

**John Gofman**

**Abstract**

**“Radiation from Medical Procedures in the Pathogenesis of Cancer and Ischemic Heart Disease: Dose-Response Studies with Physicians per 100,000 Population. Executive Summary of the full monograph (1999).”**

The evidence uncovered in this monograph supports the hypothesis that medical radiation (primarily exposure to x-rays, including CT scans and fluoroscopy) is a highly important cause (probably the principal cause) of cancer mortality in the USA during the 20th Century. The evidence also supports a second hypothesis, namely that medical radiation, received even at very low and moderate doses, is an important cause of death from ischemic heart disease (coronary artery disease); the probable mechanism is radiation-induction of mutations in the coronary arteries, resulting in dysfunctional clones (mini-tumors) of smooth muscle cells.

Address: <http://www.ratical.org/radiation/CNR/RMP/execsumm.html>

Note: The Executive Summary includes a series of separate links to the monograph's Chapters 2, 3, 4, 5, plus Reference List, and Index-Glossary.