

Workflow for Imaging Protocol Review

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CCIR/HIU

The Center for Clinical Imaging Research (CCIR) is the Human Imaging Unit of our CTSA.

A complete imaging facility, owned by the university, located within Barnes-Jewish Hospital (BJH).

BJH



Imaging services are a joint function of the hospital (technical) and university (professional)



Protocol Review Workflow: 2 distinct models

CCIR/ University

RN review

- Technical overview
- Clinical/patient related issues
- Budget generated for PI

Technologist review

- Detailed technical review, build on scanner, run phantoms

Additional consultations

- Physicist, MD, Facilities/Billing administrators

BJH/ Hospital

Fiscal review

Modality specific

- Supervisor (workflow issues)
- Lead tech (builds protocol)

Additional consultations (rare)

- Physicist, MD

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Questions raised at each level

CCIR/ University

RN review

- Do we have the hardware?
- Will images be reviewed by a radiologist? In what format are results communicated?

Technologist review

- Can it be installed/built?
- Safety issues (ie VNS)

Additional consultations

BJH/ Hospital

Fiscal review

- Will the hospital make money on this?

Modality specific

- Does the protocol take too long?

Additional consultations

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Questions omitted

How much \$\$ is lost?

- Scanner time
- Effort by staff and MR

Is this appropriate patient care?

Scientific validity

- Role of RDRC, IRB

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