ESTRO Physics Workshop: Standardization Initiative for Plan Complexity in Radiotherapy

I recently had the opportunity to attend the *ESTRO Physics Workshop*, focusing on the track ***Standardization initiative for plan complexity in radiotherapy: From Metrics to Clinical Practice***. The two-day event addressed critical aspects of standardizing and improving plan complexity in radiotherapy.

The workshop covered four main topics:

1. ***Standardization and sharing of tools for computing plan complexity metrics*****:** the importance of standardizing and sharing tools for calculating plan complexity metrics.
2. ***Plan Complexity in Treatment Planning*****:** the impact of plan complexity in treatment planning processes.
3. ***Plan Complexity and Patient-Specific Quality Assurance (PSQA)*****:** integrating complexity metrics into quality assurance procedures for patient-specific plans.
4. ***Multicentric comparisons and implementation of Complexity Metrics in TPSs and QA platforms*****:** the challenges and benefits of incorporating these metrics into treatment planning systems (TPS) and quality assurance (QA) platforms across different centers.

During the workshop, I actively participated in discussions and gained valuable insights into the latest developments in the field. I also had the chance to meet and connect with renowned experts in radiotherapy plan complexity. These connections have opened up opportunities for potential collaborations in future projects. The event was very well organized, making it a highly valuable experience that is truly worth attending.

I am sincerely grateful for the support provided by the Pianoforte Mobility Grant, which has allowed young researchers like myself to advance our careers by participating in such international events. This experience has been invaluable in furthering my understanding of radiotherapy plan complexity and its practical applications.

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