

Table S1. ICD-10 codes using in this investigation.

| DIAGNOSIS | ICD-10 Codes |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Single lung transplantation | 0BYCxxx, 0BYDxxx, 0BYFxxx, 0BYGxxx, 0BYHxxx, 0BYJxxx, 0BYKxxx 0BYLxxx |
| Bilateral lung transplantation | 0BYMxxx |
| COVID-19 | B34.2, B97.29, U07.1 |
| Pulmonary hypertension | I27.0, I27.2x, I27.89 |
| Haemodialysis | 5A1Dxxx |
| Extracorporeal membrane oxygenation | 5A15xxx |
| Tracheostomy | 0B11xxx |
| Lung transplant rejection | T86.810 |
| Lung transplant failure | T86.811 |
| Lung transplant infection | T86.812 |
| Other or unspecified complications of lung transplant | T86.818, T86.819 |
| Pneumonia | J13-J18 |
| Asthma | J45 |
| Current tobacco use | Z72.0, F17.21x |
| Ventilator-associated pneumonia | J95.851 |
| <i>Staphylococcus</i> bacteraemia | A4101, A4102, A411, A412, A4901, A4902, B9561, B9562, B957, B958 |
| Gram-negative bacteraemia | A413, A4150, A4151, A4152, A4153, A4159, B961, B9620, B9621, B9622, B9623, B9629, B963, B964, B965 |
| <i>Pseudomonas aeruginosa</i> infection | B96.5 |
| <i>Aspergillus</i> infection | B44.xx |
| Cytomegalovirus infection | B25.x |

Table S2. In hospital mortality according to study variables among patients with idiopathic pulmonary fibrosis (IPF) who underwent a lung transplantation in Spain from 2016 to 2020.

| | | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL |
|-------------------------------------------|-------------|-----------|-----------|----------|-----------|-----------|-----------|
| Type, n (%) | Single | 8(11.76) | 12(14.12) | 4(7.84) | 5(9.62) | 8(22.86) | 37(12.71) |
| | Bilateral | 5(17.86) | 3(8.11) | 3(6) | 11(13.58) | 9(10.47) | 31(10.99) |
| Sex, n(%) | Men | 6(8.45) | 9(10) | 5(6.67) | 12(12.5) | 15(15) | 47(10.88) |
| | Women | 7(28) | 6(18.75) | 2(7.69) | 4(10.81) | 2(9.52) | 21(14.89) |
| Age groups, n(%) | <45 years | 2(18.18) | 2(18.18) | 1(16.67) | 1(8.33) | 1(20) | 7(15.56) |
| | 45-54 years | 3(21.43) | 4(20) | 1(6.25) | 1(4.76) | 4(23.53) | 13(14.77) |
| | 55-64 years | 8(15.38) | 8(12.7) | 3(5) | 12(16.67) | 8(11.11) | 39(12.23) |
| | ≥ 65 years | 0(0) | 1(3.57) | 2(10.53) | 2(7.14) | 4(14.81) | 9(7.44) |
| CCI, n(%) | 0 | 7(13.21) | 5(9.09) | 4(8.33) | 6(9.84) | 4(7.02) | 26(9.49) |
| | ≥1 | 6(13.95) | 10(14.93) | 3(5.66) | 10(13.89) | 13(20.31) | 42(14.05) |
| Pulmonary hypertension, n(%) ^a | Yes | 3(14.29) | 5(17.24) | 4(16) | 6(31.58) | 10(25) | 28(20.9) |
| | No | 10(13.33) | 10(10.75) | 3(3.95) | 10(8.77) | 7(8.64) | 40(9.11) |
| Any complication of lung transplant, n(%) | Yes | 7(19.44) | 10(17.24) | 4(6.25) | 8(11.27) | 11(17.46) | 40(13.7) |
| | No | 6(10) | 5(7.81) | 3(8.11) | 8(12.9) | 6(10.34) | 28(9.96) |

CCI: Charlson comorbidity index.

^ap value <0.05 when comparing total values between categories.

Table S3. Characteristics and in hospital mortality according to study variables among patients with idiopathic pulmonary fibrosis (IPF) who underwent a lung transplantation in Spain in years 2019 versus year 2020.

| | | Characteristics | | | IHM | | |
|-------------------------------------------|-------------|-----------------|-------------|---------|-------------|-------------|---------|
| | | 2019 | 2020 | P value | 2019 | 2020 | P value |
| Number of procedures | | 133 | 121 | 0.403 | 16(12.03) | 17(14.05) | 0.633 |
| Type, n (%) | Single | 52(39.1) | 35(28.93) | 0.088 | 5(9.62) | 8(22.86) | 0.089 |
| | Bilateral | 81(60.9) | 86(71.07) | | 11(13.58) | 9(10.47) | 0.535 |
| Sex, n(%) | Men | 96(72.18) | 100(82.64) | 0.047 | 12(12.5) | 15(15) | 0.612 |
| | Women | 37(27.82) | 21(17.36) | | 4(10.81) | 2(9.52) | 0.877 |
| Age, mean (SD) | | 58.21(9.24) | 59.06(8.95) | 0.459 | 59.56(6.81) | 59.12(7.72) | 0.862 |
| Age groups, n(%) | <45 years | 12(9.02) | 5(4.13) | 0.430 | 1(8.33) | 1(20) | 0.496 |
| | 45-54 years | 21(15.79) | 17(14.05) | | 1(4.76) | 4(23.53) | 0.089 |
| | 55-64 years | 72(54.14) | 72(59.5) | | 12(16.67) | 8(11.11) | 0.335 |
| | ≥ 65 years | 28(21.05) | 27(22.31) | | 2(7.14) | 4(14.81) | 0.362 |
| CCI, mean (SD) | | 0.81(0.96) | 0.86(1.17) | 0.756 | 1(1.1) | 1.24(1.09) | 0.541 |
| CCI, n(%) | 0 | 61(45.86) | 57(47.11) | 0.843 | 6(9.84) | 4(7.02) | 0.583 |
| | ≥1 | 72(54.14) | 64(52.89) | | 10(13.89) | 13(20.31) | 0.319 |
| Pulmonary hypertension n(%) | Yes | 19(14.29) | 40(33.06) | <0.001 | 6(31.58) | 10(25) | 0.595 |
| | No | 114(85.71) | 81(66.94) | | 10(8.77) | 7(8.64) | 0.975 |
| Any complication of lung transplant, n(%) | Yes | 71(53.38) | 63(52.07) | 0.834 | 8(11.27) | 11(17.46) | 0.305 |
| | No | 62(46.62) | 58(47.93) | | 8(12.9) | 6(10.34) | 0.663 |

CCI: Charlson comorbidity index.