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Incidence of medical physic in prevention of radiological accidents with patients

In radiotherapy and nuclear medicine processes, medical physic have a preponderant participation in the correct administration of prescript doses to a patient, so that if they differ more than a predetermined value to the prescription, become in radiological accident or a mistreatment.
In this paper is exposed a quantitative and qualitative analysis, based on Risk Matrix Method, particularly for external radiotherapy with cobalt radioactive source and nuclear medicine including metabolic therapy with radioactive iodine ^{131}I, and on the functions assigned in Regulatory Safety Guides for both practices to the medical physic in Cuba of the incidence of this professional in prevention and escalation of this sort of accident, playing a roll of barrier and of their frequency and consequences reductor.
As results, it is shown the relevance and need of safety approach, that must prevail for this professional as much in his education as in its daily work and in the education and control of the other personnel in these services as well.

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