

Table 1. Summary of the existing case reports on sudden sensorineural hearing loss in SARS-CoV-2 positive patients. The audiometric data of the hearing loss at onset are reported as 4-frequency pure-tone average at respectively 500Hz - 1000Hz - 2000Hz - 3000 or 4000Hz frequencies. *Abbreviations: Number (N), PTA (pure-tone average), Decibels (dB), Male (M), Female (F), Intratympanic corticoid (IT), Follow-up period (FU), Sensorineural hearing loss (SNHL), Hertz (Hz).*

| N | Article (2020) | Author (reference) | Sex | Age (years) | Laterality of SSNHL | 4-frequency PTA (dB) | Treatment | Outcome after reported FU |
|---|----------------|--------------------|-----|-------------|---------------------|----------------------|--|----------------------------|
| 1 | May | Karimi (3) | M | 22 | Left | 0 - 0 - 30 - 40 | Unknown | Unknown |
| 2 | May | Karimi (3) | F | 40 | Right | 50 - 60 - 60 - 60 | Unknown | Unknown |
| 3 | May | Karimi (3) | F | 23 | Left | 30 - 35 - 35 - 40 | Unknown | Unknown |
| 4 | June | Degen (4) | M | 60 | Bilateral | Unknown | Urgent cochlear implantation (Right), 3 IT injections (Left) | Unknown |
| 5 | June | Kilic (5) | M | 29 | Right | 50 - 40 - 20 - 10 | Hydroxychloroquine | Complete hearing recovery |
| 6 | September | Lang (6) | F | 30 | Right | 15 - 10 - 95 - 80 | Oral prednisolone | No significant improvement |
| 7 | September | Koumpa (7) | M | 45 | Left | Unknown | Oral prednisolone and 3 IT injections | Partial improvement |
| 8 | September | Lamounier (8) | F | 67 | Right | 60 - 85 - 75 - 75 | Oral prednisolone and 5 IT injections | Isolated recovery at 250Hz |