



Stanford
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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

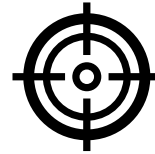


A. Romanowska-Pawliczek



Benjamin Franc

RADtrials Motivation



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Status	Issue	Stakeholder
<input type="checkbox"/>	“Black Box” complaint	PIs
<input type="checkbox"/>	No tool guiding the work	CRCs
<input type="checkbox"/>	No structured oversight of work performed	CRMs
<input type="checkbox"/>	Limited insights hindering effective planning	Leadership

PI – Principal Investigator

CRC – Clinical Research Coordinator

CRM – Clinical Research Manager













RADtrials - CANCER - Startup



Actions ▾



		Name ▲	Sharing
<input type="checkbox"/>		 archive	Workspace
<input type="checkbox"/>		 dashboards	Workspace
<input type="checkbox"/>		 reports	Workspace
<input type="checkbox"/>		 studies	Workspace
<input type="checkbox"/>		 templates	Workspace

RADtrials Structure



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Smartsheet interface showing a task list for 'Study A' with columns for Task Name, Status, Health, Assigned To, and Respons. The interface includes a 'Sheet Summary' sidebar on the right and a navigation sidebar on the left.

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



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

Associate Director of Clinical Trials
and Translational Research
Radiology Department

Email: anotte@stanford.edu

Work Phone: (650) 736-4183

Work Address: 453 Quarry Rd
Stanford, CA 94304



Cancer Studies

Brittney Williams, BS

Cancer Clinical Research Manager -
Radiology, Cancer Clinical Trials
Office - Radiology Department

Email: bw718@stanford.edu

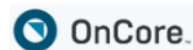
Work Phone: (650) 736-3688

Work Address: 800 Welch Rd
Stanford, CA 94304

Resources

NIH U.S. National Library of Medicine

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



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smartsheet

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

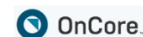
Task Status

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		●	CRG CRM			Pending	
Submit PSOS and priority score to CCTO intake	3.1		●	CRG CRM			Pending	

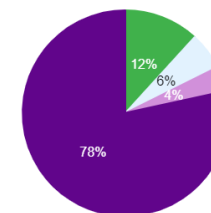
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Task Count



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

Clinical Research Manager

Brittney Williams, BS

RADtrials Outcomes



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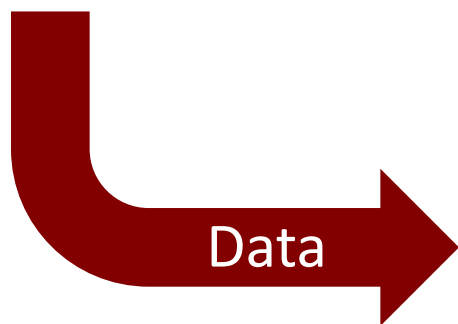
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Workflow rolled out

- 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

