

# **“Ten-fold Increase in Cardiac Arrests among European Athletes since Rollout of COVID-19 Vaccines”. Arm Pain with COVID-19 Vaccination**

First Injection in Male Athletes Could be a Danger Signal

By [Dr. Peter McCullough](#)

Theme: [Science and Medicine](#)

Global Research, October 27, 2023

[Courageous Discourse](#)

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*I have been amazed at how many people have taken one or more of the COVID-19 vaccines are completely free of side effects. It has been conjectured that the uninspected vials of COVID-19 vaccines have differing quantities of mRNA because of lipid nanoparticle aggregation (clumping together within a batch).*

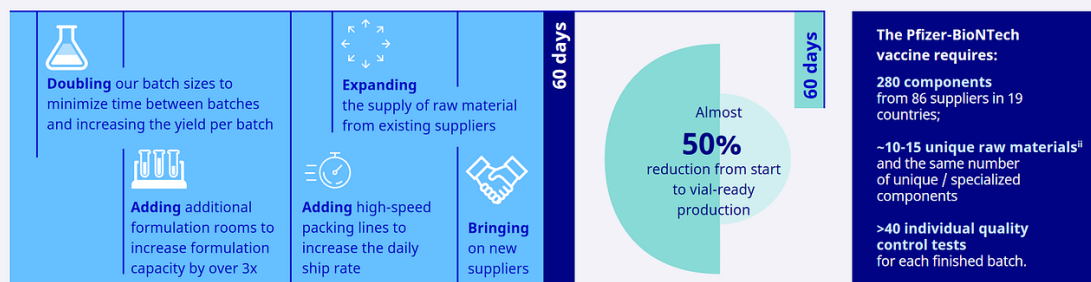
Pfizer claims they perform many quality checks of their product; however, neither Pfizer nor the FDA have published an inspection report for quality, purity, and quantification of mRNA in the multi-use vials. If there was little or no viable mRNA, then Spike protein would not be produced within the injection side (deltoid muscle) or other tissues and that would explain a lack of side effects in the arm and elsewhere in the body.

## Supporting Manufacturing, Trade and Equitable Global Access to COVID-19 Vaccines



**Fundamental to our access strategy is work to globally scale up manufacturing.**

From the outset, we have taken a **relentless focus on efficiency** to enable us to quickly scale up manufacturing. Reducing production timelines has been achieved by:



We are also **partnering to build up scale**. The Pfizer-BioNTech global COVID-19 vaccine supply chain and manufacturing network now spans **four continents** and includes more than **20 facilities**.

<sup>i</sup> <https://www.fda.gov/news/pharma-five-priorities-pfizer>  
<sup>ii</sup> Including plasmid DNA, nucleotides, capping agents, and lipids.  
 V9 May 2023

[Polykretis and McCullough](#) have reported nearly a 10-fold increase in cardiac arrests among European athletes since the rollout of mandatory COVID-19 vaccines. Could these cardiac arrests have been anticipated in some way from the very beginning? Komici et al studied 460 competitive and recreational athletes at the University of Molise in Italy undergoing COVID-19 vaccination. Arm pain was reported in 81.3% of the first and 24.9% of second dose recipients. The strongest predictor of arm pain was male gender.

HUMAN VACCINES & IMMUNOTHERAPEUTICS  
 2023, VOL. 19, NO. 2, 2234788  
<https://doi.org/10.1080/21645515.2023.2234788>



RESEARCH ARTICLE

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### Self-reported side effects following COVID-19 vaccination in athletes: A retrospective study

Klara Komici, Sofia Verderosa, Fabio D'Amico, and Germano Guerra

Department of Medicine and Health Sciences, University of Molise, Campobasso, Italy

HUMAN VACCINES & IMMUNOTHERAPEUTICS 3

**Table 2.** Side effects reported after the first- and second-dose vaccinations.

Population Characteristics	First Dose (n = 460)	Second Dose (n = 365)	p-value
Fever, n (%)	44 (9.6)	17 (4.6)	.007
Myalgia, n (%)	3 (0.65)	26 (7.1)	≤.001
Arm pain at the injection site, n (%)	374 (81.3)	91 (24.9)	≤.001
Headache, n (%)	12 (2.61)	7 (1.92)	.642
Fatigue, n (%)	22 (4.8)	23 (6.3)	.759
Other symptoms, n (%)	7 (1.52)	4 (1.1)	.789
Symptoms duration days, mean, SD (minimum-maximum)	0.98 ± 0.61 (0–7)	0.41 ± 0.73 (0–5)	≤.001

SD: Standard Deviation.

