

Supplementary Table. Initial evaluation of injured patient based on level of resource availability

Body region	Resource rich	Resource constrained	Resource poor
Head/face	<ul style="list-style-type: none"> CT Head/face 	<ul style="list-style-type: none"> LoC and/or GCS<15: Head CT No LoC & GCS=15: Follow clinically with Head CT for clinical deterioration 	<ul style="list-style-type: none"> GCS<14: Head CT* GCS 14/15: Follow clinically with head CT for clinical deterioration <p>*If no CT available, consider transfer</p>
Thorax	<ul style="list-style-type: none"> Chest X ray with Chest CT 	<ul style="list-style-type: none"> Chest X ray <ul style="list-style-type: none"> Abnormal: consider chest CT Normal: Observe 	<ul style="list-style-type: none"> Chest X ray <ul style="list-style-type: none"> Aortic injury suspected: CTA chest* Aortic injury not suspected: Observe <p>*If strong suspicion of aortic injury, & no CT available, consider transfer</p>
Abdomen/pelvis	<ul style="list-style-type: none"> CT Abdomen/pelvis 	<ul style="list-style-type: none"> eFAST and pelvic X ray <ul style="list-style-type: none"> FAST positive: CT abdomen/pelvis FAST Negative: Observe 	<ul style="list-style-type: none"> eFAST & Pelvic X ray FAST positive: DPL for HVI* FAST Negative: Observe <p>*HVI: WBC to RBC ratio in lavage vs peripheral blood>1</p>
Spine	<ul style="list-style-type: none"> CT cervical spine & thoracolumbar spine (part of torso CT) 	<ul style="list-style-type: none"> X ray of entire spine <ul style="list-style-type: none"> X ray abnormal: CT of area X ray normal: Observe 	<ul style="list-style-type: none"> Awake/cooperative: thorough clinical examination <ul style="list-style-type: none"> Examination abnormal: X ray* Examination normal: Observe Unconscious/un-cooperative: X ray* <p>*Will likely need transfer if X ray abnormal</p>
Extremities	<ul style="list-style-type: none"> Thorough clinical examination & X rays for any abnormalities. CT scan for treatment planning specially for joints 	<ul style="list-style-type: none"> Thorough clinical examination & X rays for any abnormalities. CT scan for treatment planning specially for joints 	<ul style="list-style-type: none"> Thorough clinical examination & X rays for any abnormalities* <p>*Complex orthopaedic injuries especially involving joints will likely need transfer for treatment</p>
External	<ul style="list-style-type: none"> Thorough clinical examination. May need X ray and/or CT for suspicion of foreign objects 	<ul style="list-style-type: none"> Thorough clinical examination. May need X ray for suspicion of foreign objects 	<ul style="list-style-type: none"> Thorough clinical examination. May need X ray for suspicion of foreign objects

CT, computed tomography; LoC, loss of consciousness; GCS, Glasgow coma score; eFAST, extended focused abdominal sonogram for trauma; HVI, hollow viscus injury; WBC, white blood cell count; RBC, red blood cell count