission	Open 5/15/2017 12:31:52 PM
Feasibility Assessment Committee	Not Ready 5/15/2017 12:04:51 PM

For example:

• The "Committee" step is "Not Ready" until the "Submission" is complete.

Certification is an automatically generated document. It will be signed electronically by PI, PI's Primary Appointment Department Chair, Responsible Department Chair, Award Owning Department Chair, and the SOM Dean's Office.

Certification	Certification
	Certification DocuSign Creation
	Certification DocuSign Status
	MILESTONE: Certification Signed Document

Replacing signatures on the Proposal Routing Form and Department Chairs' signatures on IRB Application

<u>**DEPARTMENT CHAIR'S STATEMENTS:**</u> I concur with the submission of this proposal, which is education and research objectives of the Department and School, and agree:

- 1.) To release the designated faculty for the effort indicated.
- 2.) To communicate with collaborating departments and other key personnel as necessa
- 3.) That adequate space will be made available for the proposed program.
- 4.) That cost sharing is reasonable and appropriate for this program.
- 5.) To assume responsibility for providing adequate administrative support
- 6.) To assume responsibility for any costs incurred in excess of the amount awarded by t
- 7.) That the Principal Investigator is qualified to perform this study.
- 8.) That the protocol is scientifically relevant and sound.
- To work with the investigator and with the IRB as needed to maintain compliance wit governs this study.

PI Primary Organization Department Chair:

DocuSigned by:

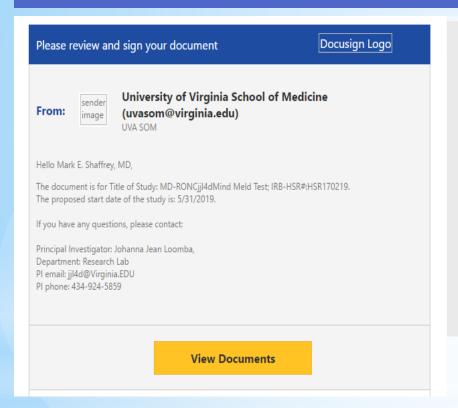
Mark E. Shaffrey, MD

5/17/2017

Mark E. Shaffrey, MD
David D. Weaver Professor and Chair
Department of Neurosurgery



How to "DocuSign"



DocuSign Envelope ID: 42925333-D0A8-41B1-92FA-5A201C80D2C2

PROVIDED BY DOCUSIGN ONLINE SIGNING SERVICE
999 3rd Ave, Suite 1700 - Seattle - Washington 98104 - (206) 219-02C
www.docusign.com

Certification for Health Sciences Human Subject Research Study Start Up

Document Creation Date: 5/17/2017

UVa Study Tracking #: HSR170219

Principal Investigator (PI): Loomba, Johanna Jean - jjl4d

PI's Department: 40847 MD-NERS Research Lab

41210 MD-SURG Surgery, Admin

MD-RONCjjl4dMind Meld Test

Proposal Title

Full Protocol Title

41150 MD-RONC Radiation Oncology



Responsible Department:

Award Owning Department:

Study Short Name:

Full Protocol Title:

Proposal Title:

Mark E. Shaffrey, MD David D. Weaver Professor and Chair Department of Neurosurgery mes8c@virginia.edu

Additional important steps: Contract and creation of PRF, PTAO Budget and Grant Pricing Request

CONTRACT	Contract
	MILESTONE: Contract Execution
PTAO	PTAO Request (by OGC/OSP)
	MILESTONE: PTAO Entry

Generating At-Risk PTAO for Industry studies earlier in the process.

Budget and Grant Pricing Request	Grant Pricing Request
	Budget

Grant Pricing Request has a link to a new application allowing study team search for procedures and identify their pricing.

Grant Pricing Request – New Application Allowing to search for procedures and access pricing

Search	Carts	Favorites	Help						
				CPT Code					
				Location Name	scan				
				Procedure Description					
					Search C	lear Search			
Search Ret	urned 24	3 Results							
									MC UPLOAD DATE: 4/11/2017
									UPG UPLOAD DATE: 3/23/2017
Menu	SM	MS/CDM	CPT CODE	LOCATION OF SERVIO	CE	PROCEDURE DESCRIPTION	MC PRICE	STUDY PRICE	UPG PROF FEES
+	28	3203826	77012	C.T. Scan		BIOPSY WITH CT GUIDANCE	\$4336.00	\$168.00	\$144.32
+	28	3203875	32405	C.T. Scan		BX LUNG/MEDIASTINUM PERC NDL	\$2652.00	\$102.00	\$265.92
+	28	3200202	71275	C.T. Scan		CTA CHEST W&W/O CONTRAST	\$5872.00	\$226.00	\$241.70