**Table 3.** Factors associated with arm pain.

Variables	First-Dose Vaccination			Second-Dose Vaccination		
	OR	95% CI	p-value	OR	95% CI	p-value
Age	1.006	0.987–1.026	.488	0.989	0.972–1.006	.212
Gender (male)	5.387	3.004–9.523	≤.001	1.888	1.089–3.275	.024
SARS-CoV-2 infection	0.162	0.079–0.331	≤.001	1.055	0.469–2.368	.897
Recreational sport vs competitive	0.517	0.220–1.371	.200	1.783	0.763–4.319	.199
BNT162b2 vs others	1.690	0.574–4.975	.341	1.158	0.589–2.274	.670

OR: Odds Ratio; CI: Confidence Interval.

Komici K, Verderosa S, D'Amico F, Guerra G. Self-reported side effects following COVID-19 vaccination in athletes: A retrospective study. *Hum Vaccin Immunother*. 2023 Aug 1;19(2):2234788. doi: 10.1080/21645515.2023.2234788. PMID: 37470390; PMCID: PMC10361131.

The results are similar to those of [Schmeling et al](#) who reported about 32.1% of doses result in no adverse effects whatsoever reported to Danish health authorities after vaccination.


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DOI: 10.1111/eci.13998

RESEARCH LETTER

WILEY

## Batch-dependent safety of the BNT162b2 mRNA COVID-19 vaccine

Max Schmeling<sup>1</sup> | Vibeke Manniche<sup>2</sup> | Peter Riis Hansen<sup>3</sup> 

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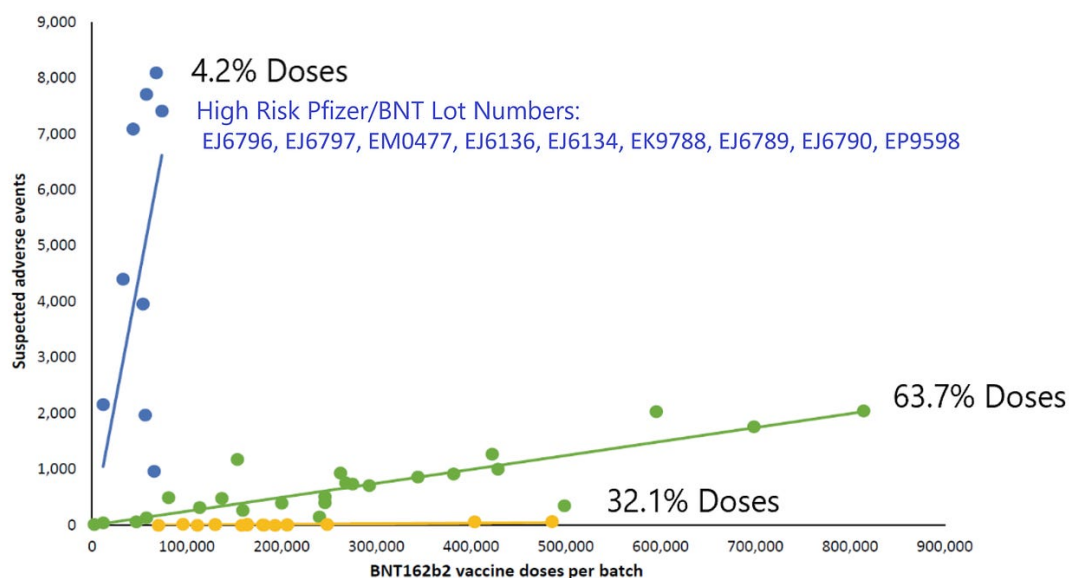
<sup>2</sup>LIVA, Copenhagen, Denmark

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**FIGURE 1** Numbers of suspected adverse events (SAEs) after BNT162b2 mRNA vaccination in Denmark (27 December 2020–11 January 2022) according to the number of doses per vaccine batch. Each dot represents a single vaccine batch. Trendlines are linear regression lines. Blue:  $R^2 = 0.78$ ,  $\beta = 0.0898$  (95% confidence interval [CI] 0.0514–0.1281), green:  $R^2 = 0.89$ ,  $\beta = 0.0025$  (95% CI 0.0021–0.0029), yellow:  $R^2 = 0.68$ ,  $\beta = 0.000087$  (95% CI 0.000056–0.000118). Vaccine batches representing the blue, green and yellow trendlines comprised 4.22%, 63.69% and 32.09% of all vaccine doses, respectively, with 70.78%, 27.49% and 47.15% (blue trendline), 28.84%, 71.50% and 51.99% (green trendline), and 0.38%, 1.01%, and 0.86% (yellow trendline) of all SAEs, serious SAEs, and SAE-related deaths, respectively.

