Renal

Hephzibah Akindele

2024-03-03

## R Markdown

## Table printed with {flextable}, not {gt}. Learn why at  
## https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html  
## To suppress this message, include `message = FALSE` in the code chunk header.

| **Characteristic** | **N = 147**1 |
| --- | --- |
| Age (years) | 49.65 ± 10.83 |
| Age Category |  |
| 21-30 | 9 (6.1%) |
| 31-40 | 19 (13%) |
| 41-50 | 45 (31%) |
| 51-60 | 51 (35%) |
| 61-70 | 22 (15%) |
| 71-80 | 1 (0.7%) |
| Gender |  |
| Female | 38 (26%) |
| Male | 109 (74%) |
| Occupation |  |
| Civil Servant | 5 (13%) |
| Education | 5 (13%) |
| Engineering and Construction | 5 (13%) |
| Finance and Business | 9 (23%) |
| Healthcare | 1 (2.6%) |
| Legal | 1 (2.6%) |
| Military and Security | 5 (13%) |
| Others | 3 (7.7%) |
| Religious and Spiritual | 3 (7.7%) |
| Retired | 2 (5.1%) |
| 1Mean ± SD; n (%) | |

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| **Characteristic** | **N = 147**1 |
| --- | --- |
| Prolonged Analgesic Use | 7 (4.8%) |
| History of Alcohol Use | 73 (50%) |
| History of Tobacco Use | 16 (11%) |
| Cardiovascular Disorders | 142 (97%) |
| Metabolic Disorders | 50 (34%) |
| Autoimmune Disorders | 5 (3.4%) |
| Gastrointestinal Disorders | 1 (0.7%) |
| Infectious Diseases | 18 (12%) |
| Neurological Conditions | 3 (2.0%) |
| Other.CormobiditiesNil | 105 (71%) |
| Non-Renal Genetic Disorders | 2 (1.4%) |
| Oncological Conditions | 1 (0.7%) |
| Renal Disorders | 9 (6.1%) |
| Respiratory Disorders | 1 (0.7%) |
| Urological Conditions | 2 (1.4%) |
| 1n (%) | |

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| **Characteristic** | **N = 147**1 |
| --- | --- |
| Femoral Vein | 82 (56%) |
| Subclavian Vein | 5 (3.4%) |
| Internal Jugular Vein | 142 (97%) |
| Time Spent on Dialysis (months) | 12.14 ± 11.33 |
| Complications During Hemodialysis |  |
| Infection | 3 (2.0%) |
| Nil | 140 (95%) |
| Renal artery stenosis | 1 (0.7%) |
| Renal artery thrombosis | 1 (0.7%) |
| Renal vein thrombosis | 2 (1.4%) |
| Complications During Surgery |  |
| Aneurysm formation | 2 (1.4%) |
| Nil | 144 (98%) |
| Vascular adhesions | 1 (0.7%) |
| Renal Transplant Outcome |  |
| delayed graft rejection | 13 (8.8%) |
| Infection | 2 (1.4%) |
| mortality | 4 (2.7%) |
| survival with no complications | 128 (87%) |
| Graft Survival at 1 Year | 116 (81%) |
| Graft Survival at 3 Years | 90 (68%) |
| Deceased | 13 (8.8%) |
| 1n (%); Mean ± SD | |

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| **Characteristic** | **0**, N = 51 | **1**, N = 1421 | **p-value**2 |
| --- | --- | --- | --- |
| Graft.survival.at.1.year | 3 (2.6%) | 113 (97%) | 0.2 |
| Unknown | 0 | 4 |  |
| Graft.survival.at.3.years | 2 (2.2%) | 88 (98%) | 0.6 |
| Unknown | 1 | 13 |  |
| Deceased | 2 (15%) | 11 (85%) | 0.062 |
| 1n (%) | | | |
| 2Fisher's exact test | | | |

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| **Characteristic** | **0**, N = 971 | **1**, N = 501 | **p-value**2 |
| --- | --- | --- | --- |
| Graft.survival.at.1.year | 78 (67%) | 38 (33%) | 0.3 |
| Unknown | 4 | 0 |  |
| Graft.survival.at.3.years | 59 (66%) | 31 (34%) | >0.9 |
| Unknown | 10 | 4 |  |
| Deceased | 6 (46%) | 7 (54%) | 0.13 |
| 1n (%) | | | |
| 2Pearson's Chi-squared test; Fisher's exact test | | | |

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| **Characteristic** | **No**, N = 51 | **Yes**, N = 1421 | **p-value**2 |
| --- | --- | --- | --- |
| Graft.survival.at.1.year | 5 (4.3%) | 111 (96%) | 0.6 |
| Unknown | 0 | 4 |  |
| Graft.survival.at.3.years | 3 (3.3%) | 87 (97%) | >0.9 |
| Unknown | 1 | 13 |  |
| Deceased | 0 (0%) | 13 (100%) | >0.9 |
| 1n (%) | | | |
| 2Fisher's exact test | | | |

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| **Characteristic** | **No**, N = 651 | **Yes**, N = 821 | **p-value**2 |
| --- | --- | --- | --- |
| Graft.survival.at.1.year | 56 (48%) | 60 (52%) | 0.014 |
| Unknown | 3 | 1 |  |
| Graft.survival.at.3.years | 47 (52%) | 43 (48%) | 0.008 |
| Unknown | 6 | 8 |  |
| Deceased | 5 (38%) | 8 (62%) | 0.7 |
| 1n (%) | | | |
| 2Pearson's Chi-squared test | | | |

