

**Welcome to the
7th Annual Beebe Symposium:**

**Radiation as a Cause of
Cardiovascular Disease**

Roy Shore

**Radiation Effects Research Foundation
Hiroshima/Nagasaki, Japan**

Questions of Interest Regarding Radiation and Circulatory Disease

- Long-term effects of radiotherapy doses to the heart and circulatory system – non-uniform irradiation, clinical and subclinical effects?
- Mechanisms of disease – Are mechanisms comparable at high and lower doses? What possible mechanisms need more investigation?
- How certain are we about effects at lower doses? How low? Shape of dose-response curve?

More Questions of Interest Regarding Radiation and Circulatory Disease

- Modifiers of risk – gender, age at exposure, other cardiovascular risk factors, genetic susceptibility factors?
- Biochemical/Pharmacologic amelioration of risk?
- Public health implications regarding: radiotherapy, interventional radiology, CT, occupational exposures?

