

This study describes our experience with beam model validation of a Monaco treatment planning system on a Versa HD linear accelerator. Data were collected such that Monaco beam models could be generated using three algorithms: collapsed cone (CC) and photon Monte Carlo (MC) for photon beams, and electron Monte Carlo (eMC) for electron ...

The Monaco treatment planning system combines Monte Carlo dose calculation accuracy with robust optimization tools to provide high-quality radiotherapy treatment plans for three-dimensional ...

Cu o capacitate de generare semnificativ?, acest sistem este proiectat pentru a satisface nevoile energetice ale industriei ?i comunit??ilor. Panourile fotovoltaice avansate ?i tehnologia de vârf fac din acest sistem alegerea perfect? pentru a ...

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Monaco has been designed to meet the key treatment planning challenges of modern radiation oncology clinics. As radiation therapy treatments become faster and more complex, with increasingly higher doses, shorter fractionation schemes and smaller target margins, treatment planning systems are required to be more accurate, increasingly ...

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Monte Carlo algorithm, Treatment Planning System, Dose Accuracy, VMAT®, IMRT. Abstract. The objective of this study is to evaluate the dosimetric precision of the Monte Carlo (MC) ...

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Validation of Monaco Treatment Planning System for Intensity-Modulated Radiation Therapy (IMRT) and Volumetric Modulated Arc Therapy (VMAT®) on ELEKTA InfinityTM Linear Accelerator Saad ZOUIRI^{1*}, Meriem TANTAOU^{2**}, Mounir EL HASSANI^{1,3}, Abdenbi EL MOUTAOUKKIL^{1,3}, Abdellatif ENNAKRI³, Souha SAHRAOUI⁵, Abdellatif BENIDER⁵ and ...

Caban Systems, Inc. ("Caban"), a pioneer in the design and manufacture of software-enabled

energy storage solutions for the telecommunications industry, today announced the immediate availability of its ...

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