				Patient S	Stamp	Here:		
IAI (Intra-Abdominal Injury) Stu	ıdy:							
Kappa Form #2 (Inter-Observe	r Reliability	')						
Complete this form:								
On a convenience sample of e		s, blinded to th	e	If No Pat	tient S	tamp:		
evaluation of the primary phys Prior to reviewing CT (if obta	ained).		<u> </u>	PATIENT NAME:				
 Within 60 min of 1st observe Data Source: faculty or fellow physician 	er examination	ı .	į	MR #:			Date:	
Name of person completing this			!					
GENERAL INFORMATION								
Date of ED Evaluation		Time of	Evaluation (2	24 hour c	lock, ı	midnight =	: 00:00)	
			_	П.,				
/ / / (mm) (dd) (yyyy)	_		:_ nh) (mm)		knowr	1		
() (44) (7777)		ν.	, (,					
1 Hatama								
I. History 1. Injury Mechanism: (select of	only one m	echanism a	and answer a	II annron	riate :	sub auesti	ions)	_
inijary meenamem. (00/00/.	orny orne			п арргор				
Occupant in motor vehicle co	Ilision (MVC)	→ answer 1	1a – 1d below					
1a. If in MVC (√ all that apply).	☐ Ejected fro	om auto	Rollover De	eath in sam	e collisi	on No	ne of These	Unknown
1b. Speed of the MVC (patient's vehicle)	☐ Speed < 3	20 mph	Speed 20 - 4	40 mph	□sp	peed > 40 mp	h Speed u	ınknown
1c. Was the patient restrained?	T		☐ Yes → ans	wer 1d	□ No	0	Unknow	'n
1d. Type of restraint system:	☐ Lap and sl	houlder harnes	s	t only		Shoulder	harness only	
ru. Type of restraint system.	☐ Infant ca	r seat	Booster	car seat		Unknown	restraint system	
☐ Fall from an elevation → Estir	nate height in fe	et:		☐ 3-10 f	ft	□ > 10 ft	Unknown	1
☐ Fall down stairs → Estimate n	umber of stairs	: 5 or le	ess	☐ 6-15		□ > 15	Unknow	ı
Pedestrian or bicyclist struc	k by moving	vehicle $ ightarrow$ an	swer 1e and 1f	below				
1e. Speed of moving vehicle:		□ < 5-mph (p	patient bumped)	☐ 5 - 20 i	mph	□ > 20 mp	h Speed u	nknown
1f. Was patient run-over by mo	oving vehicle:	☐ Yes		□ No		Unknow	n	
☐ Bike collision or fall from bil	ke while ridin	g → answer 1	g below					
1g. Did handlebars strike the a	abdomen?	□Yes			lo		Unknow	า
☐ Driver or passenger in motor	cycle/ATV/mo	otorized scoo	oter collision					
☐ Object struck abdomen		☐ Inter	itional (Assault) Acc	cidenta	ı	Unknown inten	tionality
☐ Unknown mechanism								
Other mechanism (describe):_								

