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EDITED AND REVIEWED BY Yun Dai, Peking University, China

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RECEIVED 04 November 2023

ACCEPTED 06 November 2023 PUBLISHED 16 November 2023

CITATION

Kasi PM (2023) Editorial: Case reports in gastrointestinal cancers : 2022. *Front. Oncol.* 13:1333174. doi: 10.3389/fonc.2023.1333174

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Editorial: Case reports in gastrointestinal cancers : 2022

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KEYWORDS

precision oncology, precision medicine, N-of-1 clinical trials, case reports, editorial, CtDNA, exceptional responders, N-of-1 analysis

Editorial on the Research Topic Case reports in gastrointestinal cancers : 2022

With the focus of journals and conferences on clinical trials and large registries, the value of unique individual cases cannot be underestimated. These individual case stories that tell compelling presentations and outcomes can be helpful.

The opportunity to oversee these submissions to the Research Topic within gastrointestinal cancers was of interest to me since it brings to focus a diverse array of case reports. Often, these are what the National Cancer Institute (NCI) calls the "exceptional responders" (1). It brings to light these patients with unique cancers and exceptional clinical outcomes. Figure 1 illustrates how each patient from diverse backgrounds and different cancers with their treatment journey typifies an individual story, and it needs to be viewed as such.

If we look at the spectrum of these individual reports, some are deep, brisk, durable, and sometimes curative outcomes to different kinds of novel therapies. Some are new or off-label usage of drugs for actionable markers in histologies or cancer types or settings for which they still are not approved by regulatory agencies or guidelines. Not all are about exceptional outcomes. Some of these reports highlight unexpected or not previously known side effects of drugs or point to mechanisms and/or ways to overcome and manage these issues. These can help inform the care of future patients. Not only that, from a practical standpoint, publications in peer-reviewed journals can help provide evidence supporting a strategy that biologically makes sense but needs clinical reports of similar stories. Insurance companies and guidelines committees seek more evidence before recommending or endorsing an approach for access to off-label therapies.

Advances are coming in subsets for patients with different types of cancers. We are also seeing agnostic approvals for markers like fusions that are rare events but very actionable. Real-world evidence and publications in this regard can be clinically meaningful. We have also found these helpful as initial proof-of-principle published evidence for investigatorinitiated trials that can change practice.

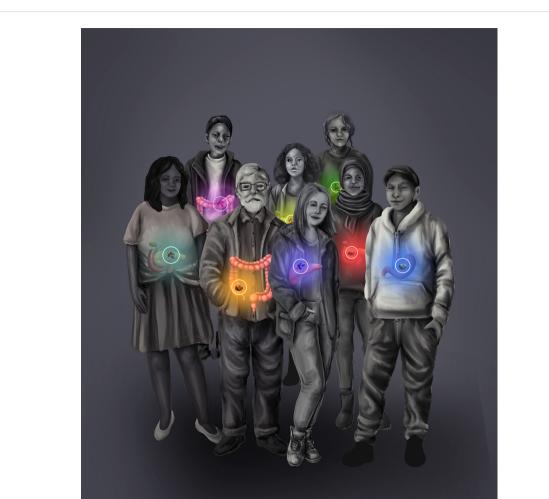


FIGURE 1

Illustration showing how each patient from diverse backgrounds and different cancers with their treatment journey typifies an individual story.

Lastly, from an academic standpoint, these are also opportunities for students, clinical investigators, and multidisciplinary teams to have a place or home to highlight their work. I want to laud that the journal was open to case reports and hope readers, scientists, patients, caregivers, advocacy groups, and physicians who would benefit from this endeavor. Future directions are changes in clinical trial designs proposing n-of-1 trials as an opportunity to help expedite drug development (2).

Author contributions

PK: Writing - original draft, Writing - review & editing.

Funding

The author(s) declare financial support was received for the research, authorship, and/or publication of this article. PI/ investigator discretionary funds were used to cover the cost of the illustration and publication.

Acknowledgments

Thanks to DrawImpacts for the beautiful work on the illustration accompanying this editorial.

Conflict of interest

The author declares that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

The author(s) declared that they were an editorial board member of Frontiers, at the time of submission. This had no impact on the peer review process and the final decision.

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