

Title of project: _____

Radiation Physics Service

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Ionising Radiation (Medical Exposures) Regulations 2000 (IRMER)

Medical Research Exposures

Introduction to IRMER and Research

The Ionising Radiation (Medical Exposure) Regulations 2000 ("IRMER") require the following with regard to medical research involving the exposure of patients to radiation.

- they must be approved by the LREC
- individuals must be volunteers, and informed in advance about the risks of exposure
- where there is no medical benefit to the individual being exposed (i.e. healthy volunteer), the Trust must set DOSE CONSTRAINTS, which may not be exceeded
- where there is some benefit to the patient, INDIVIDUAL TARGET LEVELS OF DOSE must be set, to ensure that the benefits outweigh the detriment, and excessive doses are avoided. These levels can be exceeded in exceptional circumstances where this is to the patients benefit.

This form should be completed, and the steps taken to comply with the above points accepted by the LREC before medical research exposures begin.

Title of projects

General
Have pregnant individuals been excluded? YES / NO
Have children (under 18) been excluded? YES / NO
Does the individual receive a medical benefit from the X-ray? YES / NO
Any other relevant points?

Medical Exposures

Title of project: _____

Radiographic procedures	Target level of dose or Dose constraint
	<i>(Usually completed by RPA)</i>

Risk for this dose
<i>(Usually completed by RPA)</i>

Level of risk (as categorised ICRP 61 <i>Radiological Protection in Biomedical Research</i>)
<i>(Usually completed by RPA)</i>

Title of project: _____

Declarations

Radiation Protection Adviser:

I am satisfied that the above target level of dose and risk estimate is appropriate for this study.

Name: John Saunderson

Signature: _____

Date: _____

Principal Investigator/Research Co-ordinator:

I will ensure that the risk is communicated in an appropriate fashion to the volunteers as a condition of the project and a legal requirement of IRMER2000.

Name: _____

Signature: _____

Date: _____

IRMER Practitioner justifying the exposure:

I am satisfied that these exposures are justified.

Name: _____

Signature: _____

Date: _____

John Saunderson
Radiation Protection Adviser
31/07/03

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