



**TRAUMA - RADIOGRAPHER RESPONSE TO EMERGENCY DEPARTMENT TRAUMA ACTIVATION – ST GEORGE HOSPITAL**

<b>1. Purpose</b>	Guidelines for Radiographer response to Emergency Department (ED) Trauma activation. This business rule is to be used during Trauma Team activations. The ED Radiographer is an essential part of the Trauma Team. This business rule details the process and suggested timeline for attendance at Trauma Team activations
<b>2. Risk Rating</b>	Low
<b>3. National Standards</b>	1 – Clinical Governance 5 – Comprehensive Care 6 – Communicating for Safety 8 – Recognising and Responding to Acute Deterioration
<b>4. Employees it Applies to</b>	Emergency Department Radiographer. Trauma Team Leader

**5. PROCESS**

- The radiographers at St George Hospital carry a pager which will notify the presence, or imminent arrival, of trauma patients to the ED.
- A two tiered trauma call system operates at St George Hospital:

**TIER 1 TRAUMA TEAM REQUIRED:** The Radiographer is requested to attend the Resuscitation Area on receiving the alert and notify the Team Leader on arrival. The Team Leader will advise which x-rays are needed (usually CXR and PXR), and whether a Trauma Pan Scan is indicated. The requested x-rays will be ordered on Powerchart. Once an MRN is known/prior to a patient being registered into eMR a CXR and PXR may be performed prior to an order being entered onto eMR if imaging is considered an emergency. (Authorisation - Dr D Glenn, Head, Department of Radiology).

**During resuscitation:**

Extended Focussed Sonography Assessment in Trauma (eFAST) is now an essential part of the initial resuscitation phase and primary survey of a critically injured patient. While eFAST is performed, it may not be immediately possible for the Radiographer to perform x-rays. Mindful of the heavy workload in the ED Radiology Service, and given its co-location with the Resuscitation Area, the Radiographer may notify the Team Leader of the need to continue with other work, but should be prepared to return to the Resuscitation Bay on request.

**Stand down**

Once x-rays have been reviewed by the Team Leader, the Radiographer should ask whether further imaging is required in the Resuscitation Bay. If no further x-rays are needed then the Radiographer may return to the Radiology area. If subsequent mobile x-rays are needed while the patient remains in Resuscitation (E.g. long bones, post ICC CXR) the Radiographer will be requested following an order on eMR to return to ED. Otherwise, imaging orders will be entered into Powerchart for x-rays which can be performed in the ED Radiology Department.

**TIER 2 TRAUMA STANDBY:** ED will page the on call Radiographer and notify them of the location of the patient and the required x-rays.



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<b>6. Cross References</b>	<a href="#"><u>SGH CLIN372 Trauma Triage Activation Criteria – St George Hospital</u></a>
<b>7. Keywords</b>	Trauma, Radiographer response, Trauma Team activation
<b>8. Document Location</b>	SGH Trauma Page
<b>9. External References</b>	Murphy, F. Major trauma, TARN and the role of the radiographer Synergy; Apr 2011; Health Research Premium Collection
<b>11. Implementation and Evaluation Plan</b>	<b>Implementation:</b> The document will be published on the SGH-TSH business rule webpage and distributed via the monthly SGH-TSH CGD report <b>Evaluation:</b> Via the SGH Trauma Team
<b>12. Knowledge Evaluation</b>	<b>Q1:</b> What are the 2 types of trauma page that may be activated? A1: 'Trauma team required' and 'Trauma team standby' <b>Q2:</b> What is the responsibility of the radiographer during activation of each of these pages? A2: When a 'Trauma Team Required' page is received the radiographer is to attend the ED Resuscitation room. If 'Trauma Team Standby' is received, the ED will page the radiographer to request the appropriate x-rays. <b>Q3:</b> Once an MRN is known or prior to a patient being registered into eMR a CXR and PXR may be performed prior to an order being entered onto eMR in what circumstance? A3: Only if imaging is considered an emergency, otherwise an eMR order must be done first
<b>13. Who is Responsible</b>	Dr Mary Langcake (Director of Trauma SGH)

<b>Approval for: TRAUMA - RADIOGRAPHER RESPONSE TO EMERGENCY DEPARTMENT TRAUMA ACTIVATION – ST GEORGE HOSPITAL</b>	
<b>Specialty/Department Committee</b>	Network Trauma Committee Chairperson: Sarah O'Hare SESLHD CNC Trauma & P.A.R.T.Y. Date: 03.11.2021
<b>Nurse Manager (SGH)</b>	Hayley Smithwick, NM Critical Care Date: 03.11.2021
<b>Medical Head of Department (SGH)</b>	Dr Mary Langcake, Director of Trauma Date: 03.11.2021
<b>Executive Sponsor</b>	Andrewina Piazza-Davies A/Operations Manager Date: 03.11.2021
<b>Contributors to CIBR</b>	<b>Contribution:</b> Dr D Glenn, Head, Department of Radiology



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	<p><b>Consultation:</b>  Rochelle Cummins ED CNC SGH  Sarah O'Hare SESLHD CNC Trauma &amp; P.A.R.T.Y  Lexie Avery Senior Radiographer SGH  Network Trauma Committee Members (SGH staff only)</p>
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Revision and Approval History				
Revision Date	Revision number	Reason	Coordinator/Author (Position)	Revision Due
Aug 2011	0		CNC Trauma SGH	Aug 2014
Nov 2021	1	Review: Major	Mary Langcake, Director of Trauma	Nov 2026

General Manager's Ratification	
Name: Paul Darcy (SGH)	Date: 26.11.2021