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INSTRUMENT STANDARD OPERATING PROCEDURE MANUAL

College of Medicine



SAFETY AND LABORATORY COOMMITTEE, C.O.M, K.F.U.

Prepared by

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Document History

Document Section	Details of Amendments	Date	Modified by (Initials)
SOP	First Draft on SOP for the operation of In Vivo Imaging system The IVIS® Lumina II pre-clinical imaging system	8-12-2020	Lolwa Al helal Nourah Alshebli

1. OBJECTIVE

The document describes the operation of In Vivo Imaging system

The IVIS® Lumina II

Pre-clinical imaging system

2. SCOPE

- ☐ Photographing the tumors while they are alive

3. RESPONSIBILITIES

- ☐ It is the responsibility of designated personnel in the lab to train staff and students on this procedure and to ensure adherence to this procedure under supervision.
- ☐ It is the responsibility of designated personnel (staff or Student) to follow the instructions of this procedure under supervision.

4. REFERENCES

- ☐ In Vivo Imaging system The IVIS® Lumina II pre-clinical imaging system
Perkin elmer CaliperManual

5. DEFINITIONS

- ☐ Anesthesia unit
- ☐ Imaging device
- ☐ Software

6. SAFETY PRECAUTIONS

- ☐ Dealing with animals
- ☐ Materials give fluorescent

7. PROCEDURE FOR OPERATING In Vivo Imaging system

The IVIS® Lumina II

pre-clinical imaging system

7.1. Turning on the instrument:

- ☐ The animal is placed in the box
- ☐ Anesthetize the animal using Isoflurane
- ☐ Set the time and press the play button
- ☐ Adjust settings Software
- ☐ The animal is placed in the imaging unit

7.2. Software Operation.

7.3. Steps of the Procedure

- ☐ The animal is placed in the box
- ☐ Anesthetize the animal using Isoflurane
- ☐ Set the time and press the play button
- ☐ Adjust settings Software
- ☐ The animal is placed in the imaging unit

7.4. Turning off the Instrument

- ☐ Shut down Software
- ☐ Press the shutdown button
- ☐

7.5. Warning

Dealing with animals

Materials give fluorescent.



Safety and Lab

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