

# Discovering the Inside Story:

INNOVATIONS IN MEDICAL IMAGING AND RADIATION THERAPY

This National Radiologic Technology Week®, travel back in time and relive the history of the radiologic technology profession and the American Society of Radiologic Technologists through ASRT Museum and Archives exhibits.



Wilhelm Conrad Roentgen



**1895** ..... German physicist Wilhelm Conrad Roentgen discovers the x-ray and within a year it is hailed as a medical miracle.

**1896** ..... First clinical use of x-rays by physicians.

**1903** ..... First use of radiation to treat cancer.

**1904** ..... Thomas Edison's assistant C.M. Dally dies of radiation exposure; called "a martyr to science."

**1913** ..... Known for his many contributions to x-ray technology, William Coolidge invents the heated cathode x-ray tube, enabling external beam radiotherapy.

**1914** ..... Marie Curie designs vehicles to carry x-ray equipment to the battlefield in World War I.

**1920** ..... American Association of Radiological Technicians established; known today as the American Society of Radiologic Technologists.

**1927** ..... Thirty-seven percent of all radiologic technologists are nuns.

**1941** ..... The U.S. military trains thousands of servicemen as radiographers to provide care for wounded soldiers overseas during World War II.

**1950s** ..... Radiographers take chest x-rays using mobile x-ray units to screen for tuberculosis.

**1964** ..... Radiation therapy becomes a specialized field.

**1971** ..... First CT scan.

**1977** ..... Drs. Raymond V. Damadian, Lawrence Minkoff and Michael Goldsmith's MRI scanner makes the first-ever MR image.

**1983** ..... ASRT opens new national office in Albuquerque, New Mexico.

**1992** ..... Congress enacts the Mammography Quality Standards Act ensuring all women have access to quality mammography.

**2011** ..... First clinical 3-D mammography exam performed in the U.S.

**2015** ..... ASRT Museum and Archives opens.

