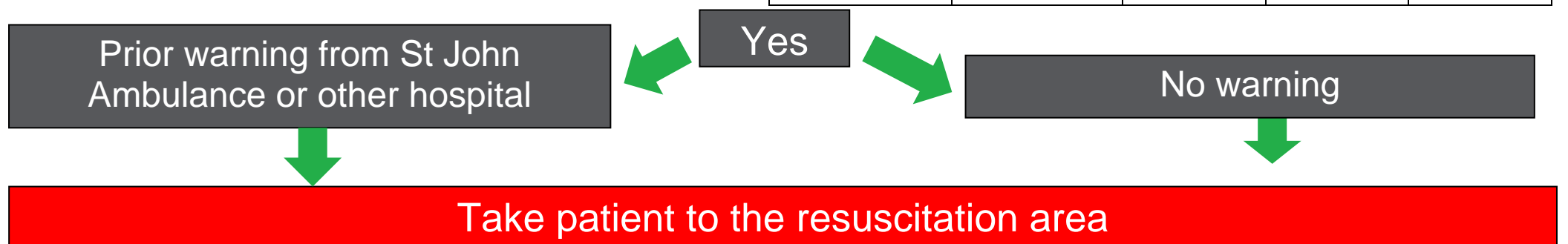




## Major trauma management pathway

Does the patient meet any of the major trauma criteria within the last 24 hours?

A. Mechanism of injury criteria	B. Injury criteria	C. Vital signs criteria (unstable patient)				
<b>Major trauma is any one of these are present:</b> 1. MCV – speed of over 60 km/hr 2. MVC – patient ejected 3. MVC – another person died 4. MVC – patient trapped for more than 30 minutes 5. MVC – roll over 6. Pedal cyclist hit by vehicle 7. Pedestrian hit by vehicle 8. Fall from height of over 3 metres	<b>Major trauma if any one of the following are present:</b> 1. All penetrating injuries to <b>ANY</b> of the following: head, neck, chest, abdomen, pelvis, axilla, groin 2. Patients with significant blunt injury to <b>ANY</b> of: head, neck, chest, abdomen, pelvis, axilla, groin 3. <b>Specific injuries:</b> a. Limb amputations proximal to wrist/ankle b. Crush injury of a limb proximal to wrist/ankle c. Spinal cord injury (motor or sensory loss) d. Burns over 20% BSA e. Burns – suspected airway involvement f. Major compound fracture or open dislocation g. Fracture to 2 or more of the following: femur, tibia, humerus h. Fractured pelvis	<b>Major trauma if any of the following are present:</b>				
			<b>Newborn: Under 1 month</b>	<b>Infant: 1 – 12 months</b>	<b>Young child: 1 – 8 years</b>	<b>Older child: 9 -15 years</b>
		<b>1. Heart rate (bpm)</b>				
		<b>Upper limit</b>	Over 170	Over 170	Over 130	Over 100
		<b>Lower limit</b>	Under 100	Under 90	Under 75	Under 65
		<b>2. Systolic BP</b>				
		<b>Upper limit</b>	Under 50mmHg	Under 60mmHg	Under 70mmHg	Under 80mmHg
		<b>3. Respiratory rate</b>				
		<b>Upper limit</b>	Over 60	Over 50	Over 35	Over 25
		<b>Lower limit</b>	Under 40	Under 20	Under 20	Under 15
		<b>4. Conscious state</b>				
		<b>GCS</b>			Under 14	Under 14
		<b>AVPU</b>	P or U	P or U	P or U	P or U
		<b>5. Oxygen stats in R/A</b>				
		<b>Upper limit</b>	Under 90%	Under 90%	Under 90%	Under 90%
		<b>6. Skin</b>				
		<b>Upper limit</b>	Cold/pale or clammy	Cold/pale or clammy	Cold/pale or clammy	Cold/pale or clammy



How to activate a trauma call	
Ask ED clerk to carry out the following:	
1. Make trauma call on Vocera Web Console Messaging (Trauma Call Template)	
2. Phone Surgical Registrar via Vocera or via Switchboard	
3. Contact other personnel if required: i.e. Orthopaedics, Neurosurgery, Social Worker or Chaplain	
4. Ring ED Consultant through Switch, if the ED Consultant is not in the ED.	
Trauma team personnel attending on trauma activation	
1. Emergency Registrar	4. ED Clinical Nurse Manager
2. PCC Registrar	5. Hospital Nurse Manager
3. Anaesthetic registrar or consultant	6. Radiographer
Surgical registrar is also on trauma team and is called via Vocera or mobile phone. If the surgical registrar is not available, contact the Surgical Consultant via switchboard.	
ED Team Leader (consultant or registrar) runs the trauma unless they decide to defer to another senior team member (eg. PCC Consultant).	

