

Chapter 1

Role of the Limited X-ray Machine Operator

Learning Objectives

- Compare the role of the limited x-ray machine operator (LXMO) with that of the registered radiologic technologist
- Identify the discoverer of x-rays and the date of discovery

Learning Objectives

- Explain the primary purposes of the American Registry of Radiologic Technologists, American Society of Radiologic Technologists, and Joint Review Committee on Education in Radiologic Technology

Learning Objectives

- Determine the legal requirements for the practice of radiography in your state
- Describe the typical work environment of the limited x-ray machine operator
- Describe in a general way the duties of a limited x-ray machine operator

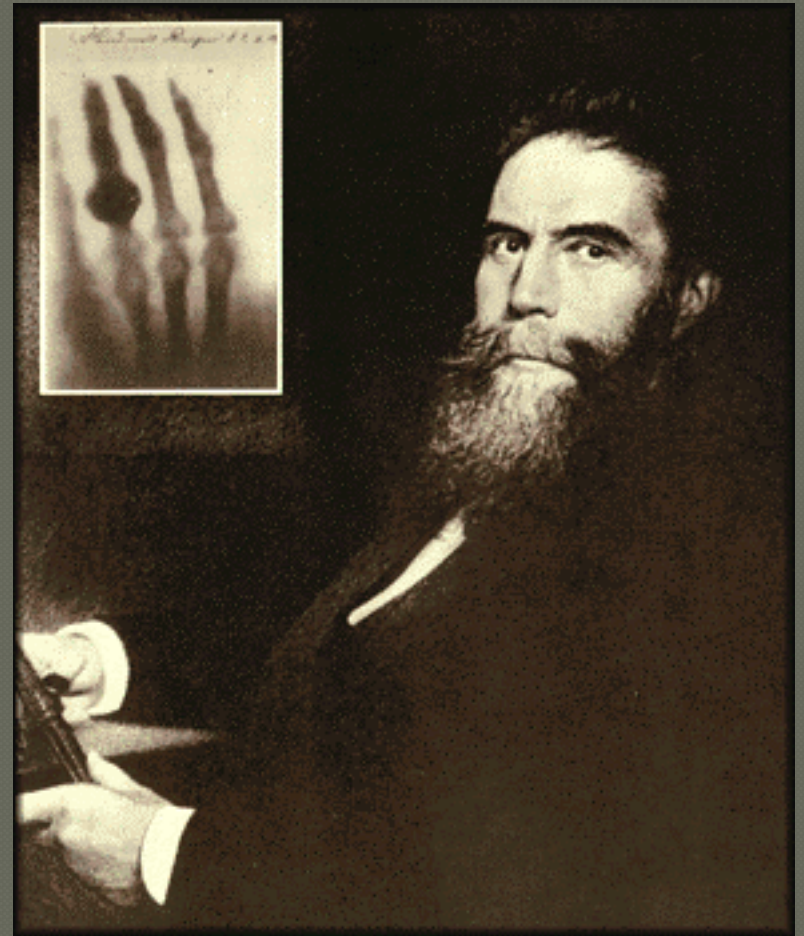
About Limited Radiography

- Scope of practice varies from state to state
- Responsibilities may include medical assisting as well as radiography
- Employment opportunities in clinics, physician offices, and hospitals



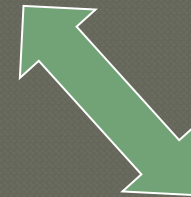
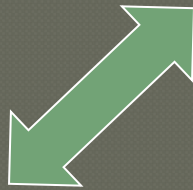
Important Dates in the History of Radiography

- November 8, 1895:
X-rays are discovered by
Wilhelm Conrad Roentgen
- 1920: The American Society
of Radiologic Technologists
is founded
- 1922: The American
Registry of Radiologic
Technologists is formed
- Discovery of X-rays



Agencies and Organizations

ASRT
Professional Organization



ARRT
Credentialing Agency



JRCERT
Accrediting Agency

Professional Credentialing

- Regulation of limited x-ray machine operators varies from state to state
- The Department of Health in each state regulates limited operators
- Most states have some sort of certification for x-ray operators. Some have reciprocity.
 - Reciprocity means that the education and credential issued in one state is approved in another state

Working as a Limited Machine Operator

Environment

- Often work directly for a physician
- Responsibilities may include front and back office duties



Duties

- Patient reception
- Medical records, insurance, and billing
- Assisting with patient examinations and treatments
- Performing radiographic procedures

Radiologic Technologist

Summary

- Limited X-ray Machine Operators may perform medical assisting duties in addition to radiographic procedures
- Know your state requirements for the practice of radiography
- Only perform duties that are within your scope of practice