Managed by the SOM Clinical Trials Office

Compliance Requirements: IRB Protocol Builder Clinical Research Connect

COMPLIANCE REQUIREMENTS	MILESTONE: Completion in IRB Protocol Builder
	Compliance Requirements Checklist (Provided by IRB)

Institutional Biosafety Committee (IBC) - IBC Number Applicable

Not Applicable

Investigational Drug Services (IDS)

Applicable

Not Applicable

IRB Reliance Agreement: IRB-HSR is IRB of Record

Applicable

Not Applicable

IRB Reliance Agreement: IRB-HSR not IRB of Record Applicable

Not Applicable

New Medical Device

Applicable

Not Applicable

Requires study team's acknowledgment that they have completed related questions in IRB Protocol Builder and have indicated UVa Study Tracking Number

Automatically setting "Applicable" and "Not Applicable" for each requirement.





Electronic Submissions and Outcomes Prior to submitting to IRB

Submissions and Outcomes Prior to IRB Pre-Review	Central Institutional Review Board (CIRB)
	Conflict of Interest Committee Outcome
	ESCRO Submission
	ESCRO Outcome
	FDA Certificate of Confidentiality
	FERPA/SBS Submission
	FERPA/SBS Outcome
	IDS Submission
	IDS Committee
	IDS Status
	Institutional Biosafety (IBC) Submission
	Institutional Biosafety (IBC) Outcome
	Institutional Biosafety Committee (IBC Number)
	IRB Reliance Agreement: IRB-HSR is IRB of Record
	IRB Reliance Agreement: IRB-HSR not IRB of Record

Compliance requirements steps will become "Open" if were identified as "Applicable"; "Not Applicable" otherwise.

Electronic Submissions and Outcomes Prior to submitting to IRB (continue)

Submissions and Outcomes Prior to IRB Pre-Review

		$\overline{}$
	Neonatal ICU Submission	
	Neonatal ICU Committee	
	New Medical Device	
	Non-UVA Institutional Approval	
	Protocol Review Committee (PRC) Submission	
	Protocol Review Committee (PRC) Committee	
	Radioactive Drug Research Committee (RDRC)	
	RSC/HIRE Standard Radiation Language	
	RSC/HIRE Submission	
	RSC/HIRE Committee	
	SOM CTO Review and Outcome	
DATA SECURITY PLAN	Data Security Plan	
	Data Security Plan Outcome	

Data Security Plan and Highly Sensitive Data Storage Request are Auto-generated



UVa Research Data Security Plan

Document Creation Date:	4/25/2017
Workflow Name:	HSR170144-DRS Document Test
Proposal Org/Dept No:	40510 MD-CANC Cancer Center
Principal Investigator:	Dina Halme - dgh8a
Submitted by:	dr3a

INTERNAL DATASET

The following identifiers will be collected and/or stored at UVa as part of this research study:

Original source data collection

HIPAA Identifiers
1. Name
To Doctal address includes street and for DO

stal address includes street and/or PO Box, and town or city, state, and zip code

Store long term at UVa

I	HIPAA Identifiers
ı	1. Name
ı	2a. Postal address includes street and/or PO Box, and town or city, state, and zip code

INTERNAL DATASET

The following identifiers will be collected and/or stored at UVa as part of this research stud-

INTERNAL DATASET TYPE DETERMINATION (applies to data that will be collected/stored a

The internal data set is **HIGHLY SENSITIVE**.

The internal data will be stored in the following formats:

Question	Answer V
Page 2: Collection & storage of human subject research data	
A) Paper Documents:	Appropriate UVa location (See list I storage facility
Other: (Please describe)	Other: (Please describe)
B) Emailed to other UVA personnel:	Research data emailed, but with no dates.
Other Email Characteristics: (Please describe)	Other Email Characteristics: (Please
C) Electronic Medical Record (EPIC):	Not Applicable

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Data Security Plan Workflow Answers

atus : Complete

WF SUMMARY DETAILS				
Document Creation Date:	4/25/2017	4/25/2017		
Workflow Name:	HSR170144-DRS Document Test			
Proposal Org/Dept No:	40510 MD-CANC Cancer Center			
Principal Investigator:	Dina Halme - dgh8a			
DSP Submitted by:	dr3a			
Question		Answer Value		
Page 1: Data Security Plan HIPAA Identifiers				
Protocol File Uploaded to Study Documents:		Yes		

