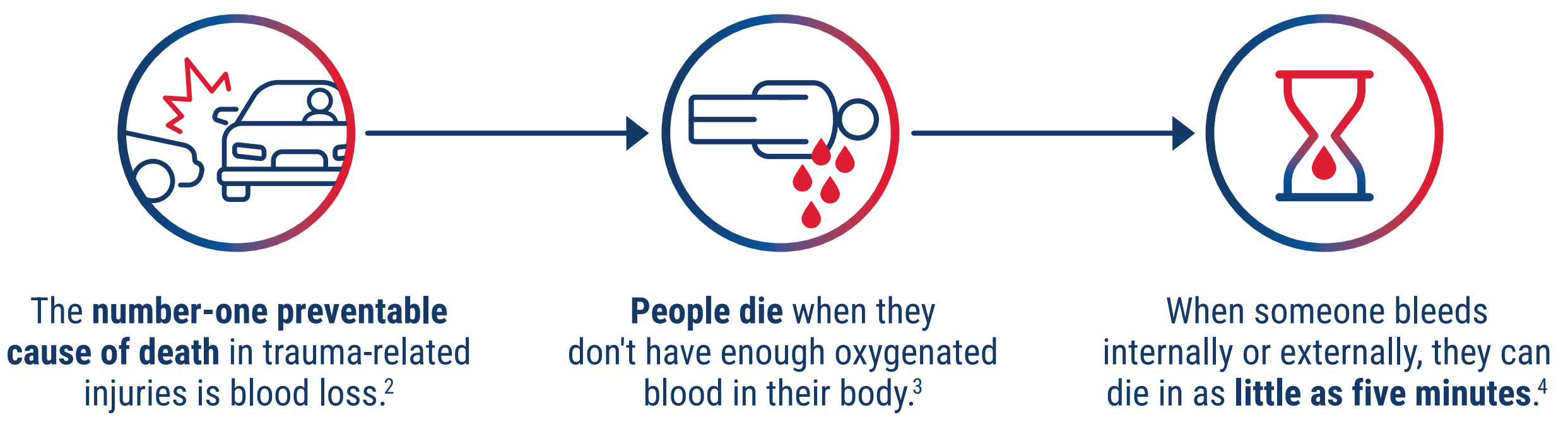


# POST-CRASH CARE COUNTERMEASURES: HOW TO SAVE MORE LIVES

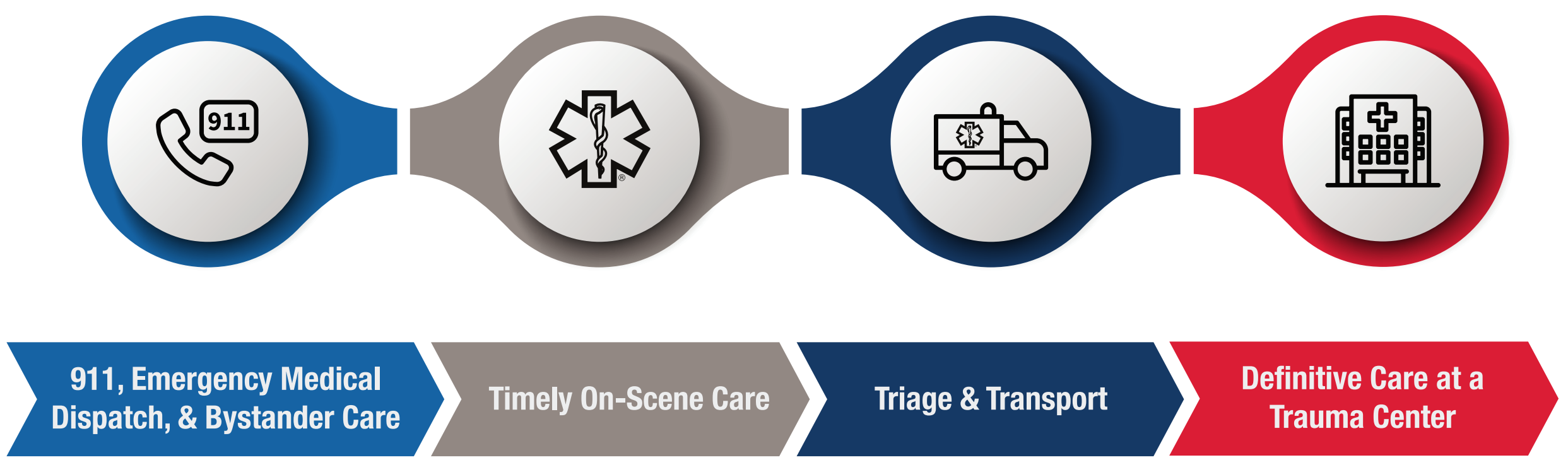
## THE PROBLEM



## WHY PEOPLE DIE IN A CRASH



## SEAMLESS CARE IMPROVES SURVIVAL



## COUNTERMEASURES: 11 WAYS TO SAVE MORE LIVES ON THE ROAD

### 1. FIND THE CRASH.



**ADVANCED AUTOMATIC CRASH NOTIFICATION TO CENTERS**  
911 centers with optimal technology will receive crash location and severity information, which has the potential to **save 360 to 721 lives annually**.<sup>5</sup>



**GEOGRAPHIC INFORMATION SYSTEM (GIS) DATA AVAILABLE TO 911**  
911-standard compliant addressing **data provides telecommunicators exact crash and caller location** to inform the most efficient dispatch of first responders.

### 2. CARE FOR THE VICTIM.



**CALL-TAKING PROTOCOLS**  
Just **43% of 911 centers** follow Emergency Medical Dispatch protocols, which guide telecommunicators to both dispatch the appropriate emergency responders and help callers provide immediate care before help arrives.<sup>6</sup>



**PREHOSPITAL BLOOD TRANSFUSION**  
Severe blood loss is the **leading cause of preventable death** in trauma cases, and nearly half of patients die before they reach the hospital. Prehospital blood transfusion is proven to **reduce mortality by 37%** among trauma patients.<sup>2</sup>



**BYSTANDER CARE**  
Witnesses to a crash can **quickly provide lifesaving care**, such as applying a tourniquet,<sup>2</sup> using an AED or delivering CPR.