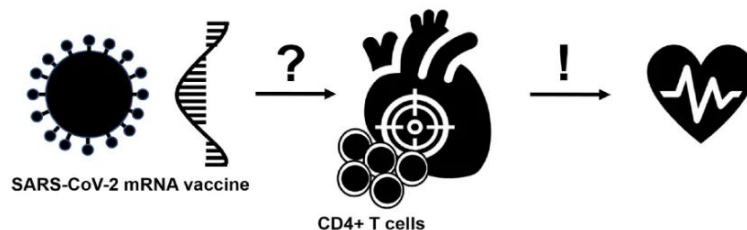
Schmeling M, Manniche V, Hansen PR. Batch-dependent safety of the BNT162b2 mRNA COVID-19 vaccine. *Eur J Clin Invest*. 2023 Aug;53(8):e13998. doi: 10.1111/eci.13998. Epub 2023 Apr 9. PMID: 36997290.

[Schwab et al](#) reported a cohesive finding of simultaneous vaccine-induced inflammation in the deltoid muscle and the heart among those who died after vaccination. The areas of inflammation look very similar in both samples.



## Autopsy-based histopathological characterization of myocarditis after anti-SARS-CoV-2-vaccination

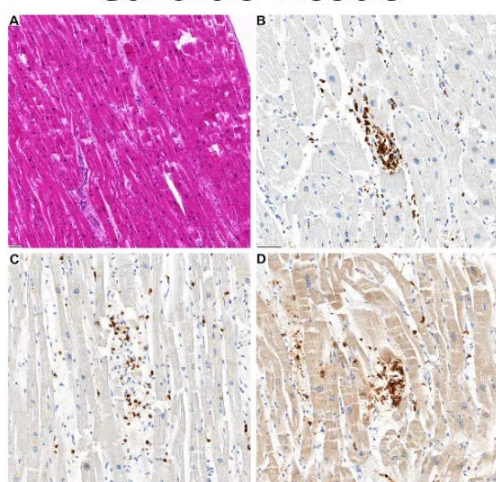
Constantin Schwab<sup>1</sup> · Lisa Maria Domke<sup>1,2</sup> · Laura Hartmann<sup>1,2</sup> · Albrecht Stenzinger<sup>1</sup> · Thomas Longerich<sup>1</sup> · Peter Schirmacher<sup>1</sup>



**Keywords** Autopsy · SARS · Cardiac pathology · Myocarditis · Vaccination

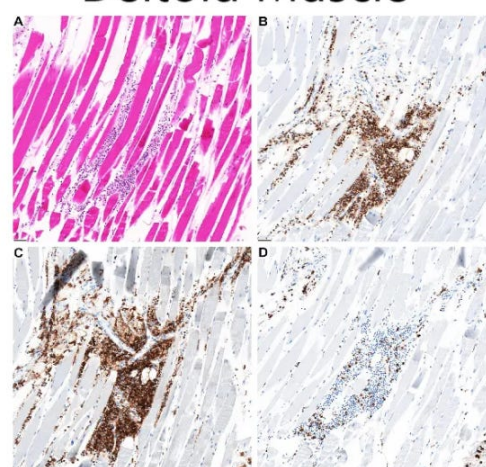


### Cardiac Tissue



**Fig. 2** A Inflammatory focus in the left ventricular wall of case 2. B The infiltrate is predominantly composed of CD68-positive macrophages and C CD3-positive T-lymphocytes with D co-expression of CD3

### Deltoid Muscle



**Fig. 3** A The jab site in the deltoid muscle reveals focal inflammation. The composition is similar to the phenotype of the myocardial infiltrates showing predominantly B CD3 and C CD3-coexpressing lymphocytes and D interspersed CD68-positive macrophages

Schwab, C., Domke, L.M., Hartmann, L. *et al.* Autopsy-based histopathological characterization of myocarditis after anti-SARS-CoV-2-vaccination. *Clin Res Cardiol* (2022). <https://doi.org/10.1007/s00392-022-02129-5>

Finally, [Nakahara et al](#) reported that there is a greater shift from normal free fatty acid to 18-FDG uptake in the human heart among those who had a sore arm (65.4%) after vaccination. This cardiac PET finding is associated with myocardial disease and chronic ischemia.



