

# COVID-19 Vaccine Side Effects: “I Can’t Hear You”

Risk of Sudden Sensorineural Hearing Loss Doubled in the Elderly after Vaccination

By [Dr. Peter McCullough](#)

Theme: [Science and Medicine](#)

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*Loss of hearing in the elderly is common affecting both the patient and the people around them trying to communicate. I have noticed many of my vaccinated elderly patients developing progressive hearing loss. Nieminen et al have conducted an extensive hearing assessment of patients in Finland after COVID-19 vaccination and compared them to the unvaccinated. The data suggested each successive shot increased risk for hearing loss. However, the most important results are in the supplemental tables which demonstrate the elderly and those with risk factors for hearing loss are pushed over the edge by COVID-19 vaccination.*

## Sudden Hearing Loss Following Vaccination Against COVID-19

Tuomo A. Nieminen, MSC; Ilkka Kivekäs, MD, PhD; Miia Artama, PhD; Hanna Nohynek, MD, PhD;  
Jarno Kujansivu, MD; Petteri Hovi, MD, PhD



Covariate	aIRR (95% CI), main analysis	aIRR (95% CI), no calendar adjustment	aIRR (95% CI), no calendar, or comorbidity adjustment
(Intercept)	8.02 (6.57–9.79)	8.36 (7.03–9.93)	14.29 (12.66–16.12)
Age (years)			
0-11	0.03 (0.01–0.05)	0.03 (0.01–0.05)	0.03 (0.01–0.05)
12-19	0.23 (0.17–0.30)	0.22 (0.17–0.30)	0.24 (0.18–0.32)
20-29	0.52 (0.43–0.63)	0.52 (0.43–0.62)	0.53 (0.44–0.64)
30-39	Ref	Ref	Ref
40-49	1.36 (1.18–1.57)	1.38 (1.20–1.59)	1.39 (1.21–1.60)
50-59	1.56 (1.37–1.79)	1.59 (1.39–1.83)	1.67 (1.46–1.91)
60-69	1.85 (1.62–2.12)	1.90 (1.66–2.17)	2.14 (1.87–2.43)
70-79	2.13 (1.85–2.45)	2.21 (1.92–2.54)	2.73 (2.40–3.11)
≥80	1.55 (1.30–1.84)	1.63 (1.38–1.93)	1.95 (1.67–2.29)
Number of other risk factors			
0	Ref	Ref	
1	1.17 (1.06–1.29)	1.17 (1.07–1.29)	-
2	1.28 (1.02–1.61)	1.28 (1.02–1.62)	-
≥3	2.09 (1.18–3.69)	2.09 (1.19–3.70)	-

Nieminen TA, Kivekäs I, Artama M, Nohynek H, Kujansivu J, Hovi P. Sudden Hearing Loss Following Vaccination Against COVID-19. *JAMA Otolaryngol Head Neck Surg*. Published online December 15, 2022. doi:10.1001/jamaoto.2022.4154

Their risk for sudden and substantial loss of hearing is more than double those who wisely deferred on the vaccines. The Spike protein produced by the vaccines is a neurotoxin damaging nerves throughout the body and likely having more of an impact in nervous tissue which is already degenerated such as the auditory nerve. It is also possible the Spike protein incites inflammation leading to fibrosis in the tissue holding the stapes or stirrup which is a bone bone in the middle ear, the annular ligament, or the oval window all involved in the conduction of sound vibrations to the inner ear. If you have an elderly person in your circle who has been vaccinated, check on their hearing and do not fall behind on progressive hearing loss which if unchecked, can lead to social withdrawal and insidious depression.

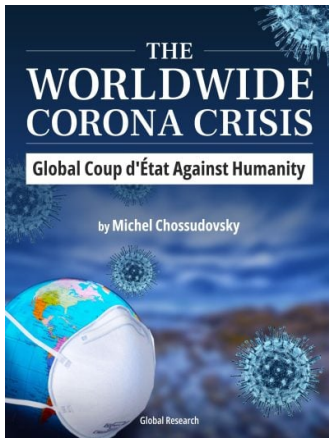
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Source

[Nieminen TA, Kivekäs I, Artama M, Nohynek H, Kujansivu J, Hovi P. Sudden Hearing Loss Following Vaccination Against COVID-19. JAMA Otolaryngol Head Neck Surg. Published online December 15, 2022. doi:10.1001/jamaoto.2022.4154](https://doi.org/10.1001/jamaoto.2022.4154)

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