_		
	HIPAA Identifiers	1. Name
Г	What applies:	Original source data collection, Send or transmit outside of
L		UVA, Store long term at UVa

HIPAA Identifiers What applies:	2a. Postal address includes street and/or PO Box, and town or city, state, and zip code. Original source data collection, Send or transmit outside of UVA, Store long term at UVa.
Question	Answer Value

Question Answer Value	vitat applies.	UVA, Store long term at UVa	
A) Paper Documents: Appropriate UVa location (See list below), UVa approved storage facility Other: (Please describe) B) Emailed to other UVA personnel: Cher Email Characteristics: (Please describe) Cher Email Characteristics: (Please describe) Cher Email Characteristics: (Please describe) Other Email Character	Question	Answer Value	
Storage facility	Page 2: Collection & storage of human subject research data		
B) Emailed to other UVA personnel: Other Email Characteristics: (Please describe) C) Electronic Medical Record (EPIC): Data will be collected in EPIC a spart of routine care or as part of medical center encounters during the research study D) UVA approved eCRE or clinical trials management system: I acknowledge by UVA Health System II if you answered "No" to the acknowledgment above, for each device list who provides support, include their contact Inding Medical Police	A) Paper Documents:		
Cither Email Characteristics: (Please describe) C] Electronic Medical Record (EPIC): Data will be collected in EPIC as part of routine care or as part of medical center encounters during the research study D) UVA approved cCRE or clinical trials management system: I acknowledge that APIV electronic use devices used to connect to any servers/websites checked above are supported by UVA Health System IT If you answered "No" to the acknowledgment above, for each device list who provides support, include their contact Information (Device Name: Contact Name, Emill & Phone):	Other: (Please describe)	Other: (Please describe)	
C) Electronic Medical Record (EPIC): Data will be collected in EPIC as part of routine care or as part of medical center encounters during the research study D) UVA approved cCRE or clinical trials management system: I acknowledge that APIV electronic use devices used to connect to any servers/websites checked above are supported by UVA Health System IT If you answered "No" to the acknowledgment above, for each device list who provides support, include their contact Information (Device Name: Contact Name, Emill & Phone):	B) Emailed to other UVA personnel:		
Data will be collected in EPIC as part of routine care or as part of medical center encounters during the research study 10 JVVA approved cCRF or dinical trials httsdsmpogapp.hscs.virginia.edu 1 acknowledge that AMY electronic use devices used to connect to any servers/websites checked above are supported by UVA Health System IT 1f you answered "No" to the acknowledgment above, for each device list who provides support. Include their contact Name, Imail & Phone): 1 contact Name, Imail & Phone):	Other Email Characteristics: (Please describe)	Other Email Characteristics: (Please describe)	
management system: I acknowledge that AMV electronic use devices used to connect to any servers/websites checked above are supported by UV4 Health System IT If you answered "No" to the acknowledgment above, for each device list who provides support. Include their contact Information (Device Name: Contact Name, Emill & Phone):	Data will be collected in EPIC as part of routine care or as part of medical center encounters during the	Not Applicable	
to connect to any servers/websites checked above are supported by UV ahealth system IT if you answered "No" to the acknowledgment above, for each device list who provides support, include their contact information (Device Name: Contact Name, Email & Phone):		hstsdsmpogapp.hscs.virginia.edu	
above, for each device list who provides support. Include their contact information (Device Name: Contact Name, Email & Phone):	to connect to any servers/websites checked above	Yes	
E) UVA servers & websites: \\hscs-ss7, \\hscs-ss12, UVa HIT DrogBox/Sookasa	If you answered "No" to the acknowledgment above, for each device list who provides support. Include their contact information (Device Name:		
	E) UVA servers & websites:	\\hscs-ss7, \\hscs-ss12, UVa HIT DropBox/Sookasa	

Page 1 of 3



Document Creation Date: 4/25/2017

PI's Department:

Pl's Name:

Pl's Signature:

Workflow Name: Proposal Org/Dept No: Principal Investigator: HSR170144-DRS Document Test 40510 MD-CANC Cancer Center Dina Halme - dgh8a Submitted by: **Details of Request** (To be completed by requestor) I request approval to store highly sensitive data 1 on my individual use electronic devices and/or electronic media. I acknowledge my responsibility to treat these data with the utmost care and meet all of the requirements specified in the U.Va. Electronic Storage of Highly Sensitive Data Policy. I understand that failure to comply with the policy will result in disciplinary action up to and including termination. Details of my request follow. The highly sensitive data elements referenced in the <u>Electronic Storage of Highly Sensitive Data Policy</u> that I request to store are:

