

# COVID-19 Pandemic: Impact on Colorectal Cancer Diagnosis and Treatment Initiation with Consistent Stage at Diagnosis

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## Introduction

The COVID-19 pandemic has had far-reaching effects on various aspects of healthcare systems worldwide. Among its many consequences, the pandemic has inadvertently influenced the diagnosis and treatment of different diseases, including cancer. In this article, we delve into the specific impact of the COVID-19 pandemic on colorectal cancer, focusing on the decrease in diagnosis rates and the apparent preservation of timely treatment initiation despite the challenging circumstances.

Colorectal cancer is a significant public health concern, with timely diagnosis being crucial for successful treatment outcomes. However, during the COVID-19 pandemic, several studies have reported a notable decline in the number of patients being diagnosed with colorectal cancer. Factors contributing to this decline include disrupted healthcare services, delayed screening programs, patient reluctance to seek medical attention, and the prioritization of COVID-19-related resources. The decrease in colorectal cancer diagnosis rates during the pandemic raises concerns about missed opportunities for early detection and intervention. Early detection is known to improve survival rates, and delayed diagnosis can result in more advanced disease stages at presentation, potentially affecting treatment options and patient outcomes [1].

## Description

While the pandemic has presented substantial challenges to healthcare systems worldwide, studies have surprisingly shown that the time to treatment initiation for colorectal cancer patients has not been significantly affected. Prompt initiation of treatment is critical for maximizing the chances of successful outcomes in cancer patients. Despite the disruptions caused by the COVID-19 pandemic, healthcare providers have managed to maintain their commitment to ensuring timely treatment initiation for individuals diagnosed with colorectal cancer. Healthcare systems have implemented innovative strategies and adaptations to continue providing timely treatment initiation, such as establishing separate pathways for COVID-19 and non-COVID-19 patients, implementing telemedicine solutions, and prioritizing urgent cancer cases. These measures have contributed to preserving the standard of care and minimizing delays in treatment for colorectal cancer patients during the pandemic [2].

The COVID-19 pandemic has had a significant impact on the diagnosis and treatment of colorectal cancer. The decrease in the number of diagnosed cases highlights the need to emphasize public health awareness and reestablish regular screening programs. However, it is encouraging to note that despite the challenges posed by the pandemic, healthcare systems have managed to maintain timely treatment initiation for colorectal cancer patients. As the world continues to navigate through the pandemic, it is essential to identify and address the barriers that have led to the decline in colorectal cancer diagnosis rates. Furthermore, efforts should be made to ensure that individuals are aware of

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Received: 29 March, 2023, Manuscript No. aso-23-101634; Editor assigned: 01 April, 2023, PreQC No. P-101634; Reviewed: 17 April, 2023, QC No. Q-101634; Revised: 22 April, 2023, Manuscript No. R-101634; Published: 29 April, 2023, DOI: 10.37421/2471-2671.2023.09.43

the importance of regular screenings and seek medical attention promptly for any concerning symptoms. By doing so, we can mitigate the potential long-term consequences of delayed diagnoses and improve outcomes for colorectal cancer patients in the post-pandemic era [3].

Colorectal cancer remains a significant global health concern, with early detection playing a pivotal role in improving patient outcomes. The COVID-19 pandemic has disrupted healthcare systems worldwide, raising concerns about its potential impact on colorectal cancer diagnosis and subsequent disease staging. This article aims to examine the stage of colorectal cancer at diagnosis and compare it between the pre-COVID and post-COVID periods, shedding light on any potential changes and implications for patient care. Amidst the challenges posed by the COVID-19 pandemic, studies have indicated that the stage of colorectal cancer at diagnosis has remained relatively consistent. Despite disruptions to routine screenings, delays in healthcare access, and increased patient anxieties, there has been no substantial shift towards advanced disease stages compared to the pre-pandemic era.

Persistence of Symptom Recognition: Patients have shown continued vigilance in recognizing symptoms associated with colorectal cancer, such as rectal bleeding, changes in bowel habits, and unexplained weight loss. This heightened awareness may have prompted individuals to seek medical attention promptly, leading to timely diagnoses. Diagnostic Adaptations: Healthcare systems have implemented innovative strategies to ensure that diagnostic services, such as colonoscopies and imaging studies, remain available even during the pandemic. Facilities have implemented stringent infection control measures and prioritized urgent cases to maintain the continuity of diagnostic procedures [4].

Physician Vigilance: Healthcare professionals have remained vigilant in recognizing and investigating potential cases of colorectal cancer. Despite the strain on healthcare resources caused by the pandemic, healthcare providers have continued to prioritize the timely evaluation and diagnosis of patients with suspicious symptoms. While the stage of colorectal cancer at diagnosis has not significantly changed during the COVID-19 pandemic, it is crucial to maintain ongoing efforts to raise public awareness and promote regular screenings. The decline in routine screenings during the pandemic may lead to missed opportunities for early detection, as asymptomatic individuals could remain undiagnosed until symptoms become apparent [5].

## Conclusion

Healthcare systems should prioritize resumption of regular screening programs, encourage individuals to attend appointments, and provide education on the importance of early detection. Public health campaigns should emphasize that despite the challenges posed by the pandemic, colorectal cancer remains a significant health concern requiring attention and proactive measures. The stage of colorectal cancer at diagnosis has remained similar between the pre-COVID and post-COVID periods, despite the disruptions caused by the pandemic. This consistency suggests that patients and healthcare systems have adapted to the challenges posed by COVID-19, ensuring that timely evaluations and diagnoses are maintained. However, it is crucial to remain vigilant, actively promote public awareness, and prioritize regular screenings to avoid potential long-term consequences. We can continue to enhance early detection rates, improve patient outcomes, and minimize the impact of the pandemic on colorectal cancer care.

## Acknowledgement

None.

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## Conflict of Interest

None.

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**How to cite this article:** Sato, Daisuke. "COVID-19 Pandemic: Impact on Colorectal Cancer Diagnosis and Treatment Initiation with Consistent Stage at Diagnosis." *Arch Surg Oncol* 9 (2023): 43.