

Appendix 1. Hospital based survey form

Pan-Asian Trauma Outcome Study (PATOS)

-Survey of your hospital and trauma care system-

Please check and/or fill in the appropriate details.

(text (t), single (s), multiple (m))

I. General Information

General Information		
1	Formal name of your country (t)	_____
2	Formal name of your hospital (t)	_____
3	Total number of ED visits in your hospital (t)	_____/year
4	Year of census of #3 (t)	_____
5	Urbanization of your community (m)	<input type="checkbox"/> ₁ Urban (2,500 ≥ habitants /km ²) <input type="checkbox"/> ₂ Suburban <input type="checkbox"/> ₃ Rural (2,500 ≤ habitants /km ²) <input type="checkbox"/> ₄ Wilderness
6	Your trauma center level (s)	<input type="checkbox"/> ₁ Designated trauma center <input type="checkbox"/> ₂ General hospital with emergency department <input type="checkbox"/> ₃ General hospital without emergency department
7	Your hospital level (s)	<input type="checkbox"/> ₁ Tertiary care hospital <input type="checkbox"/> ₂ Secondary care hospital <input type="checkbox"/> ₃ Primary care hospital

II. Structure and Process

Trauma Care		
1	Healthcare provider leader level for trauma patient in your hospital (m)	<input type="checkbox"/> ₁ Trauma surgeon <input type="checkbox"/> ₂ Emergency physician <input type="checkbox"/> ₃ General surgeon or department surgeon
2	Does a defined trauma team exist in the hospital? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
3	If yes, how many persons are in one trauma team? (t)	_____
4	If yes, does documented activation protocol for trauma team exist? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
5	Does a documented trauma care protocol exist in your ED? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
6	What is the highest hospital level for trauma patients in your country? (m)	<input type="checkbox"/> ₁ Designated trauma center <input type="checkbox"/> ₂ General hospital with emergency department <input type="checkbox"/> ₃ General hospital without emergency department
7	If designated trauma center exists, does a national accreditation and quality assurance program for designated trauma center exist? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
8	Does certification/license for trauma surgeons exist in your country? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
Trauma Education Program		
9	Do healthcare provider education programs or courses for specialized trauma practice (e.g., ATLS) exist? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
10	If education programs exist, does the course include knowledge and skills on operation practices? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No

11	If education programs exist, does the course include knowledge and skills on critical care practice? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
12	If education programs exist, it is mandatory for healthcare providers working at the hospital? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
13	If mandatory education programs exist in your hospital, who is the subject of the program? (m)	<input type="checkbox"/> ₁ Trauma surgeon <input type="checkbox"/> ₂ Emergency physician <input type="checkbox"/> ₃ General surgeon <input type="checkbox"/> ₄ Department surgeon <input type="checkbox"/> ₅ Nurse <input type="checkbox"/> ₆ EMT <input type="checkbox"/> ₇ Other
Trauma Registry		
14	Does a hospital-based trauma registry exist? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
15	If yes, when (which year) did the hospital based registry start? (t)	_____
16	Does the hospital-based trauma registry include prehospital information, in particular, specific care like intubation? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
17	Do hospital trauma reviews or audit programs exist? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
18	Is the hospital-based trauma registry linked with an EMS-based registry? (s)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₂ No
19	If yes, when (which year) did the linkage of registries begin? (t)	_____

III. Outcomes

Trauma Care		
1	Outcome survey year (t)	_____
2	Total number of ED visits in your hospital per year (t)	_____/year
3	Total number of trauma patients in your ED per year (t)	<input type="checkbox"/> ₉₉ Unknown _____/year
4	Number of trauma patients in your ED who survived to hospital discharge per year (t)	<input type="checkbox"/> ₉₉ Unknown _____/year
5	Total number of trauma patients transported by EMS in your ED per year (t)	<input type="checkbox"/> ₉₉ Unknown _____/year
6	Number of trauma patients transported by EMS in your ED who survived to hospital discharge per year (t)	<input type="checkbox"/> ₉₉ Unknown _____/year
7	Number of moderate trauma patients (ISS 9-15) per year (t)	<input type="checkbox"/> ₉₉ Unknown _____/year
8	Number of moderate trauma patients (ISS 9-15) who survived to hospital discharge per year (t)	<input type="checkbox"/> ₉₉ Unknown _____/year
9	Number of moderate-to-severe trauma patients (ISS 16-24) per year (t)	<input type="checkbox"/> ₉₉ Unknown _____/year
10	Number of moderate-to-severe trauma patients (ISS 16-24) who survived to hospital discharge per year (t)	<input type="checkbox"/> ₉₉ Unknown _____/year
11	Number of severe trauma patients (ISS >24) per year (t)	<input type="checkbox"/> ₉₉ Unknown _____/year
12	Number of severe trauma patients (ISS >24) who survived to hospital discharge per year (t)	<input type="checkbox"/> ₉₉ Unknown _____/year

IV. Responder Information

Information		
1	Survey year (t)	_____
2	Occupation or affiliation (m)	<input type="checkbox"/> 1 Trauma surgeon <input type="checkbox"/> 2 Emergency physician <input type="checkbox"/> 3 General surgeon <input type="checkbox"/> 4 Public Health Officer <input type="checkbox"/> 5 EMS Officer <input type="checkbox"/> 6 Hospital Officer <input type="checkbox"/> 7 Other (_____)