

**Supplementary Table 1.** Summary of quality assessment based on standardized tool by Murad et al.<sup>5</sup> (2018)

	Selection	Ascertainment	Causality	Reporting	
Study	Does the patient(s) represent(s) the whole experience of the investigator (center) or is the selection method unclear to the extent that other patients with similar presentation may not have been reported?	Was the exposure (COVID-19 vaccine) adequately ascertained	Was the outcome (movement disorder) adequately ascertained	Were other alternative causes ruled out?	Is the case described with sufficient details to allow other investigators replicate the research
Shahali et al., <sup>6</sup> 2022	Yes	Yes	Yes	Yes	Yes
Batot et al., <sup>8</sup> 2022	Yes	Yes	Yes	Yes	Yes
Algahtani et al., <sup>9</sup> 2022	Yes	Yes	Yes	Yes	Yes
Salinas and Dieppa, <sup>10</sup> 2021	Yes	Yes	No	No	No
Matar et al., <sup>11</sup> 2021	Yes	Yes	Yes	Yes	Yes
Salari and Etemadifar, <sup>12</sup> 2022	Yes	Yes	Yes	Yes	Yes
Ryu et al., <sup>13</sup> 2022	Yes	Yes	Yes	Yes	Yes
Dulanto et al., <sup>7</sup> 2023	Yes	Yes	Yes	Yes	Yes

Risk based on questions (low risk = 5 yes; moderate risk = 3–4 yes; high risk = 2 or less yes).  
 COVID-19, coronavirus disease 2019.