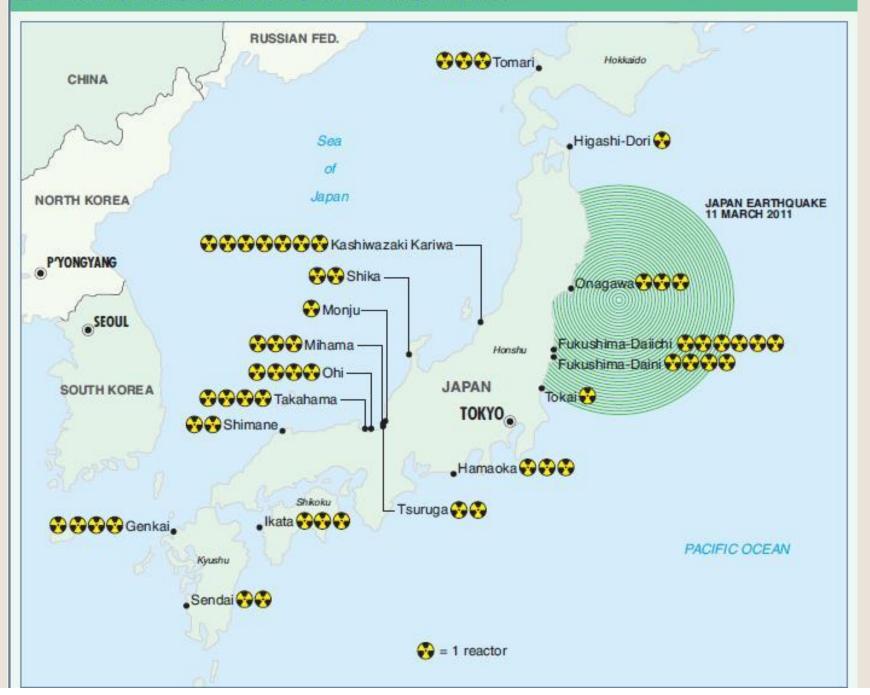
# Radiation and Recovery in Tohoku

## **SPUR Presentation**

Craig Van Dyke, M.D. University of California, San Francisco November 10, 2011



#### JAPANESE NUCLEAR POWER FACILITIES:



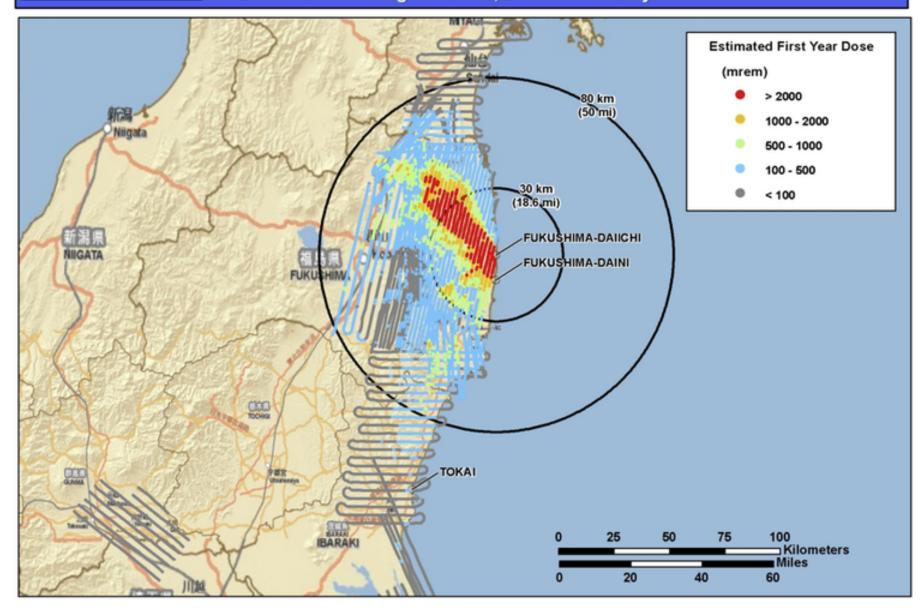






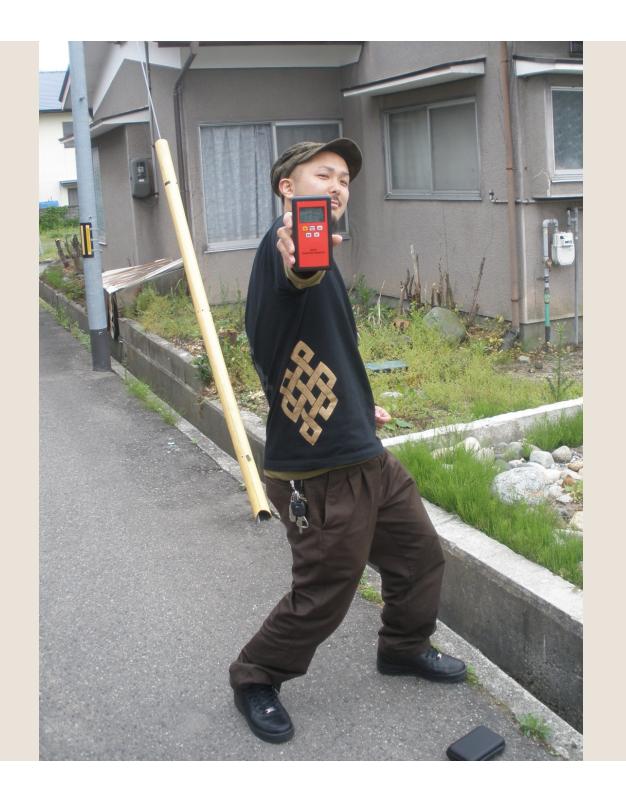
## First-Year Dose Estimate Dose Commencing March 16, 2011 for 365 Days

#### FUKUSHIMA DAIICHI JAPAN



## **Post Meltdown Issues**

- 1. Government minimized severity
- 2. Who is in charge?
- 3. Delayed evacuation
- 4. Evacuated into contaminated areas
- 5. Potassium iodide not distributed
- 6. Food safety
- 7. Mapping of radiation
- 8. Clean up plan

















### **Radiation Concerns**

- Unimaginable power weapons of mass destruction
- Foreign, unnatural, confusing
- Invisible, undetectable uncertainty about safety
- Contaminated if exposed:
  - Ticking time bomb
  - Self-concept as damaged goods
  - Stigmatization Hibakusha (explosion affected people)

## **Reaction to Tohoku Residents**

- Reluctance to re-supply
- Cars vandalized
- Refusal to rent hotel rooms
- Relocated children bullied
- Hiroshima and Nagasaki citizens' supportive response

# **Understanding Stigma**

- 1. Blaming the victim
- 2. Zero-sum perspective
- 3. High social capital
- 4. "Tight" versus "loose" societies

