GoodSAM

Trusted Responders

Mike Ray

GoodSAM Project Manager – Ambulance Victoria
Victorian OHCA System of Care

► Cardiac Arrest Registry
  • Underpins research and continuous improvement
  • Annual reporting to community

► Evidence based clinical practice guidelines
  • Transport to PCI capable hospital where available

► Response Framework
  • Clinical Response Model
  • Partnerships: EMR, PAD, RAN

► Community Education
  • 4 Steps for Life +

► Dispatcher Assisted Telephone CPR

► AED Registry

► Community Responder App
  • GoodSAM
Call to Action

95%

61%

9.2 mins

86%

4%

26%
Rethinking the Chain of Survival

Deakin, C. *The Chain of Survival: Not all links are equal*. Resuscitation. 2018;126:80-82
Cardiac Arrest

A Community Problem
A Community Response

Caller instructed in CPR
Emergency Service Dispatch
GoodSAM System Activated
**Event selection methodology**

- High accuracy for cardiac arrest
- High likelihood of attempted resuscitation by Paramedics
- Maximise number of cardiac arrests captured by program
- Minimise exposure to:
  - Scene safety issues
  - Highly traumatic or stressful events

<table>
<thead>
<tr>
<th>GoodSAM Alert Types</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9E1</td>
<td>CARDIAC OR RESP ARREST/DEATH: ?WORKABLE ARREST, NOT BREATHING AT ALL</td>
</tr>
<tr>
<td>9E2</td>
<td>CARDIAC OR RESP ARREST/DEATH: ?WORKABLE ARREST, BREATHING UNCERTAIN</td>
</tr>
<tr>
<td>9D1</td>
<td>CARDIAC OR RESP ARREST/DEATH: INEFFICENT BREATHING</td>
</tr>
<tr>
<td>12D1</td>
<td>CONVULSION/SEIZURES: NOT BREATHING</td>
</tr>
<tr>
<td>12D1E</td>
<td>CONVULSION/SEIZURES: NOT BREATHING (EPILEPTIC/PHX)</td>
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<tr>
<td>14D1</td>
<td>DROWNING/DIVING, UNCONSCIOUS OR ARREST</td>
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</tbody>
</table>

Selected cases represent ~80% of all cardiac arrests attended by AV
Good Governance for Great Results

► Trusted Responder Code of Conduct

► Automated workflows based on AMPDS Event Type

► Integration with existing Dispatch workflows

► Exclusions:
  • Inappropriate location
  • Inappropriate patient
  • Scene Safety & Occupational Violence
Post-Event Care

Looking after our People
► Responder telephone follow-up
► Additional support provided as required

A Connected Health System
► AED Data retrieval
► Recommission AED
Partnerships are key
Communication approach

**AED registration**
Engage defib owners to register device locations with us

**Responder recruitment**
Invite our workforce and verified partners to sign up to the app

**Public launch**
Drive community awareness & support for GoodSAM

**Patient stories**

[Images of people smiling and happy]
Results

860
defibs added to
our AED registry

33%
of AV workforce
signed up

3,500
verified partner
responders and
growing

740
pieces of media
coverage

110M+
total media reach
Making a Difference

20 GoodSAM alerts every day

860 Responders notified

168 GoodSAM responses

41 Responders provided care
The Future?