

### Step 1. Define the Problem

#### Outline

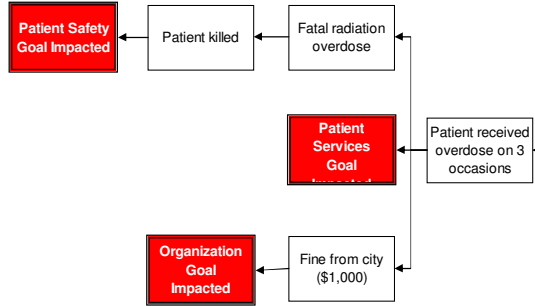
<b>What</b>	Problem(s)	Fatal radiation overdose
<b>When</b>	Date	14-Mar-05
	Time	Over 3 days
	Different, unusual, unique	Computer error
<b>Where</b>	State, city	Manhattan (NY, NY)
	Facility, site	St. Vincent's Hospital
	Unit, area, equipment	Intensity Modulated Radiation Therapy (IMRT)
	Task being performed	Treatment for tongue cancer

#### Impact to the Goals

<b>Patient Safety</b>	Patient killed
<b>Employee Impact</b>	Unable to properly program equipment
<b>Compliance</b>	?
<b>Organization</b>	Fine from city (\$1000)
<b>Patient Services</b>	Patient received overdose on 3 occasions

### Step 2. Cause Map

#### Detail Level



### Fatal Radiation Overdose from Cancer Treatment March 14, 2005

#### Process Map High Level - Intensity Modulated Radiation Therapy