## Assessment of Myocardial $^{18}\text{F}$ -FDG Uptake at PET/CT in

### Asymptomatic SARS-CoV-2-vaccinated and Nonvaccinated Patients

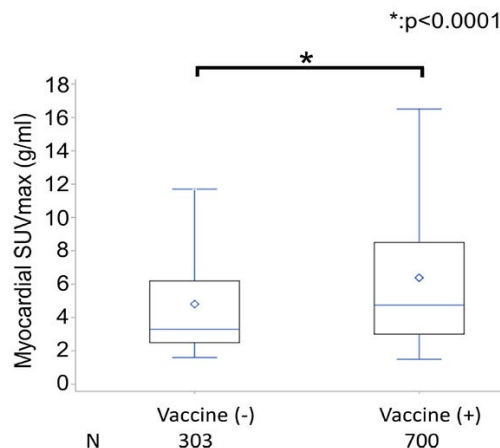
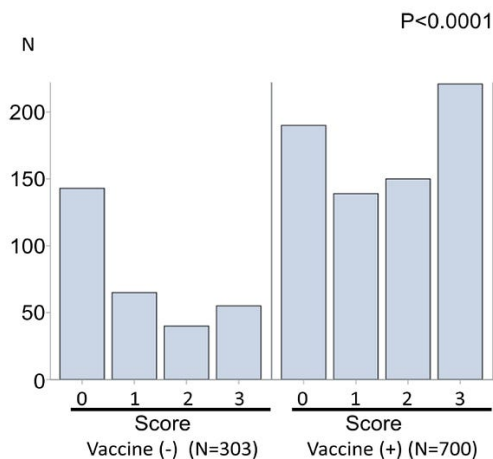
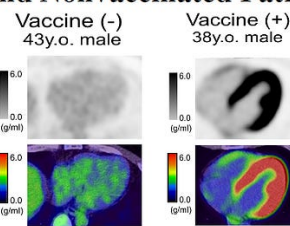
#### Myocardial FDG Uptake in Patients with Vaccination Side Effects

Following vaccination, 254/700 (36.3%) patients reported a fever and 458/700 (65.4%) reported

a sore arm, but no patients reported chest pain. The myocardial visual score was higher in

patients who reported a sore arm (median score, 1 [IQR: 0-3]) compared to those who did not

(median score, 2 [IQR: 1-3],  $p = .032$ ), but no difference was observed in myocardial SUVmax



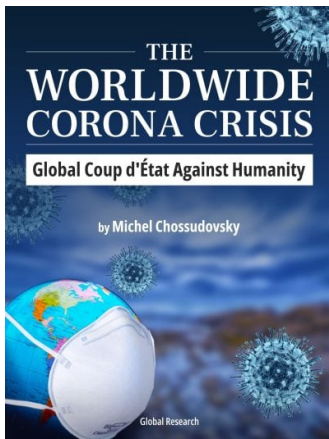
Nakahara T, Iwabuchi Y, Miyazawa R, Tonda K, Shiga T, Strauss HW, Antoniades C, Narula J, Jinzaki M.

Assessment of Myocardial  $^{18}\text{F}$ -FDG Uptake at PET/CT in Asymptomatic SARS-CoV-2-vaccinated and Nonvaccinated Patients. Radiology. 2023 Sep;308(3):e230743. doi: 10.1148/radiol.230743. PMID: 37724969.

Piecing these data together in my clinical practice, I always ask patients if they had a sore arm or more severe reaction within the few days of the shot. It may be a harbinger of future cardiovascular serious adverse events including myocarditis and sudden cardiac death.

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## The Worldwide Corona Crisis, Global Coup d'Etat Against Humanity

by Michel Chossudovsky

Michel Chossudovsky reviews in detail how this insidious project “destroys people’s lives”. He provides a comprehensive analysis of everything you need to know about the “pandemic” — from the medical dimensions to the economic and social repercussions, political underpinnings, and mental and psychological impacts.

*“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*

*In this war against humanity in which we find ourselves, in this singular, irregular and massive assault against liberty and the goodness of people, Chossudovsky’s book is a rock upon which to sustain our fight. –Dr. Emanuel Garcia*

*In fifteen concise science-based chapters, Michel traces the false covid pandemic, explaining how a PCR test, producing up to 97% proven false positives, combined with a relentless 24/7 fear campaign, was able to create a worldwide panic-laden “plandemic”; that this plandemic would never have been possible without the infamous DNA-modifying Polymerase Chain Reaction test – which to this day is being pushed on a majority of innocent people who have no clue. His conclusions are evidenced by renown scientists. —Peter Koenig*

*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*

*A reading of Chossudovsky’s book provides a comprehensive lesson in how there is a global coup d’état under way called “The Great Reset” that if not resisted and defeated by freedom*

*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*

ISBN: 978-0-9879389-3-0, Year: 2022, PDF Ebook, Pages: 164, 15 Chapters

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