

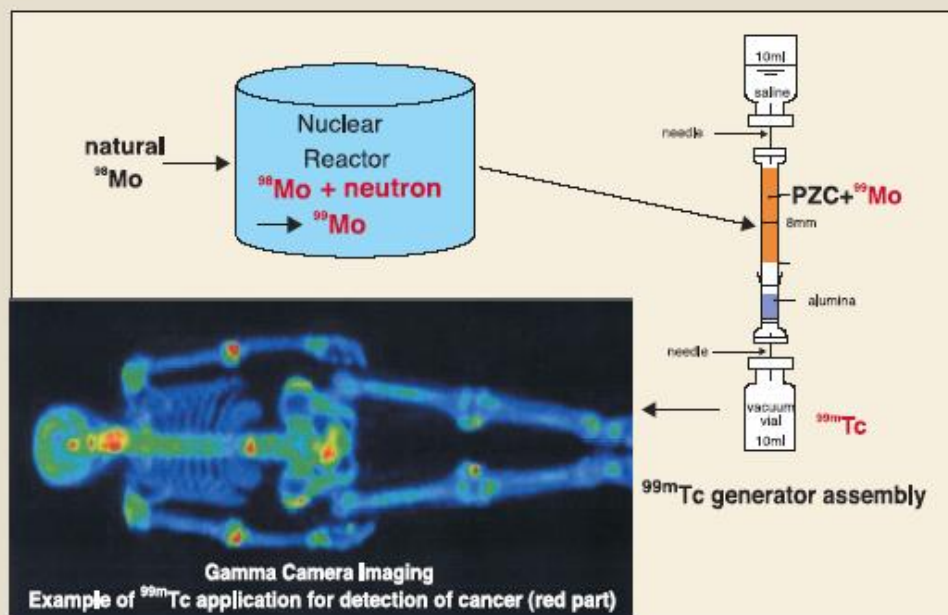
Research Reactor Utilization

Tc-99m Generator Production

- Achievement of High Quality and Low Cost ^{99m}Tc Generator from Natural Molybdenum (Mo) using Poly-Zirconium Chloride (PZC) Adsorbent

The cost of new ^{99m}Tc generator is estimated to be 1/4 of current generator

Production Process of New Type ^{99m}Tc Generator



Semi-Automatic Remote Control Machine of ^{99}Mo Adsorption to PZC



Installed in BATAN, Indonesia
in December 2003

One Cycle Operation Corresponds
to about 80 Patients