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How you want to be treated.

· ST. PAUL'S HOSPITAL

PROVIDENCE HEALTH CARE

**The St. Paul’s Hospital ECPR Service for Out-Of-Hospital Cardiac Arrest**

**REPORT CARD**

***Objective****:* To Improve the survival of patients in the community with sudden unexpected cardiac arrest

***ECPR Service Goal:*** EMS On-scene Arrival time to ECPR flows < 60-75 minutes

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| --- | --- |
| **Patient Characteristics** |  |
| Provincial Health Number | 100382427 |
| Age |  |
| Date of arrest |  |
| Initial arrest rhythm |  |
| Bystander CPR |   |
| Arrest witnessed? (No vs Bystander vs EMS) |  |
| Presumed cause of arrest |  |
| **Preparation** |  |
| Was the protocol initiated pre-hospital? |  |
| Were all ED pre-arrival tasks completed? |  |
| Did the activation fit criteria? |  |
| **Time Intervals\*** |  |
| EMS on-scene arrival to: | ED notification (goal < 15 min) |  |
|  | ED arrival (goal < 30 min) |   |
|  | ECMO flows (goal < 60-75 min) |  |
| ED Arrival to: | Femoral Access (goal < 15 min) |  |
|  | ECMO flows (goal < 30 min) |  |
| ECMO flow to angiogram (goal < 60 min) |  |
| Time family provided updated  |  |
| **Clinicians** |
| ALS Paramedics |  |
| ED Nurses |  |
| ED Physicians |  |
| CV Surgeons (s) |  |
| Perfusionist (s)  |  |
| Social Worker  |  |
| Interventional Cardiologist |  |
| Cardiac Anesthesiologist |  |
| Intensivists(s) |  |

**\* Basic Time Interval Goals Scheme:** EMS-Arrival (time 0) → EMS call ED & code-ECPR activated (goal<15min) → Pt arrival in ED (goal<30 min) → Fem vessels have been cannulated (goal<45 min) → ECMO flows established (goal<60-75 min)

**CASE DESCRIPTION**

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**AREAS FOR IMPROVEMENT**

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**WHAT WENT WELL**

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**Event analysis**

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| Problem identified  | Problem impact  | Ideas for improvement  |
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**References:**