## DESIGN OF THE FIRST UNIT OF PET-CT IN MOROCCO -BUILDING REQUIRMENT and SAFETY EQUIPMENT-ªR. Cherkaoui el moursli, <sup>b</sup>A. El kharrim, <sup>c</sup>K. Talsmat, ªY. Toufique, <sup>d</sup>Verra. Pirlet

a) Mohammed V Agdal University, Faculty of Science, Morocco b) National Center of Scientific and Technical Research, Morocco, (c) Center for Energy, Sciences and Nuclear Techniques, Morocco, (d) Federal Agency for Nuclear Control, Belgium.



Careful planning with the equipment vendor, facility architect, and a qualified medical physicist is necessary to produce a cost effective design while

maintaining radiation safety standards.