

UNIVERSITY OF SOUTH AUSTRALIA

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 ionizing radiation in the areas of Diagnostic, Therapeutic or Nuclear Medicine are required to wear a personal radiation monitor and submit same for assessment as required.
- LUXEL type monitors will be worn by all students when working with ionizing radiation. A LUXEL monitor consists of a "Holder" and a "LUXEL monitor" badge. The "LUXEL" will be changed at approximately 3 monthly intervals, the previous one being sent for reading.
- LUXELS will be issued to all students on a loan basis, initially at no cost to the individual. (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, and results are issued by the supplier to UniSA Allied Health and Human Performance. Anyone with excessively high readings will be notified immediately once the LUXELS have been checked.
- UniSA Allied Health and Human Performance Unit maintains a record of student dose (accumulative) measured from LUXELS and reports are provided by the supplier on a regular basis. Reports cannot be distributed universally due to confidentiality reasons. Students may request to view their individual reports by submitting a request at UniSA Allied Health and Human Performance Unit Office.
- After the final readings are compiled, 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

- At the commencement of the program all students will be issued with a LUXEL Monitor, which then becomes the responsibility of the student to whom it has been issued.
- Students must ensure that their LUXEL:
 - is in their possession 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, 1982, staff supervising students have the right to refuse entry to a radiation work area if a student is not wearing their LUXEL Monitor.
- LUXEL Monitors must be **worn at waist level**, with the wearer's name facing outward.
- Students who lose or damage their LUXEL monitor may be required to pay replacement costs. Any loss or damage must be notified to the UniSA Allied Health and Human Performance Unit Office immediately.

- ✓ When wearing lead rubber protective aprons the LUXEL monitor must remain attached to the clothing and covered by the apron.
- ✓ When traveling by air, keep the LUXEL with you. Exclude it from X-ray security inspection if possible. **DO NOT PUT YOUR LUXEL IN CHECKED BAGGAGE.**
- ✓ Students should never allow any other person to wear their LUXEL, or wear a monitoring device which belongs to someone else.
- ✓ Students must be vigilant in the proper use of their LUXEL and never leave it in places where it may be tampered with or be accidentally or intentionally exposed to radiation.
- ✓ Students must not leave their LUXEL exposed to the sun or near any electrical equipment such as microwave ovens etc.
- ✓ In the case of known accidental over exposure a LUXEL must be exchanged for a new one as soon as possible following the over exposure. The undergraduate medical radiation Program Director and the Radiation Protection Officer, must be notified of the date and location of the over exposure at the time of exchange. No charge will be made for the replacement luxel.

LUXEL Monitor Change Procedures

- ✓ LUXELS are exchanged at 3 monthly intervals.
Each quarterly badge is identified by the 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

Students must return their LUXEL to the UniSA Allied Health and Human Performance Unit Office within 5 days of the email notification date.

Failure to do so will delay the return of the LUXEL to the laboratories and may affect the wearer's radiation exposure records.

- ✓ When a LUXEL change is due, students are required to return the existing LUXEL to the UniSA Allied Health and Human Performance Unit Office C8-53 where unit administration staff will exchange the existing monitor for the new badge.
 - ✓ The individual student names are printed on the LUXELS. Students must check the name on the badge to ensure that they have been given the correct badge. Only first names are to be displayed on the LUXEL. Last names may be marked over with a black pen.
- ✓ 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 payment has been made. This charge is subject to change at any time.
- ✓ Students must return their LUXEL to the UniSA Allied Health and Human Performance Unit Office when:
 - ✓ on Leave of Absence
 - ✓ withdrawing from the Bachelor of Medical Radiation Science program
 - ✓ completed the program and eligible for Graduation

Failure to do so may incur a lost badge fee of \$35. This charge is subject to change at any time. Students attending country or interstate clinical at the time of change-over will need to contact the UniSA Allied Health and Human Performance Unit Office staff to make LUXEL exchange arrangements to ensure they have the current LUXEL until the end of their clinical placement.