Lliat	orical avam	inatia	10 /10 00mi							
піѕі	orical exam	matic	on (i.e. com _l	Jiaiiilo	and Sym	ptoms				
Is the patient preverbal (unable to communicate because of limite verbal skills)?				ed	Yes	□No				
	oes patient comp nin?	lain of a	abdominal	Yes→ answer 2				□No	Unab	le to assess
2	a. Severity of a history:	abdomi	inal pain by	□ Mil	ld (1 – 3)	□ Мос	derate (4 – 6)	Severe	e (7 - 10)	Unkno
2	the Location of Physics Property in the Proper	abdom	ninal pain by	Diffe	use		Localized	Unknown		
3. Vo	•	g/Retching (at any time after injury)?			☐Yes		□No	Unknown		
4. Does patient complain of shortness of breath/difficulty breathing?				Yes		□No	☐ Unable to assess		S	
 Does the patient have a distracting painful injury? (injury causing significant pain that distracts patient freeliable abdominal exam; ex: femur fracture, dislocate laceration) 				from having ted joint, larg	a ge	□Yes	□No	□υ	Unable to as:	
	ntal Status	nt asse	essment was th	ne patient	t <i>intubate</i> o	r?		Yes		□No
1. Du	ıring your patie		essment was th				paralyzed?	☐ Yes		□ No
1. Du 2. Du	ıring your patie ıring your patie	ent asse		ne patient	t pharmaco	logically				_
1. Du 2. Du 3. Du	ring your patie ring your patie ring your patie	ent asse ent asse	essment was th	ne patient	t pharmaco t pharmaco	logically logically	sedated?	☐ Yes		□No
1. Du 2. Du 3. Du 4. Is t	uring your patie uring your patie uring your patie here a clinical su	ent asse ent asse uspicion re at th	essment was the essment was the for alcohol or one time of your	ne patient ne patient drug into	t pharmaco t pharmaco exication (no	logically logically t by labo	ratory testing)	☐ Yes☐ Yes? ☐ Yes		□ No □ No □ No
1. Du 2. Du 3. Du 4. Is t	uring your patie uring your patie uring your patie there a clinical su ow Coma Scottion in parenthes	ent asse ent asse uspicion re at th ses	essment was the essment was the for alcohol or one time of your	ne patient ne patient drug into	t pharmaco t pharmaco xication (no tion: Check	logically logically t by labo one num	ratory testing)	☐ Yes☐ Yes?☐ Yes	nfants <2 y	□ No □ No □ No vears use t
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IV. Physical Examination									
Thoracic Examination- (includes anterior or posterior portions of chest, including back)									
1. Evidence of thoracic trauma?	☐ Yes-	☐ Yes→answer 1a		□No					
1a. Select all abnormalities:	Abras	Abrasion Ecchym		Subc	utaneous air	Lac	ceration	Other	
1b. Were abnormalities primarily:	Anteri	Anterior chest		☐ Posterior chest		Both			
2. Thoracic tenderness	□Yes	□Yes □No			Unable to assess		ess		
3. Left costal margin tenderness (consists of tenderness to any of the ribs 7 - 12)	□Yes	□Yes			Unable to assess		sess		
4. Right costal margin tenderness (consists of tenderness to any of the ribs 7 - 12)	Yes	Yes			Unable	Unable to assess		ess	
5. Does the patient have absent/decreased sounds?	breath	ath Yes		□No			Unknown		
Does the patient have any abnormal che auscultation findings (rhonchi, crackles		? Yes		□No		Unknown		'n	
Abdominal Examination									
7. Evidence of abdominal wall trauma (on	visual in	al inspection)? ☐ Yes → answer 7a ☐ No				□No	lo 🗆 Unknown		
7a. Select all abnormalities? □ E	rythema	ma Abrasion Ecchymoses		Laceration		tion Other			
8. Is a seat belt sign present (continuous area abdomen secondary to a lap belt restraint)?	of erythema	a, contusion, or a	brasion a	asion across the Ye			s 🗆 No		
9. Does the patient have abdominal distention	?	☐Yes		□No		Unknown			
10. Are bowel sounds absent?		□Yes □No		Did no		ot listen for bowel sounds			
11. Does the patient have abdominal tenderness on palpation?		☐ Yes→ answer 11		a & 11b		□Ur	Unable to assess		
11a Degree of abdominal tenderness:		☐ Mild (1 – 3)		☐ Moderate (4 – 6)		☐ Severe (7 - 10)			
11b. Location of abdominal tenderness (check the most appropriate box):		☐ Diffuse ☐ Below the umbilic		Above the umb		ilicus Unknown			
12. Does the patient have peritoneal irritati (rebound or cough tenderness)?		☐ Yes ☐ No ☐ Unable t			e to ass				

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Flank & Pelvic Examination									
(Flank is defined as the area from the mid-axillary line to the spine and from the lower ribs to the pelvis)									
13. Does the patient have flank tenderness?		□No		Una	able 1	to asses	 SS		
14. Does the patient have pelvic bone tenderness on palpation?	☐ Yes→ ans	swer 14a	□No	Un		able 1	to asses	SS	
14a. Check all locations that are tender:	☐ Anterior superior iliac crests ☐ Superior pubis								
	☐ Inferior pubis ☐ SI joints ☐ Un				Unk	known			
15. Is the pelvis unstable to lateral or vertical compression?	□Yes		□No	□No			□Unk	nown	
Other Exam Findings									
16. Do you think that the patient has an injury that will require non-abdominal surgery (orthopedic fracture, complex laceration repair, repair of facial fracture, etc.) within the next 24 hours?									
Suspicion of Intra-abdominal Injury (IAI) (Regardless whether or not CT obtained)									
17. Clinical suspicion for the presence of IAI identified on CT (regardless of whether a CT scan is obtained):	□<1%	☐ 1-5%		□ 6- ⁻	10%		11-50%	□ > 50%	
18. Clinical suspicion for IAI in need of acute intervention* (regardless of whether a CT scan is obtained):						□ > 50%			
*Acute intervention defined by : laparotomy, angiographic embolization of bleeding organ or other vascular structure, blood transfusion for abdominal hemorrhage, need for 2 or more nights of IV fluid hydration due to pancreatic or duodenal injury).									
19. Were you aware of any lab results at the time you recorded your suspicion? (hemoglobin, hematocrit, AST, ALT, lipase, amylase, OR urinalysis)								□No	
20. Was an abdominal CT obtained?		☐ Yes →	<i>answe</i>	r 20a	□N	lo	Ur	nknown	
20a. If abdominal CT was obtained, was this data sheet completed before knowledge of the CT results? □ Yes □ No									

PLEASE PLACE COMPLETED FORM IN LOCKED COLLECTION BOX!!

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