

**SUPPLEMENTARY MATERIAL**

Table 1. Clinical characteristics of HCW with suspected allergic reactions to COMIRNATY® (Pfizer-BioNTech COVID-19 vaccine).

Patient	Age (y) / Gender	Previous allergy history	Severity of previous allergic reaction	Symptoms after COMIRNATY 1 <sup>st</sup> dose	Onset of symptoms after vaccination	Treatment Received	2nd dose administration	Symptoms after COMIRNATY 2 <sup>nd</sup> dose	SPT PEG 2000	SPT Comirnaty
1	41 / F	DA (Metamizole)	Anaphylaxis	Generalized urticaria and angioedema	60 minutes	AH + CC	Yes (AH premedication)	Mild urticaria	Neg	Neg
		Aeroallergens	RC							
2	25 / F	HVA	Local angioedema	Oropharyngeal pruritus	Immediate	AH + CC	Yes (AH premedication)	Tongue itching	Neg	Neg
3	32 / M	Aeroallergens	RC - Asthma	Urticaria	24 hours	None	Yes	No	Neg	Neg
4	32 / F	DA (contrast media)	Pharyngeal pruritus	Pharyngeal pruritus	5 minutes	AH + CC	Yes (AH premedication)	No	Neg	Neg
		Aeroallergens	RC							
5	39 / F	Spontaneous urticaria	Urticaria	Diarrhea and urticaria	9 hours	AH	Yes	Tongue oedema	NP	NP
6	63 / F	DA (antitetanus immunoglobulin)	Anaphylactic shock	Tongue, feet, and hands pruritus	Unknown	None	Not administered*	-	NP	NP
7	25 / F	Aeroallergens	RC	Pruritic facial erythema	2 hours	None	Yes (AH premedication)	No	Neg	Neg
		FA (LTP)	Pruritus							
8	55 / F	None	-	Generalized pruritus	2 hours	None	Yes	Generalized pruritus	Neg	Neg
9	27 / M	Aeroallergens	RC	Lower lip oedema	48 hours	None	Yes	No	Neg	Neg
		Atopic Dermatitis	Pruritus							
10	62 / F	None	-	Urticaria	5 minutes	None	Yes (AH premedication)	No	Neg	Neg
11	58 / F	DA (dexametopfen)	Pruritus	Burning sensation on palms and soles and generalized	24 hours	None	Yes	Burning sensation on palms and soles and generalized	Neg	Neg

**Abbreviations:** M, Male; F, Female; DA, Drug allergy; HVA, Hymenoptera venom allergy; FA, Food allergy; RC, Rhinoconjunctivitis; AH, H1-antihistamines; CC, corticosteroids; Neg, Negative; NP, Not performed.

\* Not administered due to an intercurrent medical condition.