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Radiology

RADtrials

Clinical Trial Startup Tracker at Radiology

Research Analytics Summit
March 11th, 2024



RADtrials



Meet the Team



Motivation



Proposed Framework



Outcomes



Future Directions

RADtrials Meet the Team



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Brittney Williams



David Marcellus



Lawrence "Rusty" Hofmann



Andrea Otte

RADtrials
piloted at Stanford IR



Sharon Cardenas-Ledezma



A. Romanowska-Pawliczek



Benjamin Franc

RADtrials Motivation



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Status	Issue	Stakeholder
☐	“Black Box” complaint	PIs
☐	No tool guiding the work	CRCs
☐	No structured oversight of work performed	CRMs
☐	Limited insights hindering effective planning	Leadership

PI – Principal Investigator

CRC – Clinical Research Coordinator

CRM – Clinical Research Manager

RADtrials Structure



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RADtrials - CANCER - Startup



Actions ▾



		Name ▲	Sharing
☐	☆	📁 archive	Workspace
☐	☆	📁 dashboards	Workspace
☐	☆	📁 reports	Workspace
☐	☆	📁 studies	Workspace
☐	☆	📁 templates	Workspace

RADtrials Structure



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Smartsheet

File Edit View Window Help

Study A

smartsheet

File Automation Forms Connections Dynamic View

Study A

Grid View Filter

Arial 10 B I U

No.	Task Name	Task Initiated	Task Completed	Not Applicable	Status	Health	Pr...	Assigned To	Notify Assignee	Response
0	Project Information									
0.1	Provide Project Information	☒	☒	☐	Complete	●			☐	PI
1	Protocol/Site Selection Questionnaire									
1.1	Secure confidentiality disclosure agreement	☒	☒	☐	Complete	●		Anna Romanowska-Pawliczek	☒	PI Leg
1.2	Submit CCTA form	☒	☒	☐	Complete	●				
1.2.1	Determine the necessary equipment to run the protocol	☒	☒	☐	Complete	●				PI
1.2.2	Determine if there is sufficient staff support	☐	☐	☒	Not Applicable	●				CRM
1.2.3	Determine if there is available cohort of patients study	☒	☐	☐	In Progress	●				PI
1.5	Sponsor's pre-study site visit	☒	☒	☐	Complete	●				PI CRI
1.6	Site selection confirmation	☒	☒	☐	Complete	●				Sponsor
1.7	Obtain all protocol information from sponsor	☒	☐	☐	In Progress	●				Lead CR
1.7.1	Obtain regulatory documents	☒	☐	☐	In Progress	●				Lead CR
1.7.2	Obtain budget draft	☐	☐	☐	Not Started	●				Lead CR
1.7.3	Obtain contract draft	☐	☐	☐	Not Started	●				Lead CR
2	Study and Site Feasibility Assessment									
2.1	Submit CCTA feasibility	☐	☐	☐	Pending	●				PI
2.2	Present PSOS to CRG	☐	☐	☐	Pending	●				CRC
3	Protocol Intake									
3.1	Submit PSOS and priority score to CCTO intake	☐	☐	☐	Pending	●				CRC
3.1.1	Assigned Regulatory Specialist	☐	☐	☐	Pending	●				Regulate
3.1.2	Assigned Financial Specialist	☐	☐	☐	Pending	●				Financial Services
3.1.3	SRC approval	☐	☐	☐	Pending	●				SRC
3.1.4	IRB approval	☐	☐	☐	Pending	●				IRB

Sheet Summary

Message to PI

No action items for the PI to address at this time.

Study Title (short)

Study A

Stanford Status

In Start-Up

Official Title

Study A to investigate X, Y, and Z

Stanford PI

Doe, Jane

PI's Dashboard Link

https://...

