**Appendix 1**

Additional characteristics of STEMI patients who suffered VF/VT arrest while in paramedic care.

CAD = coronary artery disease, HTN = hypertension, CHF = congestive heart failure, ACP = advanced care paramedic, PCP = primary care paramedic, BMV = bag-mask ventilation, OPA = oropharyngeal airway.

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| --- | --- | --- | --- | --- | --- | --- |
| Patient ID | “Pads-on” protocol | Comorbidities | Type of paramedic crew | Airway intervention | Epinephrine given | Number of defibrillation attempts |
| 1 | N | None | ACP | BMV | N | 1 |
| 2 | N | CAD, HTN, dyslipidemia | PCP | OPA/BMV | N | 1 |
| 3 | N | CAD, CHF, HTN, dyslipidemia | ACP | BMV | N | 1 |
| 4 | N | Dyslipidemia | PCP | OPA/BMV | N | 1 |
| 5 | N | None | ACP | None | N | 1 |
| 6 | N | Obesity, HTN | ACP | None | N | 2 |
| 7 | N | HTN | PCP | None | N | 1 |
| 8 | Y | None | PCP | None | N | 2 |
| 9 | Y | None | PCP | None | N | 1 |
| 10 | Y | Cigarette smoking | PCP | None | N | 1 |
| 11 | Y | Cigarette smoking | PCP | BMV | N | 1 |