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# **ACTIVITY REPORT: attendance of American Association of Physicists in Medicine annual meeting in Los Angeles, USA 20-27.June.2024**

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As a PIANOFORTE travel grant recipient, I had the great opportunity to attend the 66th annual meeting of the American Association of Physicists in Medicine (AAPM) held June 20-27, 2024, in Los Angeles, USA. This is the most prominent annual conference in the field of medical physics, with over 4,500 attendees from more than 180 countries. A wide range of both fundamental and cutting-edge topics, covering the three main branches of medical physics, were discussed, including the use of artificial intelligence, ultra-high dose radiation therapy, adaptive radiation therapy, and many others.

During the meeting, I presented a poster titled "Local Analysis and Establishment of Head CT Typical Doses Based on Clinical Indications." The establishment of typical diagnostic doses and national diagnostic reference levels is of utmost importance for patient safety in diagnostic radiology in Bulgaria. Presenting and discussing my work at the meeting deepened and expanded my knowledge on the subject.

In conclusion, I am deeply thankful for having the opportunity to attend this meeting with the help of a PIANOFORTE travel grant. Not only did I present my work, but I also had the opportunity to network with medical physicists and medical equipment vendors from around the world.