

Submission Topic: How to set up a successful multidisciplinary team and practice in a cancer care?

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Objective of your solution: (Briefly define the primary outcome of your solution to this challenge):

A highly efficient, patient-centered multidisciplinary team (MDT) supported by a digital platform, leading to improved cancer care coordination, streamlined decision-making, and enhanced patient outcomes.

Describe your solution / proposal: Provide a detailed account of your solution/ proposal to this challenge. You could type your solution/ proposal here. (Disclaimer: Solution/proposal should not exceed more than 300 words.):

1. Establishing a thriving oncology MDT necessitates a patient-centric, digitally-driven approach. The ideal team comprises medical oncologists, surgical oncologists, radiation oncologists, pathologists, radiologists, nurses, genetic counselors, allied health professionals such as dietitians, psychologists, palliative care experts, social workers, and – crucially – a dedicated patient navigator.
2. This navigator ensures patient voices are central, translating medical jargon and facilitating informed consent.
3. Decisions are made via a structured, shared decision-making model, where patient preferences and values are explicitly documented alongside clinical evidence, utilizing tools like preference elicitation software to ensure transparency.
4. Virtual MDT hubs: Connect rural centers with tertiary hospitals via telehealth to democratize expertise. Patient avatars: Use generative AI to simulate patient values in discussions when direct input isn't feasible.
5. Standardized workflows leverage a secure, cloud-based platform. Pre-meeting, patient data – imaging, pathology reports, genetic results – are automatically uploaded, streamlining discussions.
6. Meetings utilize a standardized agenda and templates, facilitating efficient case reviews. Post-meeting, personalized care plans are automatically generated and shared with the patient and relevant care providers, tracked via the platform for continuous monitoring and timely interventions.
7. Regular MDT evaluations incorporating patient feedback ensure continuous quality improvement. Bi-annual reviews: Assess survival outcomes, patient satisfaction, and guideline adherence, with adjustments based on data. This digital ecosystem, underpinned by patient-centered communication, fosters collaboration, improves efficiency, and optimizes patient care.