

UNIVERSITY OF OTAGO
ŌTĀKOU WHAKAIHU WAKA

JOB DESCRIPTION

ROLE TITLE:	Medical Radiation Technologist (Full or Part-time)
DEPARTMENT:	Radiography Unit, Clinical Services
SCHOOL / DIVISION:	Faculty of Dentistry, Health Sciences
REPORTS TO:	Charge Medical Radiation Technologist
DIRECT REPORTS (FTE):	Nil
INDIRECT REPORTS (FTE):	Nil

1. PRIMARY PURPOSE OF THE ROLE:

- To be part of a team providing complete and efficient radiographic dentomaxillofacial x-ray imaging services to all Clinics within the Faculty of Dentistry, Dunedin Hospital on request, and to private dental practitioners.
- To educate and supervise undergraduate and postgraduate students in dentomaxillofacial digital radiographic imaging techniques in accordance with legislative requirements.
- To assist academic staff, postgraduate students and research fellows who may wish to use radiographic techniques as part of their research.

2. ACCOUNTABILITIES:

- To provide a full **dentomaxillofacial** radiographic service to clinics within the Faculty of Dentistry and for private dental practitioners.
- To educate and supervise undergraduate and postgraduate students in dental radiographic techniques and **digital x-ray scanning processes**. To ensure that patient service and teaching duties comply with relevant legislation and best practice.
- To undertake leadership responsibilities for the radiography unit when the Charge Medical Radiation Technologist is absent.
- To undertake, innovate and modify specialized radiographic imaging equipment, to achieve specific and optimal x-ray images appropriate to specific patient's needs, in a highly professional manner.
- To provide advice to clinicians, students and other users on the appropriateness of various radiographic techniques so that patient management is optimised and risk mitigation strategies applied and ensuring ongoing quality control of radiographic imaging.
- Provide teaching modules and appropriate instruction and supervision of students during participation in radiographic use, examinations, and digital x-ray scanning processes.
- Ensure the implementation of infection control protocols for dental radiography techniques including digital x-ray scanning processes within the Faculty of Dentistry.
- Provide service to ancillary radiographic units throughout the Faculty of Dentistry.
- Assist the Charge Medical Radiation Technologist in the administrative processes of the Radiography unit.

3. KEY RELATIONSHIPS:

Internal:

- Patients.
- Clinicians.
- Students.
- University staff.
- Course co-ordinators and all departments within the Faculty of Dentistry and those external within the University.

External:

- Private dental service practitioners.
- New Zealand Office of Radiation Safety.
- Professional bodies – NZIMRT and MRTB.
- External suppliers.

4. QUALIFICATIONS & EXPERIENCE:

Essential:

- Bachelor of Health Science Medical Imaging or equivalent that satisfies the requirements of the New Zealand Medical Radiation Technologists Board and hold a current practising certificate.
- Significant experience in radiation imaging compliance in a similar complex organisation.
- To have comprehensive knowledge and experience with dentomaxillofacial imaging equipment and techniques.
- Ability to instruct, educate and supervise students to an appropriate level.
- Excellent communication skills with students and patients. Use of language at the level of a lay person to explain procedures to patients in a way they can understand the details of radiographic procedures and deal with any concerns regarding radiation exposure that they may have.
- Current knowledge of relevant legislation and guidelines, for example but not limited to, Health Information Privacy Code 2020, Health Practitioners Competence Assurance Act 2003.
- Understands the Treaty of Waitangi and its relevance of health of Maori in New Zealand Applies the Treaty of Waitangi to nursing practice.
- Excellent communication skills with students and patients. Be able to explain to patients in a way they understand the details of radiographic procedures and deal with any concerns regarding radiation exposure that they may have.
- To remain professionally and technically competent in accordance with the Health Practitioners Competency Assurance Act.

Preferred:

- Experience in working with dentomaxillofacial x-ray imaging techniques.

5. TECHNICAL SKILLS & KNOWLEDGE:

Essential:

- Fully conversant with Office of Radiation Safety, Code of Practice for Dental Radiology.
- Ability to work across a wide range of individuals with varying health and cultural needs.
- Demonstrated ability to develop and maintain effective networks and key relationships.
- To have the skills and knowledge to carry out complete dental and orofacial x-ray examinations with minimal distress, discomfort and radiation dosage to the patient and extensive experience working with dentomaxillofacial imaging equipment.

- To remain professionally and technically competent in accordance with the Health Practitioners Competency Assurance Act and meet professional body CPD requirements.

Preferred:

- Experience and knowledge in Dentomaxillofacial imaging.

6. SPECIAL REQUIREMENTS:

None

7. DIRECT BUDGET ACCOUNTABILITY:

Not applicable.

8. MĀORI STRATEGIC FRAMEWORK:

Act in a manner consistent with the principles and implications, as well as the University's commitment to the Treaty as articulated in the Māori Strategic Framework.

9. PACIFIC STRATEGIC FRAMEWORK:

Act in a manner consistent with the strategies and goals contained in the University's Pacific Strategic Framework, role-modelling and promoting Pacific values, equity and diversity principles and cultural safety practices.

10. HEALTH & SAFETY:

Act and work in a manner compliant with current health and safety at work legislation and University procedures, frameworks, and guidelines. Role model safe behaviour and practices, share the responsibility to prevent harm and contribute to a safe campus and work environment, including raising workplace health and safety concerns for self, students, visitors, and other staff.

11. SUSTAINABILITY:

Act in a manner consistent with the University's sustainability commitments; role-modelling sustainable practices, with a particular emphasis on minimising the environmental impact of day-to-day activities.