



Contribution ID: 129

Type: **Parallel Talk**

## **Recommendations for commissioning IMRT and VMAT into Pinnacle TPS**

Methods and results for commissioning and verification of the VMAT delivery chain at NPL are presented. The VMAT parameters for the combination of Pinnacle v9.8 with with Elekta's Mosaiq® v1.6 record and verify system and Synergy and Versa HD linacs are discussed. Commissioning verification and gamma analysis results for three established IMRT QA deliveries are presented and compared, based on the use of different 2D/3D dosimetry systems.

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**Session Classification:** Parallel Session - MP

**Track Classification:** Medical Physics