1. Name, 2a. Postal address includes street and/or PO Box, and town or city, state, and zip code The data would be stored on my: Flash (thumb) drive The justification for storage of these data is: The justification for storage of these data on this individual use device is:

¹ Refer to definition of highly sensitive data in the <u>U.Va</u>. Electronic Storage of Highly Sensitive Data Policy http://uvapolicy.virginia.edu/policy/iRM-015

Other storage alternatives that were considered and the reasons they are unworkable:

Cancer Center

Assistant Professor of Medicine in the Cancer Center

Dina Halme

Page 1 of 2

ISPRO Approval of the Data Security Plan and Highly Sensitive Data Storage Form, which will be signed electronically

Submissions and Outcomes Prior to IRB Pre-Review

ISPRO Committee (Data Security Plan)
ISPRO Highly Sensitive Data Storage Form DocuSign Creation
ISPRO Highly Sensitive Data Storage Form DocuSign Status
ISPRO Highly Sensitive Data Storage Form Signed Document



IRB-HSR: Submission, Signing, Status and Information

IRB Submission: Clinical Research Connect → IRB (auto-generated email) IRB Status and Information: IRB Online → Clinical Research Connect

MILESTONE: IRB-HSR Submission
IRB-HSR Status and Information (Provided by IRB)
IRB-HSR Investigator Agreement
IRB-HSR DocuSign Creation
IRB-HSR DocuSign Signature Status
IRB-HSR DocuSign Status
IRB-HSR Investigator Agreement Signed
MILESTONE: IRB-HSR Approval







Electronic Submissions and Outcomes After IRB Approval

Submissions and Outcomes After IRB Approval	NIH Certificate of Confidentiality
	HIRE Notification
	GRIME Submission
	GRIME Outcome
	GMEC Submission
	GMEC Outcome

Ancillary Services – starting point

Ancillary Services	Biorepository and Tissue Research Facility
	Clinical Labs
	Radiology and Medical Imaging, including Snyder Research Imaging
	Ambulatory Clinic/Hospital Nursing Unit/Cancer Center Infusion
	New Medical Device/Supply Chain Management
	Continuum Home Health
	Therapy Services (Physical Therapy, Occupational Therapy)
	Clinical Research Unit
	Health South

For June rollout: only BTRF step provides electronic submission. Other steps do not provide electronic submission to the ancillary services; they are informational only, providing instructions on the submission/review process.

Preliminary and actual submission to Investigational Drug Services, IDS Status

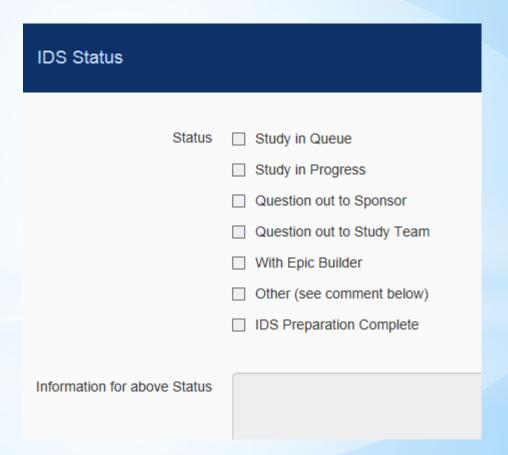
Preliminary IDS Submission

Preliminary IDS Committee

IDS Submission

IDS Committee

IDS Status



Billing Coverage Analysis and Final steps to Completion

ClinicalTrials.gov	ClinicalTrials.gov
BILLING COVERAGE ANALYSIS (BCA)	Billing Coverage Analysis (BCA) - by CTO
	BCA DocuSign Creation - by CTO
	BCA DocuSign Status
	MILESTONE: BCA Signed Document
Billing Set-up	MILESTONE: Billing Set-up
START-UP COMPLETION	MILESTONE: READY FOR ENROLLMENT



Clinical Research Connect Process and System Highlights

WE HAVE A PLATFORM to connect study team to all the steps in the highly complex process

Automated 100 study start-up components

Moved toward single point of data entry, provided visibility and increased awareness

Eliminated more than 10 signatures and allowed electronic signing

Automated 25 compliance requirements prior to submission to IRB

Created Feasibility Assessment framework

Allowed generation of At Risk PTAO earlier in the process

Provided access to research pricing throughout the study management

Reengineered Data Security Plan generation

Established foundation for reporting, analytics, and decision making

Planning Next Steps

July-August: review, assessment, finalizing Phase 2 scope and timeline

September: starting Phase 2 development

Fall 2017: Decisions on rollout to SOM and beyond

THANK YOU!

Clinical Research Connect

