**Supplementary Appendix**

Univariate and Multivariate regression analyses of predictors of high-voltage lead failure

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| **Univariate binary logistic regression analysis** | | | |
| **Variable** | **Odds ratio** | **95% CI** | ***P-value*** |
| Female gender | 5.522 | 1.46-20.884 | 0.012 |
| Age | 0.967 | 0.922-1.014 | 0.161 |
| Body mass index | 1.123 | 1.011-1.246 | 0.03 |
| Hypertension | 6.769 | 0.842-54.445 | 0.072 |
| Diabetes mellitus | 0.795 | 0.163-3.865 | 0.776 |
| Total number of leads | 0.773 | 0.095-6.297 | 0.81 |
| ICD lead cephalic access | 2.996 | 0.372-24.13 | 0.303 |
| **Multivariate regression analysis** | | | |
| **Variable** | **Odds ratio** | **95% CI** | ***P-value*** |
| Female gender | 6.625 | 1.477-29.724 | 0.014 |
| Hypertension | 7.52 | 0.876-64.593 | 0.066 |
| Body mass index | 1.104 | 0.987-1.235 | 0.084 |
| ICD lead cephalic access | 2.8 | 0.331-23.74 | 0.344 |