

IBRS BACHELOR OF MEDICAL RADIATION SCIENCE

CLINICAL PRACTICE

STUDENT LUXEL POLICY

Personal Radiation Monitors (Luxel)

- All personnel working with or in the near proximity of ionising radiation in the areas of Diagnostic, Therapeutic, or Nuclear Medicine are required to wear a personal radiation monitor and submit it for assessment as required.
- For students working with ionising radiation, LUXEL type monitors will be provided. A LUXEL monitor consists of a "Holder" and a "LUXEL monitor" badge. The LUXEL badge will be changed approximately every 3 months, and the previous one will be sent for reading.
- LUXEL monitors will be issued to students on a loan basis initially at no cost to the individual. However, it should be noted that replacement may be at the student's expense if lost or damaged.
- Individual radiation dose readings will be taken from the LUXEL monitors, and the results will be issued by the supplier to UniSA Allied Health and Human Performance. Immediate notification will be given to anyone with excessively high readings after the LUXEL monitors have been checked.
- UniSA Allied Health and Human Performance Unit maintains a record of student dose (accumulative) measured from LUXEL monitors, and regular reports are provided by the supplier. However, these reports cannot be distributed universally due to confidentiality reasons.
- At the end of the program, a record of all radiation doses will be forwarded to graduates using their UniSA email address.
- The Student LUXEL Policy is in conjunction with the Clinical Placement Student Uniform Policy.

Student Responsibilities

- Once students receive a LUXEL Monitor, it becomes their responsibility to ensure its proper use and care.
- Students must ensure that their LUXEL:
  - Remains in the possession of the student for the duration of their program of study.
  - Is exchanged when requested by the unit.
  - Is worn at all times when working with radiation, including clinical and on-campus work.
- Under the Radiation Protection and Control Act of 1982, staff supervising students have the authority to deny entry to a radiation work area if a student is not wearing their LUXEL Monitor.
- LUXEL Monitors must be worn between the shoulders and waist, with the wearer's name facing outward.

- Students who lose or damage their LUXEL Monitor may be responsible for covering the replacement costs. Any loss or damage should be reported immediately to the UniSA Allied Health and Human Performance Unit Office.
- When wearing lead rubber protective aprons, the LUXEL monitor must remain attached to the clothing and covered by the apron.
- During air travel, it is important to keep the LUXEL with you and exclude it from X-ray security inspection if possible. DO NOT PUT YOUR LUXEL IN CHECKED BAGGAGE.
- Students should never allow anyone else to wear their LUXEL or wear a monitoring device that belongs to someone else.
- Students must be vigilant in using their LUXEL properly and should never leave it in places where it may be tampered with or accidentally or intentionally exposed to radiation.
- Students should avoid exposing their LUXEL to sunlight or placing it near any electrical equipment such as microwave ovens, etc.
- In the event of a known accidental overexposure, the LUXEL must be exchanged for a new one as soon as possible. The undergraduate medical radiation Program Director and the Radiation Safety Officer must be notified of the date and location of the overexposure at the time of exchange. There will be no charge for the replacement LUXEL.

#### Luxel Monitor Change Procedures

- LUXELs are exchanged every three months. Each quarterly badge is identified by a different colour, indicating a specific wear period.

Blue	1 January to 31 March
Green	1 April to 30 June
Yellow	1 July to 30 September
Red	1 October to 31 December

- When a LUXEL change is scheduled, students are required to return the current LUXEL to the UniSA Allied Health and Human Performance Unit Office, located at C8-53. The unit administration staff will then exchange the existing monitor for a new badge.
- Students must return their LUXEL within 5 days of the email notification date. Failure to do so will result in a delay in returning the LUXEL to the laboratories and may impact the wearer's radiation exposure records.
- For students attending country or interstate clinical placements during the LUXEL change-over period, it is necessary to contact the staff at the UniSA Allied Health and Human Performance Unit Office to make arrangements for LUXEL exchange. This is to ensure that students have the current LUXEL for the duration of their clinical placement.
- The individual student names are printed on the LUXELS, and students must verify that they have been given the correct badge by checking the name on it.
- Students who fail to return their LUXELS may be charged a lost badge fee of \$35 and may be placed in bad financial standing (BFS) until the payment has been made. Please note that this charge is subject to change at any time.
- Student must return their LUXEL to the UniSA Allied Health and Human Performance Unit Office when:
  - On Leave of Absence
  - Withdrawing from the program
  - Completed the program and eligible for graduation
- Failure to do so may result in incurring a lost badge fee of \$35. Please note that this charge is subject to change at any time.