AI Subcommittee

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Co-Chairs:

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Charges:

- Establish a PTCOG AI vision/roadmap:
    - AI is becoming increasingly important to radiotherapy. The sub-committee will develop a vision/roadmap with milestones for the most crucial AI tools relevant to "future-proof" particle therapy.
- Provide Best-Practice Guidelines:
    - Review existing recommendations for using AI in radiotherapy (e.g. recent ESTRO-AAPM guideline for AI in radiotherapy). Identify points in need for further refinement specific to particle therapy (e.g., accuracy requirement of contouring tools, QA of AI).
- Build a knowledge and data hub:
    - Create a centralized code and data hub, with, at least, links/references to existing AI software and particle therapy data collections, and, at best, an accessible data base of particle therapy data collections.
- Foster collaboration:
    - Bring together the state-of-the-art tools, data, experts
    - Build momentum for large scale grant-applications

- Promote Education:
    - Establish AI mentoring/workshops/learning material specific to AI in particle therapy for (re-)education