Oncologist Reflects on Football's Lessons for Clinical Practice

Written by The Life Science Feed Editorial Team · Published 19 June 2026 · Edited by Mara Voss

The commencement of the World Cup prompts reflection on the parallels between high-stakes competitive sports and the rigorous demands of clinical oncology. For many clinicians, external passions offer unique perspectives that can be integrated into professional practice, enhancing strategic thinking and team dynamics in patient management.

KEY TAKEAWAYS

- The Pivot: An oncologist draws analogies between football's strategic elements and the complexities of cancer treatment.
- The Data: No specific numerical data is presented, as the content focuses on qualitative reflections.
- The Action: Clinicians may benefit from identifying external interests that foster skills applicable to medical practice, such as teamwork, resilience, and strategic planning.

The global spectacle of the World Cup, a quadrennial event, provides a platform for examining the broader implications of structured competition and teamwork. For a clinical oncologist, the 'beautiful game' offers more than mere entertainment; it presents a framework for understanding complex systems, strategic decision-making, and the critical role of collaboration in achieving objectives. The oncologist's perspective highlights how disciplines outside medicine can inform and enrich professional practice, particularly in fields demanding sustained effort and coordinated action.

The analogy between football and oncology centres on several key principles. Firstly, the concept of a 'team' is paramount. In football, success hinges on the coordinated efforts of individual players, each with a defined role, working towards a common goal. Similarly, cancer care is inherently multidisciplinary, involving surgeons, radiation oncologists, medical oncologists, pathologists, radiologists, nurses, and allied health professionals. Effective communication and seamless integration of these specialists are essential for optimal patient outcomes. A disjointed team, regardless of individual brilliance, often fails to achieve its potential, a lesson directly transferable from the pitch to the clinic.

Secondly, strategic planning and adaptability are critical in both domains. A football manager devises a game plan based on the opponent's strengths and weaknesses, adjusting tactics in real-time as the match unfolds. In oncology, treatment protocols are established based on tumour type, stage, patient comorbidities, and molecular markers. However, just as a football match rarely proceeds exactly as planned, a patient's response to therapy can be unpredictable. Clinicians must be prepared to adapt treatment strategies, manage adverse events, and consider alternative approaches when initial plans prove ineffective. This requires a dynamic, evidence-based approach, much like a manager making substitutions or altering formations mid-game.

Thirdly, resilience and perseverance are fundamental. Football matches can involve setbacks, missed opportunities, and

moments of intense pressure. Teams that recover from conceding a goal or missing a penalty often demonstrate mental fortitude. In oncology, patients and clinicians alike face significant challenges, including difficult prognoses, treatment toxicities, and the emotional toll of the disease. The ability to maintain focus, learn from setbacks, and continue striving for the best possible outcome, even in adverse circumstances, is a shared attribute. The oncologist's reflection underscores the importance of supporting both patients and healthcare professionals in navigating these demanding journeys.

Finally, the pursuit of excellence and continuous improvement is a constant theme. Football teams constantly analyse their performance, identify areas for improvement, and refine their skills. In medicine, this translates to lifelong learning, engagement with new research, participation in clinical trials, and critical self-assessment of practice. The drive to provide the most effective, compassionate care is analogous to a team's ambition to win championships, requiring dedication to mastery and an openness to evolving methodologies. The oncologist's personal connection to football serves as a reminder that passion, when channelled effectively, can enhance professional dedication and foster a holistic approach to complex challenges.

The clinical context for these parallels is broad, encompassing the diverse patient populations encountered in oncology. From early-stage cancers with curative intent to advanced metastatic disease requiring palliative approaches, the complexity of patient management varies significantly. For instance, managing a patient with a newly diagnosed, localized breast cancer involves a different set of strategic considerations and team coordination compared to a patient with refractory pancreatic cancer. The former might prioritize surgical resection followed by adjuvant therapy, while the latter focuses on symptom control and quality of life. Each scenario demands a tailored "game plan" and a highly coordinated team response, emphasizing the need for adaptability based on specific patient characteristics and disease biology.

