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INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(PROF. (DR) UNNAT P. PANDIT)
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(57) Abstract :
The present invention provides an intravaginal slab phantom with air-pockets. The primary objective of our patent is to introduce an endometrial cancer phantom that accurately simulates ca endometrium patients with the presence of air pockets. The phantom aims to provide a valuable tool for a range of applications, including training, treatment planning, dosimetric analysis, research, quality assurance, procedural simulations, and evaluation of imaging techniques related to endometrial cancer. For this purpose, a PMMA (Poly Methyl Methacrylate) vaginal phantom is manufactured simulating the treatment position of ca endometrial patient with central vaginal applicator. Air cavities of different volume are introduced around the central vaginal applicator at different locations to simulate the treatment condition of intra vaginal patient.

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