AbstractID: 9831 Title: Brachytherapy: General clinical applications

Brachytherapy has had a long history and formed the original intensity-modulated, three-dimensionally conformal radiotherapy. This presentation discusses some of the clinical applications of brachytherapy with an emphasis on the physical aspects of treatments. The presentation will focus particular attention on treatments with rapidly evolving procedures, particularly brachytherapy applications in breast, prostate, uterine cervix and liver. The discussion will consider how the physical nature of brachytherapy enhances and limits the treatments.

Educational Objectives:

1. Consider the physical aspects of brachytherapy.
2. Understand the physical limitations in clinical applications of brachytherapy.
3. Know some of the emerging developments in the physical aspects of clinical applications in brachytherapy.