**RAPID EXTRICATION**  
Crash victims who are trapped in a vehicle are **more likely to die** and have time-critical injuries requiring intervention.<sup>7</sup>

### 3. GET TO THE RIGHT HOSPITAL.



**TRANSPORT VICTIMS TO APPROPRIATE CARE ACCORDING TO NATIONAL FIELD TRIAGE GUIDELINES.**  
Organized trauma care systems **reduce mortality from motor vehicle crashes by 8%**.<sup>8</sup>

### 4. IMPROVE POST-CRASH CARE.



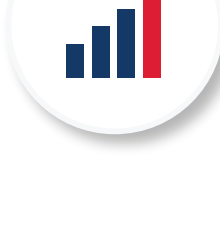
**HIGHWAY SAFETY PLANNING THAT INCLUDES POST-CRASH CARE**  
By working together on strategies that improve prehospital care, EMS agencies and State Highway Safety Offices can **reduce the number of motor-vehicle crash fatalities**.<sup>9</sup>



**FULLY STAFFED AND RESOURCED 911 AND EMS SYSTEMS**  
**More than half of 911 centers**<sup>11</sup> and many EMS systems<sup>12</sup> are experiencing a staffing crisis.



**TRAFFIC INCIDENT MANAGEMENT (TIM) TRAINING FOR 911 & EMS**  
**Approximately 30% of EMS professionals** were TIM-trained by 2022.<sup>10</sup>



**APPLYING DATA FOR CONTINUOUS IMPROVEMENT**  
**Access EMS crash data** through the National EMS Information System (NEMSIS) database to identify problems and opportunities for improvement and prevention.

FOR MORE INFORMATION ABOUT PREHOSPITAL BLOOD TRANSFUSION GO TO [EMS.GOV](https://www.ems.gov).

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