An Elekta Versa HD linac with two high-dose-rate flattening-filter-free (FFF) and two flattened photon modes was commissioned for use with the following treatment planning systems: Elekta Monaco v5.11, Brainlab Plan RTDose v6.5, Brainlab Elements v1.6. The models were validated and a comprehensive quality assurance process was established according to the recommendations of the American Association of Physicists in Medicine Practice Guidelines 5.a., 8.a and 9.a. For the Brainlab Multiple Mets application, the model was used to determine dose in each target during patient-specific quality assurance. For each plan, the Nakamura Conformity Index (CI) (inverse Paddick Index), Dose Gradient Index (Gd), target size (cc), and maximum dose (cGy) were reported by the software and recorded.


**CONCLUSIONS**

Treatment of BMs with Brainlab’s Multiple Mets Application paired with an Elekta Versa-HD equipped with an Agility MLC provides a robust, efficient and cost-effective solution for a busy community practice.