**SILVER TRAUMA ACTIVATION CRITERIA (STAC)**

**The purpose of the STAC tool is to improve the prospective identification of serious injuries in patients over 70 who have had *lower* energy mechanisms of injury. The STAC tool accompanies the traditional trauma team activation protocol which, if fulfilled, should trigger a trauma call as usual.**

Use the STAC tool

**Has there been a low energy mechanism of injury\*?**

**Is the patient over 70?**

**YES**  **YES**

**No clear mechanism, but injury identified on any imaging. Re-screen patient**

**STAC TOOL**

**STAC TOOL**

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| --- | --- | --- |
| **PHYSIOLOGY**  *Any of the following*  Systolic BP < 110mmHg  Pulse > 100 BPM  RR > 20  GCS < 15 (even if baseline)  Lactate > 2  Patient on anticoagulants | **\*MECHANISM**  Road Traffic Collision (*any* mechanism and *any* velocity of impact)  Fall downstairs (any number of steps)  Fall from standing **with an associated anatomical injury** (see next box ) | **ANATOMY**  Significant external craniofacial trauma or clinical suspicion of an intracranial injury  Suspicion of a neck injury  Tenderness over chest wall  Tenderness of abdomen  Severe swelling or deformity to a limb  Injury to 2 more body regions |

**Immediate ED Consultant or Registrar (ST4+ or equivalent) review. Trauma Call (document if decision not to activate) or, at the discretion of the ED Consultant, a Trauma Assessment (a primary ‘ABCDE’ assessment conducted by an ST4+ doctor with an ED nurse). Always adopt a low threshold for Pan CT (as per Pan London Elderly Trauma Guidance).**