CAMRIS Update

December 7, 2022
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  2023 Jan

Semi-Annual Town Hall  2023 May
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
Level 2: working on it

Inbound:
scanner scheduling
billing issues
failure reports
training requests
implant clearance
HUP CRC Orientation: techs

**Inbound:**
- scanner scheduling
- billing issues
- failure reports
- training requests
- implant clearance
Inbound:
scanner scheduling
billing issues
failure reports
training requests

Norman, John, and Ronald { implant clearance
Inbound:
scanner scheduling
billing issues
failure reports
training requests
implant clearance

Outbound:
equipment status
scheduled maintenance
tech availability
available services
http://camris.statuspage.io
Inbound:
scanner scheduling
billing issues
failure reports
training requests
implant clearance

Outbound:
equipment status
scheduled maintenance
tech availability
available services
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**

Starting Spring 2023
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# FY 2023

**Jul 2022 - Jun 2023**

<table>
<thead>
<tr>
<th>Description</th>
<th>Hourly Rate</th>
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<tbody>
<tr>
<td>Government-sponsored</td>
<td>$750/hr</td>
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<tr>
<td>Industry Sub/Gift/CHOP</td>
<td>$950/hr</td>
</tr>
<tr>
<td>Outside Non-Sub</td>
<td>$1219/hr</td>
</tr>
<tr>
<td>Cancel &lt; 48h</td>
<td>$100</td>
</tr>
</tbody>
</table>

+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

at least 2 weeks

Technical Review

at least 1 week

Full Reviews

at least 3 days

CAMRIS Meeting

Month 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
  - Becoming 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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