

# COVID-19 mRNA Vaccination and Newly Diagnosed Microsatellite Stable and Unstable Non-Metastatic Colon Cancer

Pfizer Vaccination Conferred Sixfold Increased Risk

By [Dr. Peter McCullough](#)

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[Courageous Discourse](#)

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*I recently was asked about COVID-19 vaccination and colon cancer. Are they related? What is new in the literature?*

[Akkus et al](#) studied the impact of COVID-19 vaccination more than 3 months before newly diagnosed with a special kind of colon cancer. Microsatellite instability-high (MSI-H) colon cancer is **a type of colon cancer where tumor cells are highly unstable due to a high number of genetic mutations**. Instability occurs when mismatch repair (MMR) genes, which correct errors during cell division, stop functioning properly. As a result, errors accumulate and tumors become unstable. MSI-H colon cancer cells look and behave abnormally, making it easier for the immune system to recognize them as invaders and with proper immune surveillance, the tumor cells are effectively killed.

## Types and Rates of COVID-19 Vaccination in Patients With Newly Diagnosed Microsatellite Stable and Instable Non-Metastatic Colon Cancer

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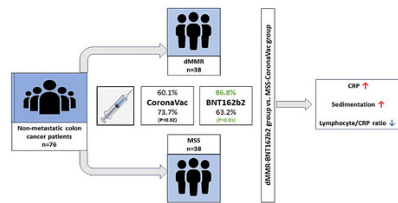
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**FIGURE 2: Association between COVID-19 vaccines and microsatellite instability status in non-metastatic colon cancer**

MSS, microsatellite stable; dMMR, deficient mismatch repair; CRP, C-reactive protein

The variables that were statistically significant in univariable analysis (BMI, tumor localization, and BNT162b2 vaccine) were included in the multivariable logistic regression analysis for MSI status (Table 3). The analysis revealed a significant model (chi-square=23.934, df=3, p=0.000). All variables were still statistically significant in multivariable analysis. The BNT162b2 vaccine was significantly associated with dMMR status (OR: 6.39, 95% CI: 1.55-26.26, p=0.01).

dMMR=deficient mismatch pair  
MSI immune=microsatellite instability (MSI) and strong immune activation-infiltration.

Variable*	OR (95% CI)	p-Value
BMI (<25 vs >25)	4.15 (1.18-14.65)	0.02
Localization (Right-sided vs left-sided)	5.07 (1.65-15.29)	0.00
BNT162b2 vaccine	6.39 (1.55-26.26)	0.01

**TABLE 3: Multivariable logistic regression analysis for MSI status\***

\*Significant model (chi-square=23.934, df=3, p=0.000), constant; Exp(B):0.06, p=0.00

+Variables that were statistically significant in univariable analysis were included.

### Conclusions

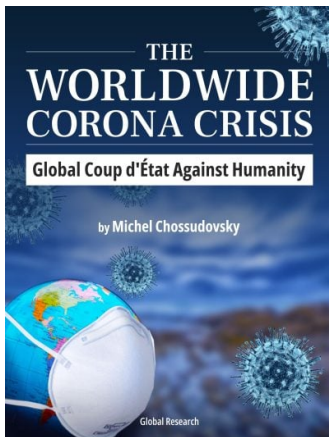
This case-control study shows that the mRNA-based COVID-19 vaccine rate is higher in patients with microsatellite instable (dMMR) non-metastatic colon cancer. Immune-inflammatory mechanism may have a role in this association, which may be derived from facilitating the diagnosis of already existing tumor by immune-inflammatory interaction. Long-term clinical and preclinical studies are needed to confirm the findings of this hypothesis-generating study.

Akkus E, Karaoglan B, Akyol C, Ünal AE, Kuzu MA, Savaş B, Utkan G. Types and Rates of COVID-19 Vaccination in Patients With Newly Diagnosed Microsatellite Stable and Instable Non-Metastatic Colon Cancer. Cureus. 2024 Jun 6;16(6):e61780. doi: 10.7759/cureus.61780. PMID: 38975417; PMCID: PMC11227084.

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**by Michel Chossudovsky**

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*“My objective as an author is to inform people worldwide and refute the official narrative which has been used as a justification to destabilize the economic and social fabric of entire countries, followed by the imposition of the “deadly” COVID-19 “vaccine”. This crisis affects humanity in its entirety: almost 8 billion people. We stand in solidarity with our fellow human beings and our children worldwide. Truth is a powerful instrument.”*

### **Reviews**

*This is an in-depth resource of great interest if it is the wider perspective you are motivated to understand a little better, the author is very knowledgeable about geopolitics and this comes out in the way Covid is contextualized. —**Dr. Mike Yeadon***

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*Professor Chossudovsky exposes the truth that “there is no causal relationship between the virus and economic variables.” In other words, it was not COVID-19 but, rather, the deliberate implementation of the illogical, scientifically baseless lockdowns that caused the shutdown of the global economy. —**David Skripac***

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*loving people everywhere will result in a dystopian future not yet imagined. Pass on this free gift from Professor Chossudovsky before it's too late. You will not find so much valuable information and analysis in one place. -Edward Curtin*

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