CAMRIS Update

December 7, 2022

Perelman School of Medicine
University of Pennsylvania

Center for Advanced Magnetic Resonance Imaging and Spectroscopy

Agenda

(Re-)Introduction of key CAMRIS personnel
How we communicate
Billing, scheduling, and future rates
Protocol submission and review
Update on "Techdev" volunteers
Update on Flywheel
Q&A

Co-Directors:	John Detre, Ronald Wolf, Dylan Tisdall
Associate Director:	Margaret Ryan
Research Technologists:	Allison Costa, Jacqui Meeks, Pat O'Donnell, Victoria Siu, Allison Urbaniak
Physicists:	Karthik Prabhakaran, Mark Elliott
Director, Research Operations:	Kathleen Thomas
Director, Core Facilities:	Norman Butler
Director, Fiscal Operations:	William D'Arcy
Business Manager:	Michael McCandless

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Quarterly Technical Users Meetings

Semi-Annual Town Hall

Margaret Ryan {

Inbound:

scanner scheduling
billing issues
failure reports
training requests
implant clearance

techs & physicists {

Inbound:

scanner scheduling
billing issues
failure reports
training requests
implant clearance

Level 1: link on CAMRIS website {

Inbound:

scanner scheduling
billing issues
failure reports
training requests
implant clearance

Inbound:

scanner scheduling
billing issues
failure reports

Level 2: working on it { training requests

implant clearance

HUP CRC Orientation: techs {

Inbound:

scanner scheduling
billing issues
failure reports
training requests
implant clearance

Norman, John, and Ronald {

Inbound:

scanner scheduling
billing issues
failure reports
training requests
implant clearance

Inbound:

scanner scheduling
billing issues
failure reports
training requests
implant clearance

Outbound:

equipment status
scheduled maintance
tech availability
available services

http://camris.statuspage.io

Inbound:

scanner scheduling
billing issues
failure reports
training requests
implant clearance

Outbound:

equipment status
scheduled maintance
tech availability
available services

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Log in

CAMRIS Help Center / CAMRIS Devices, Implants, and Safety

CAMRIS Devices, Implants, and Safety

Welcome! You can raise a request for CAMRIS using the options provided.

What can we help you with?

Implant Approval
Request approval for an implant or device

Please attempt to fill in as many fields on this form as possible. The more information you can provide, the more quickly we can provide a response.

Email confirmation to *

Summary *

Provide a brief description of the implant (e.g., "Surgical screws")

IRB Protocol Number

Study Subject ID

Privacy - Terms

Starting Spring 2023

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FY 2023

Jul 2022 - Jun 2023

Government-sponsored	$750/hr
Industry Sub/Gift/CHOP	$950/hr
Outside Non-Sub	$1219/hr
Cancel < 48h	$100

+3% per year

Please don't book
space-savers

Current calendar software will be in place until at least 2024

Next solution will likely be iLab

Opportunity to reevaluate how we schedule

Will start collecting granular data on scanner usage (Spring 2023)

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Protocol Submissions	Technical Review	Full Reviews	CAMRIS Meeting
at least	at least	at least	Month
2 weeks	1 week	3 days	1st Mon

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Monolithic "Techdev" Protocol

Pulse Sequence Development

Hardware Development

Protocol Research

Protocol Testing

Study Qualification

Per-Lab Protocols

Pulse Sequence Development

Hardware Development

Protocol Research

Central Protocol

Protocol Testing

Study Qualification

Late 2023

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Flywheel

Collection

Reap or DICOM transfer

Auto De-ID (+ Deface)

Storage

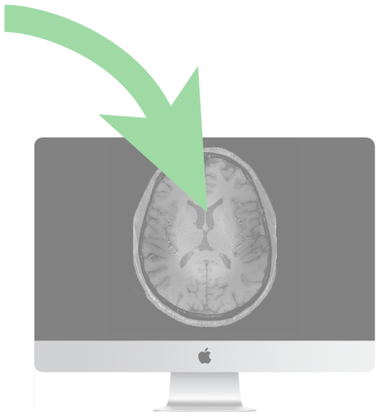
<90 days: Free

>90 days:
Project + GCP fees

Long-term archive

Becomming CAMRIS default

Retrieval



Web interface/viewer

Python API

Open sharing platform

Processing

"Gears" (containers)

GCP Compute fees

Well-defined per-run costs

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