

**Supplementary Table 3. Detailed clinical histories of steroid burst use**

	Time-point of steroid use	Daily dose <sup>a)</sup> (mg/day)	Duration (d)	Reason for steroid bursts
Subject #1	V4 (2022.9.2–9.6)	20	5	Asthma exacerbation (COVID-19)
	V14 (2023.7.28–8.3)	20	7	Asthma exacerbation (upper respiratory infection)
	V14 (2023.9.4–9.6; 9.22)	10	4	New onset wheezing and dyspnea, aggravating sinusitis and ear fullness
	V16 (2024.3.15–3.19)	20	5	Asthma exacerbation (upper respiratory infection)
	V16 (2024.4.9–4.13)	20	5	Asthma exacerbation (upper respiratory infection)
Subject #3	V14 (2024.1.19–1.30)	20	7	Asthma exacerbation (upper respiratory infection)
		10	5	
	V16 (2024.7.2–7.8)	20	7	Asthma exacerbation (upper respiratory infection)

V, visit; COVID-19, coronavirus disease 2019.

<sup>a)</sup>Equivalent dose of prednisolone, calculated by dividing the total amount of systemic steroids used by the follow-up duration.