Mendeley Supplemental Table 1. Clinical characteristics of patients with biologics reporting suicidal and self-injurious behavior.

|  |  | All cases | Self-injurious behavior a) | Suicide-related behavior b) | Suicidal and self-injurious behavior c) |
| --- | --- | --- | --- | --- | --- |
| Reporter | Total data | 792d) | 48 | 761 (99.47%) | 13 |
| Healthcare Professional | 370 (46.72%) | 16 (33.33%) | 358 (47.04%) | 4 (30.77%) |
| non-Healthcare Professional | 422 (53.28%) | 32 (66.67%) | 399 (52.43%) | 9 (69.23%) |
| Sex | Total data | 796 | 48 | 761 | 13 |
| Male | 345 (43.34%) | 31 (64.58%) | 324 (42.58%) | 10 (76.92%) |
| Female | 421 (52.89%) | 17 (35.42%) | 407 (53.48%) | 3 (23.08%) |
| Not Specified | 30 (3.77%) | / | 30 (3.94%) | / |
| Age | Total data | 507 | 34 | 482 | 9 |
| Median | 51 | 49 | 51 | 43 |
| Range | 5-87 | 7-73 | 5-87 | 15-55 |
| Indication | Psoriasis | 504 (63.32%) | 23 (44.23%) | 483 (51.00%) | 8 (57.14%) |
| Psoriatic arthropathy (Psoriatic Arthritis,PsA) | 355 (44.60%) | 23 (44.23%) | 337 (35.59%) | 5 (35.71%) |
| Comorbidity e) | 69 (8.67%) | 2 (3.85%) | 68 (7.18%) | 1 (7.14%) |
| Psoriasis and PsA | 63 (7.91%) | 4 (7.69%) | 59 (6.23%) | / |
| Reaction Outcome | Total data | 416 | 20 | 400 | 13 |
| Recovered/resolved | 182 (43.75%) | 8 (40.00%) | 175 (43.75%) | 3 (23.08%) |
| Recovering/resolving | 53 (12.74%) | 6 (30.00%) | 48 (12.00%) | 1 (7.69%) |
| Not recovered/not resolved | 108 (25.96%) | 4 (20.00%) | 106 (26.50%) | 2 (15.38%) |
| Recovered/resolved with sequelae | 4 (0.96%) | 2 (10.00%) | 2 (0.50%) | / |
| Fatal | 69 (16.59%) | / | 69 (17.25%) | / |
| Treatment modifications | Total data | 701 | 40 | 671 | 10 |
| Drug withdrawn | 245 (34.95%) | 9 (22.50%) | 238 (35.47%) | 2 (20.00%) |
| Dose reduced | 2 (0.29%) | / | 2 (0.30%) | / |
| Dose increased | 10 (1.43%) | / | 10 (1.49%) | / |
| Dose not changed | 136 (19.40%) | 13 (32.50%) | 124 (18.48%) | / |
| Latency period | Total data | 188 | 13 | 177 | 2 |
| Median (day) | 134 | 188 | 123 | 21 |
| Range | 1-4010 | 1-2117 | 1-4010 | 1-40 |
| 1 day to 30 days | 42 (22.34%) | 1 (7.69%) | 42 (23.73%) | 1 (50.00%) |
| 1 month to 0.5 year | 61 (32.45%) | 5 (38.46%) | 57 (32.20%) | 1 (50.00%) |
| 0.5 year to 3 year | 52 (27.66%) | 5 (38.46%) | 47 (26.55%) | / |
| >3 year | 33s (17.55%) | 2 (15.38%) | 31 (17.51%) | / |

a)Self-injurious behavior refers to intentional self-injury (PT coding: 10022524) and self-injurious ideation (PT coding: 10051154).

b)Suicide-related behavior refers to completed suicide (PT coding: 10010144) and suicidal behavior (PT coding: 10065604) and suicidal ideation (PT coding: 10042458) and suicide attempt (PT coding: 10042464) and suicide threat (PT coding: 10077417) and suspected suicide (PT coding: 10082458).

c) Suicidal and self-injurious behavior reported in the same case.

d) The other 4 cases did not show the specific reported source.

e)Comorbidity refers to comorbid psoriasis or psoriatic arthropathy, with mental disorders including anxiety, bipolar disorder, attention deficit hyperactivity disorder, depression, insomnia, and post-traumatic stress disorder.