Furthermore, the mechanisms of action for various cancer therapies often necessitate precise timing and integration, akin to a football team executing a complex play. For example, the sequential administration of chemotherapy, radiation therapy, and immunotherapy requires careful scheduling to maximize efficacy and minimize toxicity. Understanding how these different modalities interact at a cellular level, whether through direct cytotoxic effects, immune modulation, or inhibition of specific molecular pathways, informs the overall treatment strategy. A misstep in timing or dosage can compromise the entire therapeutic sequence, much like a misplaced pass can disrupt an offensive drive. The oncologist must consider not only the individual components of treatment but also their synergistic potential and potential for adverse interactions.

Limitations of this analogy exist. While football offers a useful framework for conceptualizing teamwork and strategy, the stakes in clinical oncology are inherently higher, involving human life and well-being. The emotional burden on clinicians and patients in oncology far surpasses the pressures of a sporting event. Moreover, the unpredictable nature of biological systems often presents challenges that cannot be fully anticipated or controlled, unlike the more defined parameters of a football match. Despite these differences, the core principles of collaboration, strategic thinking, resilience, and continuous improvement remain universally applicable and valuable in navigating the complexities of cancer care.

CLINICAL IMPLICATIONS

The oncologist's perspective, drawing parallels between football and clinical practice, offers a useful qualitative insight into the non-technical skills that underpin effective patient care. While devoid of specific clinical trial

data, the emphasis on teamwork, strategic adaptability, and resilience resonates deeply within the medical community. For clinicians, this highlights the value of cultivating interests outside of medicine that can inadvertently sharpen professional acumen. The ability to manage complex, dynamic situations, whether on a football pitch or in a multidisciplinary tumour board, relies on similar cognitive and interpersonal skills.

From an industry standpoint, the analogy underscores the importance of fostering collaborative environments. Pharmaceutical companies developing novel therapies, for instance, must engage with diverse stakeholders, from basic scientists to regulatory bodies and clinicians, to ensure successful translation to patient benefit. A fragmented approach, much like a disorganised football team, will inevitably lead to inefficiencies and suboptimal outcomes. Investment in interdisciplinary training and communication platforms could yield dividends by improving the integration of new treatments into existing care pathways.

For patients, the message is one of reassurance regarding the comprehensive nature of modern oncology. The idea that their care team operates with the strategic foresight and coordinated effort of a high-performing sports team can instil confidence. While no analogy is perfect, the underlying principles of dedicated effort, continuous learning, and collective responsibility are fundamental to delivering high-quality, patient-centred care. This reflection, therefore, serves as a reminder that the human element, informed by diverse experiences, remains central to medical excellence.

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REFERENCES

1. 1. Pillay B, et al. The impact of multidisciplinary team meetings on patient assessment, management and outcomes in oncology settings: A systematic review of the literature. Cancer Treat Rev. 2016;42:56-72. doi:10.1016/j.ctrv.2015.11.007
2. 2. Prabhu Das I, et al. Outcomes of multidisciplinary treatment planning in US cancer care settings. Cancer. 2018;124(18):3656-3667. doi:10.1002/cncr.31394
3. 3. Selby P, et al. The Value and Future Developments of Multidisciplinary Team Cancer Care. Am Soc Clin Oncol Educ Book. 2019;39:332-340. doi:10.1200/EDBK_236857
4. 4. Srivastava A, et al. Impact of Multidisciplinary Team Care on Patient-Reported Outcomes in Patients with Lung Cancer: A Systematic Review. Curr Oncol. 2025;32(12). doi:10.3390/curroncol32120697
5. 5. He C. Multidisciplinary Team Meetings: Barriers to Implementation in Cancer Care. Oncology (Williston Park). 2024;38(9):339-344. doi:10.46883/2024.25921026
6. 6. Zachou G, et al. Implementation of Quality Improvement Interventions in Medical Oncology: A Systematic Review. JCO Oncol Pract. 2026;22(6):939-950. doi:10.1200/OP-25-00289

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