**Supplementary Table 3. Characteristics of patients with liver enzymes elevated after inactivated vaccination**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Patient no.** | **characteristics** | **Vaccine** | **Therapy before vaccine** | **Prognosis of disease** | **AST/ALT/GGT/ALP (U/L)** | **Autoantibodies** | **IgG (g/L)** |
| Before vaccine | After vaccine | Before vaccine | After vaccine | Before vaccine | After vaccine |
| 4032 | 52-year-old female | Corona-Vac | Meprednisone 4 mg/day | Outpatient treatment | 26/16/48/65 | 37/28/61/59 | −ANA (1:100) | −ANA (1:100) | 15.2 | 12 |
| 4036 | 50-year-old female | Corona-Vac | Prednisone and hydroxychloroquine were discontinued in June 2021 | Outpatient treatment | 41/28/160/215 | 93/68/386/NA | −ANA (1:320)−AMA−M2(542.9 RU/mL)−AMA (1:320) | −ANA (1:320)−AMA−M2(1334.6 RU/mL)−AMA (1:320) | NA | 12.3 |
| 4054 | 57-year-old male | Corona-Vac | Untreated | Outpatient treatment | 37/50/33/61 | 41/57/46/67 | −ANA (1:100) | −ANA (1:100) | NA | 12.5 |
| 4058 | 54-year-old female | Corona-Vac | Prednisone 10 mg/day; Azathioprine 25 mg/day | Outpatient treatment | 41/25/224/98 | 27/15/283/NA | −ANA (1:1000)−AMA−M2(1143.8 RU/mL)−AMA (1:1000) | −ANA (1:100)−AMA−M2(721.1 RU/mL)−AMA (1:320) | 10.6 | 10.2 |
| 4072 | 59-year-old female | Corona-Vac +BBIBP-CorV | Ursofalk | Outpatient treatment | 44/32/42/164 | 67/48/86/150 | −ANA (1:100) | −ANA (1:100) | 18.9 | 18.9 |
| 4075 | 63-year-old female | Corona-Vac | Ursofalk | Outpatient treatment | 29/25/262/NA | 36/30/344/NA | −ANA (1:320)−AMA−M2(903.9 RU/mL)−AMA (1:320) | −ANA (1:100)−AMA−M2(749.8 RU/mL)−AMA (1:320) | 11.1 | 13.1 |
| 4082 | 55-year-old female | Corona-Vac | Ursofalk | Outpatient treatment | 39/40/142/129 | 60/64/262/205 | −ANA (1:320) | −ANA (1:100) | 17.9 | 19.9 |

ALP, alkaline phosphatase; ALT, alanine aminotransferase; AMA, antimitochondrial antibody; AMA-M2, antimitochondrial antibody-M2; ANA, antinuclear antibody; AST, aspartate aminotransferase; GGT, gamma-glutamyl transferase; Ig, immunoglobulin; NA, not available.