

Supplement 1. Previously reported cases of subacute thyroiditis after the coronavirus disease 2019 vaccination

Ref	Country	Gender, age (yr)	Vaccine	Dose, time between vaccine and onset of thyroiditis	Medical history with thyroid diseases	Clinical presentation	FT3	FT4	TSH	Ultrasound	Thyroid antibodies	Treatment
1	Greece	F, 51	Pfizer	First dose, 4 days	No		Normal	Elevated	Depressed	-	Negative	Methylprednisolone
1	Greece	F, 39	AstraZeneca	NR, 3 weeks	No		Normal	Elevated	Suppressed	-	Positive	None
2	Greece	F, 35	Pfizer	First dose, 12 days		Neck pain radiating to the jaw and ear, fatigue, and rare palpitations	-	Elevated	Depressed	Increased gland dimensions with heterogeneous appearance and with hypoechogenic regions	Negative	Prednisolone
2	Greece	F, 32	Pfizer	Second dose, 4 days		Neck pain radiating to the jaw and ear, and mild fatigue	-	Normal	Undetectable	Increased gland dimensions with heterogeneous appearance and with hypoechogenic regions	Negative	Prednisolone
3	Germany	F, 26	AstraZeneca	First dose, 2 days	No	Cervical pain, fever, chills	Elevated	Normal	Normal	Distinct ill-defined hypoechoic area with decreased blood flow		Ibuprofen, then Prednisolone
3	Germany	F, 49	Moderna	First dose, 1 month	No	Headaches, difficulty in concentrating, sore throat	Normal	Normal	Normal	Distinct ill-defined hypoechoic area with decreased blood flow		Ibuprofen, then Diclofenac, then Prednisolone
4	India	F, 47	AstraZeneca	First dose, NR		Fever, neck pain, restlessness, difficulty in swallowing, and weight loss of 3 kg	Elevated	Elevated	Depressed	Enlarged gland, heterogeneous echotexture, hypoechoic nodules		Propranolol in 8 weeks
5	USA	F, 42	Pfizer	First dose, 5 days	No	Sore throat and palpitations	Elevated	Elevated	Depressed		Negative	Prednisolone and propanolol
6	Turkey	F, 35	CoronaVac	Second dose, 4 days	No	Neck pain and palpitation	Normal	Normal	Normal	Hypoechoic areas with decreased blood flow on Doppler USG	Negative	Methylprednisolone and propanolol in 4 weeks
6	Turkey	F, 34	CoronaVac	First dose, 4 days	No	Neck pain, fatigue, palpitations, and weight loss	Elevated	Normal	Depressed	Hypoechoic areas with decreased blood flow on Doppler USG	Negative	Methylprednisolone and propanolol in 10 weeks
6	Turkey	F, 37	CoronaVac	Second dose, 7 days	No	Neck pain	Elevated	Normal	Normal	Hypoechoic areas with irregular borders and reduced blood flow	Negative	None
7	UK	F, 55	AstraZeneca	First dose, 3 weeks	No	Neck pain, swelling, headache, sore throat, palpitations, generalized aches	Elevated	Elevated	Depressed	Enlarged thyroid gland with heterogeneous echotexture throughout	Negative	Levothyroxine, Propranolol, NSAIDs

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Supplement 1. Continued

Ref	Country	Gender, age (yr)	Vaccine	Dose, time between vaccine and onset of thyroiditis	Medical history with thyroid diseases	Clinical presentation	FT3	FT4	TSH	Ultrasound	Thyroid antibodies	Treatment
8	USA	M, 48	-	Second dose, 7 days	-	Neck swelling, throat discomfort, palpitations, fevers, and weight loss	Elevated	Elevated	Depressed	Hypoechoic and heterogeneous echotexture	-	Prednisolon and NSAIDs in 1 week
9	USA	F, 46	Moderna	First dose, several days	No	Neck pain, fever, and myalgia, tachycardia	Elevated	Elevated	Undetectable	Hypoechoic nodules in the inferior and superior poles	-	Dexamethasone and Propranolol
10	UK	M, 75	AstraZeneca	First dose, 14 days	No	Headache, neck pain, mild pyrexia, and tachycardia	Elevated	Elevated	Undetectable	-	Negative	NSAID
11	Turkey	M, 67	Vero Cell	Second dose, 2 weeks	No	Fever, neck pain, tachycardia, and weight loss of 3 kg	Elevated	Elevated	Depressed	Reduced echogenicity and diffusely heterogeneous texture with pseudonodular areas	-	NSAID
12	Turkey	F, 38	CoronaVac	Second dose, 2 weeks	No	Neck pain, fatigue, loss of appetite, and sweating	Elevated	Elevated	Depressed	Increased size of the right thyroid lobe, an irregularly demarcated hypoechoic area	-	NSAID and propranolol, then levothyroxine
13		F, 34	Covaxin	First dose, 7 days	No	Mild fever, palpitation, and radiating anterior neck pain	Elevated	Elevated	Undetectable	Heterogeneity and decreased vascularity of the thyroid gland	-	Prednisolon and NSAIDs in 1 week
14	UK	F, 40	Pfizer	Second dose, 12 hours	No	Malaise, palpitation, and severe anterior neck pain	-	Elevated	Depressed	Heterogeneous thyroid parenchyma, modest enlargement of the gland and diffusely hypoechoic appearances	Negative	Prednisolon
15	Norway	F, NR	Pfizer	First dose, 6 days		Thyroid carcinoma in course of treatment (lobectomy of left thyroid lobe, radioactive iodine therapy and levothyroxine therapy)		Normal	Depressed	-	-	-
16	USA	F, 57	Pfizer	Second dose, 1 days	No	Neck pain and swelling	-	Elevated	Depressed	-	Negative	-

Ref, reference; FT3, free triiodothyronine; FT4, free thyroxine; TSH, thyroid-stimulating hormone; F, female; M, male; NR, not reported; USG, ultrasound; NSAIDs, non-steroidal anti-inflammatory drugs.

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