

An excerpt taken from:

Evaluation of a Water-proof, Homogeneous Farmer-Type Ion Chamber for Orthovoltage and High Energy X-Rays and Electron Beams

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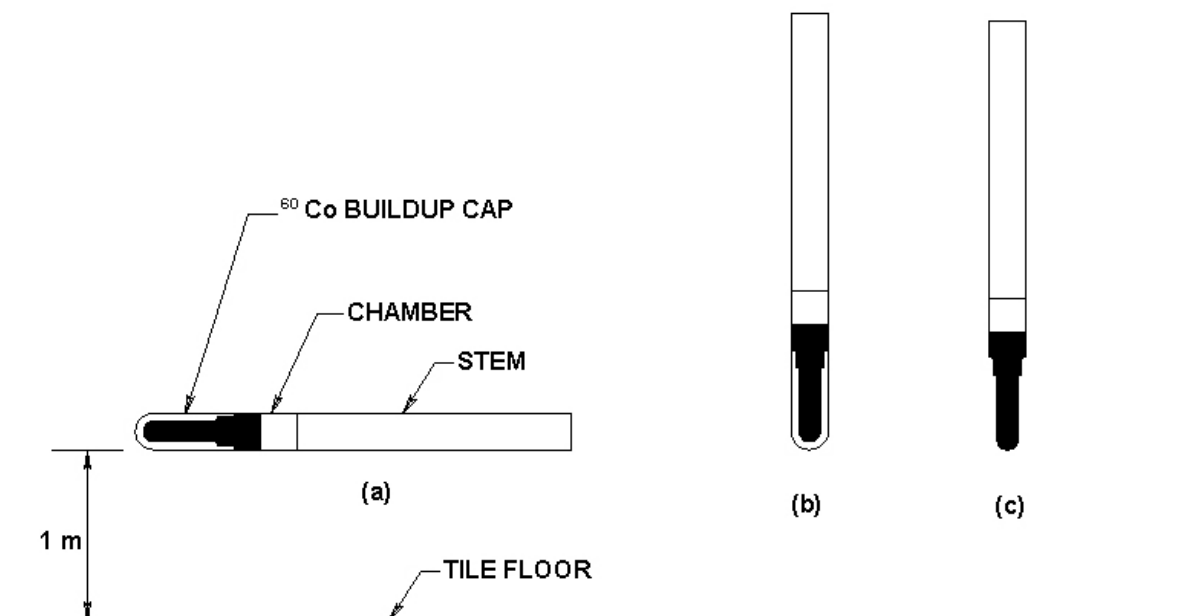
Presented at AAPM Annual Meeting, July 1996, as poster PO-F-05

Summary:

The **EXRADIN** A12 Farmer-Type Ion Chamber was dropped one-meter to a hard tile floor in three orientations: (a) parallel to the floor, (b) perpendicular to the floor with the ^{60}Co buildup cap on, and (c) perpendicular to the floor without the buildup cap.

The following table shows the ratio of the calibration factors after each drop.

Time of Calibration	Ratio to Original Calibration
Original (3/29/96)	1.000
Repeat (7/16/96)	1.004
After First Drop	1.000
After Second Drop	1.001
After Third Drop	1.001



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(Figure was modified to depict the chamber profile correctly)