Supplementary Material

# Supplementary Figures and Tables

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1st Author | # of cases (total) | new-onset | exacerbation | Moderna (mRNA-1273) | AZ (AZD1222) | Pfizer (mRNABNT162b2) | Sinovac (CoronaVac) | Covaxin (BBV152) | 1st vaccination | 2nd vaccination | 3rd vaccination | Latency [days] |
| Bostan, *et.al*.(1) | 2 | 0 | 2 |  |  | 2 |  |  | 1 | 1 |  | 30, 60 |
| Chhabra, *et.al.*(2) | 1 | 1 | 0 |  | 1 |  |  |  | 1 |  |  | 14 |
| Durmaz, *et.al.*(3) | 3 | 0 | 3 |  |  | 3 |  |  | 1 | 1 | 1 | 3, 7, 42 |
| Durmus, *et.al.*(4) | 1 | 0 | 1 |  |  | 1 |  |  | 1 |  |  | 28 |
| Elamin, *et.al.*(5) | 1 | 1 | 0 |  | 1 |  |  |  | 1 |  |  | 21 |
| Fang, *et.al.*(6) | 1 | 0 | 1 |  | 1 |  |  |  | 1 |  |  | 14 |
| Frioui, *et.al.*(7) | 1 | 1 | 0 |  |  | 1 |  |  | 1 |  |  | 4 |
| Huang, *et.al.*(8) | 17 | 0 | 17 | 7 | 8 |  |  |  |  |  |  |  |
| Infimate, *et.al.*(9) | 1 | 0 | 1 |  |  |  |  | 1 | 1 |  |  | 4 |
| Kabbani, *et.al.*(10) | 1 | 0 | 1 |  |  | 1 |  |  |  | 1 |  | 7 |
| Krajewski, *et.al.*(11) | 1 | 0 | 1 |  |  | 1 |  |  |  | 1 |  | 5 |
| Lehmann, *et.al.*(12) | 1 | 1 | 0 |  |  | 1 |  |  | 1 |  |  | 10 |
| Lopez, *et.al.*(13) | 1 | 0 | 1 |  |  | 1 |  |  |  | 1 |  | 4 |
| Megna, *et.al.*(14) | 11 | 0 | 11 | 1 | 3 | 7 |  |  | 2 | 9 |  | 5, 5, 6, 7, 8, 8, 9, 10,10, 12, 14 |
| Mieczkowska, *et.al.*(15) | 1 | 0 | 1 |  |  | 1 |  |  | 1 |  |  | 7 |
| Nagrani, *et.al.*(16) | 2 | 1 | 1 |  | 2 |  |  |  |  | 2 |  | 2, 10 |
| Nia, *et.al.*(17) | 1 | 0 | 1 |  |  | 1 |  |  |  |  |  | 1 |
| Onsun, *et.al.*(18) | 1 | 0 | 1 |  |  |  | 1 |  | 1 |  |  | 4 |
| Pavia, *et.al.*(19) | 1 | 0 | 1 |  |  | 1 |  |  |  | 1 |  | 10 |
| Perna, *et.al.*(20) | 1 | 0 | 1 |  |  | 1 |  |  | 1 |  |  | 5 |
| Pesque, *et.al.*(21) | 2 | 1 | 1 | 2 |  |  |  |  | 1 | 1 |  | 6, 10 |
| Phuan, *et.al.*(22) | 1 | 0 | 1 |  |  | 1 |  |  |  |  | 1 | 7 |
| Piccolo, *et.al.*(23) | 2 | 0 | 2 |  |  |  |  |  |  |  |  | 30 |
| Quattrini, *et.al.*(24) | 1 | 0 | 1 |  |  | 1 |  |  |  | 1 |  | 2 |
| Ricardo, *et.al.*(25) | 1 | 1 | 0 |  |  | 1 |  |  |  |  |  |  |
| Romagnuolo, *et.al.*(26) | 1 | 1 | 0 |  |  | 1 |  |  | 1 |  |  |  |
| Shakoei, *et.al.*(27) | 3 | 2 | 1 |  |  |  | 3 |  | 1 | 2 |  | 7 |
| Song, *et.al.*(28) | 1 | 1 | 0 |  |  | 1 |  |  | 1 |  |  | 2 |
| Sotiriou, *et.al.*(29) | 14 | 0 | 14 | 1 | 7 | 6 |  |  | 2 | 12 |  | 3, 5, 6, 6, 7, 7, 7, 8, 9, 10, 10, 13, 22, 32 |
| Tachibana, *et.al.*(30) | 2 | 0 | 2 |  |  | 2 |  |  | 1 | 1 |  | 7, 8 |
| Tran, *et.al.*(31) | 3 | 3 | 0 | 1 | 1 | 1 |  |  | 2 |  | 1 | 7, 30, 30 |
| Tran, *et.al.*(32) | 2 | 0 | 2 |  |  | 2 |  |  |  | 2 |  | 7, 7 |
| Wei, *et.al.*(33) | 7 | 1 | 6 | 6 |  | 1 |  |  | 1 | 6 |  | 6, 7, 21, 24, 60, 62, 90 |
| Yatsuzuka, *et.al.*(34) | 1 | 0 | 1 |  |  | 1 |  |  |  | 1 |  | 12 |
|  | **91** | **15** | **76** | **18** | **24** | **40** | **4** | **1** | **24** | **43** | **3** | **Ø 14,31** |

supplementary Table 1. Current case reports of exacerbation or new-onset of psoriasis after Covid-19 vaccination.

|  |  |  |  |
| --- | --- | --- | --- |
| 1st Author | # of cases (total) | new-onset | exacerbation |
| Abadie, *et.al.*(35) | 1 | 0 | 1 |
| Batubara, *et.al.*(36) | 1 | 0 | 1 |
| Carugno, *et.al.*(37) | 1 | 0 | 1 |
| Dadras, *et.al.*(38) | 1 | 0 | 1 |
| Demiri, *et.al.*(39) | 1 | 0 | 1 |
| Essien, *et.al.*(40) | 1 | 1 | 0 |
| Gananandan, *et.al.*(41) | 1 | 0 | 1 |
| Ghalamkarpour, *et.al.*(42) | 1 | 0 | 1 |
| Janodia, *et.al.*(43) | 1 | 1 | 0 |
| Kutlu, *et.al.*(44) | 1 | 0 | 1 |
| Mroz, *et.al.*(45) | 14 | 0 | 14 |
| Nasiri, *et.al.*(46) | 1 | 0 | 1 |
| Ohmura, *et.al.*(47) | 1 | 0 | 1 |
| Ozaras, *et.al.*(48) | 1 | 0 | 1 |
| Pala, *et.al.*(49) | 1 | 0 | 1 |
| Polat, *et.al.*(50) | 15 | 0 | 15 |
| Rouai, *et.al.*(51) | 1 | 1 | 0 |
| Samotij, *et.al.*(52) | 1 | 1 | 0 |
| Shakoei, *et.al.*(53) | 1 | 0 | 1 |
| Sigha, *et.al.*(54) | 1 | 0 | 1 |
|  | **47** | **4** | **43** |

Supplementary table 2. Current case reports of exacerbation of psoriasis after Covid-19 infection.

Literature

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