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ABSTRACTS
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PAPER TITLE Dosimetrical certification apparatus for brachytherapy as the means of overirradiation protection.

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ABSTRACT

The main reason of overirradiation in brachytherapy is an incorrect dose definition in support point on the distance of 20 mm from the source centre. Small geometry change source situation, inexactitude its activity definition can lead to considerable errors because of great dose change near by the source.

Removal these mistakes can be reached by the perfect means of certification. For this purpose the special device is suggested. It allows to define support point dose with the mistake no more than +5% and answers dosimetry and radiobiology requirements.