Stanford Startup Contact



New Task Assignment for the Study A Startup



Smartsheet Automation <automation@smartsheetmail.stan

To ● Anna Romanowska-Pawliczek

← Reply

↩ Reply All

→ Forward



Sat 3/9/2024 5:58 PM



New Task Assignment for the Study A Startup

Hello Anna Romanowska-Pawliczek,

For the Study A, you have been assigned the following:

>>> Task: 1.1 Secure confidentiality disclosure agreement

>>> Instructions: Share CDA with the sponsor

>>> Resources: Use template available at <https://www...>

Kind regards,
RADtrials Admin

PS Should you have any questions, please contact Brittney Williams, BS,
Clinical Research Manager, at bw718@stanford.edu



smartsheet

Dr. Jane Doe's Dashboard

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Studies in Startup

Study A

Study B

Study C

Studies in Execution

Studies in Closeout

Stanford Clinical Research Managers



Non-Cancer Studies

Andrea Otte, DPT

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Cancer Studies

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Resources

U.S. National Library of Medicine
[ClinicalTrials.gov](https://clinicaltrials.gov)



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RADtrials Structure



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Clinical Study Startup: Study A

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Current action items to be addressed by the PI

Message to PI

No action items for the PI to address at this time.

Details

Stanford PI	Stanford Startup Contact	Trial ID (NCT)	SPO	IRB #	OnCore ID	SPONSOR	SPONSOR Contact(s)
Doe, Jane	Smith, John	0000000	12345678	2222222	21212121	Big Pharma, LLC	Brown, Mary

Task Status

Primary	No.	Priority	Health	Responsible Party	Task Start Date	Task End Date	Status	Count
Total								52
Status Complete								6
Provide Project Information	0.1		●	PI	03/04/24	03/04/24	Complete	
Secure confidentiality disclosure agreement	1.1		●	PI Legal (RMG)	03/04/24	03/04/24	Complete	
Submit OCTTR form	1.2		●	PI	03/04/24	03/04/24	Complete	
Determine the necessary equipment to run the study per protocol	1.2.1		●	PI	03/04/24	03/04/24	Complete	
Sponsor's pre-study site visit	1.5		●	PI CRM	03/04/24	03/04/24	Complete	
Site selection confirmation	1.6		●	Sponsor	03/04/24	03/04/24	Complete	
Status In Progress								3
Determine if there is available cohort of patients needed for the study	1.2.3		●	PI	03/04/24		In Progress	
Obtain all protocol information from sponsor	1.7		●	Lead CRC CRM	03/04/24		In Progress	
Obtain regulatory documents	1.7.1		●	Lead CRC CRM	03/04/24		In Progress	
Status Not Applicable								1
Determine if there is sufficient staff support	1.2.2		●	CRM			Not Applicable	
Status Not Started								2
Obtain budget draft	1.7.2		●	Lead CRC CRM			Not Started	
Obtain contract draft	1.7.3		●	Lead CRC CRM			Not Started	
Status Pending								40
Submit CCTO feasibility	2.1		●	PI			Pending	
Present PSOS to CRG	2.2		●	CRC CRM			Pending	
Submit PSOS and priority score to CCTO intake	3.1		●	CRC CRM			Pending	

Resources

NIH U.S. National Library of Medicine

[ClinicalTrials.gov](https://clinicaltrials.gov)

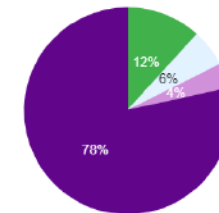
OnCore

ePROTOCOL

box

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Task Count



● Complete Count ● In Progress Count ● Not Started Count ● Pending Count

Clinical Research Manager

Brittney Williams, BS

RADtrials Outcomes



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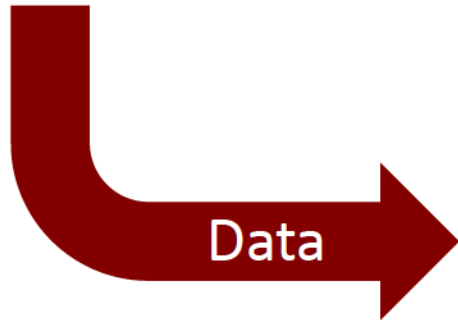
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Workflow rolled out

- Sept. 2023 at Interventional Radiology
- Nov. 2023 at Nuclear Medicine
- Dec. 2023 across Radiology Dept.



Data-driven actions

- Continue to analyze features
- Identify and address bottlenecks
- Analyze and explain outliers
- Predict completion dates
- Mitigate potential service debacles
- Scale up operations