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| **Characteristic** | **No**, N = 1421 | **Yes**, N = 51 | **p-value**2 |
| --- | --- | --- | --- |
| Graft.survival.at.1.year | 111 (96%) | 5 (4.3%) | 0.6 |
| Unknown | 4 | 0 |  |
| Graft.survival.at.3.years | 87 (97%) | 3 (3.3%) | >0.9 |
| Unknown | 13 | 1 |  |
| Deceased | 13 (100%) | 0 (0%) | >0.9 |
| 1n (%) | | | |
| 2Fisher's exact test | | | |

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## Warning: glm.fit: algorithm did not converge

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## Warning in regularize.values(x, y, ties, missing(ties), na.rm = na.rm):  
## collapsing to unique 'x' values

## ✖ `Fem.V`, `SubC.V`, and `IJV` terms have not been found in `x`.  
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| **Characteristic** | **log(OR)**1 | **95% CI**1 | **p-value** |
| --- | --- | --- | --- |
| Age Category |  |  |  |
| 21-30 | — | — |  |
| 31-40 | -1.3 | -4.4, 0.80 | 0.3 |
| 41-50 | -0.39 | -3.4, 1.7 | 0.7 |
| 51-60 | -0.85 | -3.9, 1.2 | 0.5 |
| 61-70 | -1.4 | -4.5, 0.76 | 0.3 |
| 71-80 | -36 |  | >0.9 |
| Gender |  |  |  |
| Female | — | — |  |
| Male | -0.82 | -2.0, 0.19 | 0.13 |
| Prolonged Analgesic Use |  |  |  |
| No | — | — |  |
| Yes | 0.11 | -2.1, 3.2 | >0.9 |
| History of Alcohol Use |  |  |  |
| No | — | — |  |
| Yes | 0.43 | -0.47, 1.4 | 0.4 |
| History of Tobacco Use |  |  |  |
| No | — | — |  |
| Yes | 16 | -32, 322 | >0.9 |
| Cardiovascular Disorders | 0.83 | -1.3, 2.8 | 0.4 |
| Metabolic Disorders | -0.05 | -1.0, 0.92 | >0.9 |
| 1OR = Odds Ratio, CI = Confidence Interval | | | |

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## ✖ `Age\_category`, `Gender`, `Prolonged.analgesic.use`, `hx.of.alcohol`, `hx.of.tobacco`, `Cardiovascular\_Disorders`, and `Metabolic\_Disorders` terms have not been found in `x`.  
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| **Characteristic** | **log(OR)**1 | **95% CI**1 | **p-value** |
| --- | --- | --- | --- |
| Femoral Vein |  |  |  |
| No | — | — |  |
| Yes | -0.89 | -1.8, -0.04 | 0.047 |
| Subclavian Vein |  |  |  |
| No | — | — |  |
| Yes | 16 | -172, NA | >0.9 |
| Internal Jugular Vein |  |  |  |
| No | — | — |  |
| Yes | -16 |  | >0.9 |
| Time.Spent.on.dialysis..months. | -0.04 | -0.08, 0.00 | 0.041 |
| 1OR = Odds Ratio, CI = Confidence Interval | | | |

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| **Characteristic** | **log(OR)**1 | **95% CI**1 | **p-value** |
| --- | --- | --- | --- |
| Age Category |  |  |  |
| 21-30 | — | — |  |
| 31-40 | 0.52 | -1.2, 2.3 | 0.5 |
| 41-50 | 0.76 | -0.77, 2.4 | 0.3 |
| 51-60 | 0.98 | -0.57, 2.6 | 0.2 |
| 61-70 | 1.0 | -0.69, 2.8 | 0.2 |
| 71-80 | -16 |  | >0.9 |
| Gender |  |  |  |
| Female | — | — |  |
| Male | -0.61 | -1.5, 0.22 | 0.2 |
| Prolonged Analgesic Use |  |  |  |
| No | — | — |  |
| Yes | -0.03 | -1.8, 2.0 | >0.9 |
| History of Alcohol Use |  |  |  |
| No | — | — |  |
| Yes | 0.01 | -0.75, 0.78 | >0.9 |
| History of Tobacco Use |  |  |  |
| No | — | — |  |
| Yes | 1.7 | 0.20, 3.6 | 0.047 |
| Metabolic Disorders | -0.12 | -0.94, 0.69 | 0.8 |
| Cardiovascular Disorders | 0.81 | -1.1, 2.9 | 0.4 |
| 1OR = Odds Ratio, CI = Confidence Interval | | | |

## ✖ `Age\_category`, `Gender`, `Prolonged.analgesic.use`, `hx.of.alcohol`, `hx.of.tobacco`, `Cardiovascular\_Disorders`, and `Metabolic\_Disorders` terms have not been found in `x`.  
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| **Characteristic** | **log(OR)**1 | **95% CI**1 | **p-value** |
| --- | --- | --- | --- |
| Femoral Vein |  |  |  |
| No | — | — |  |
| Yes | -0.86 | -1.6, -0.16 | 0.017 |
| Subclavian Vein |  |  |  |
| No | — | — |  |
| Yes | 0.01 | -1.9, 2.2 | >0.9 |
| Internal Jugular Vein |  |  |  |
| No | — | — |  |
| Yes | -0.61 | -2.8, 1.3 | 0.5 |
| Time.Spent.on.dialysis..months. | -0.03 | -0.06, 0.01 | 0.12 |
| 1OR = Odds Ratio, CI = Confidence Interval | | | |