Negative correlation of patient-specific quality assurance failure rates with Monitor Units for Volumetric-Modulated Arc Therapy

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Purpose: Failure rates of patient-specific Quality Assurance tests in intensity modulated external beam radiation therapy are known to be correlated with both the degree of modulation and Monitor Units (MU). Our goal is to examine if this remains true for Volumetric-Modulated Arc Therapy (VMAT). Methods: We have analyzed the pass rates for 118 VMAT patient-plans for...

Intraventricular ganglioglioma with unusual location and morphology-A case report

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Ganglioglioma is one of the common tumour responsible for refractory temporal lobe epilepsy in children and young adults. Positioned in the group glioneural tumours, it is mostly of low grade histology. Here we outline a rare case of intraventricular ganglioglioma at atypical location with atypical morphology, lacking its most classical symptom of epilepsy. ...