TRAUMA MANUAL BASICS COURSE POST-TEST

			CHAPTER	ONE: IN	TRODUCTION	TO TRAUN	MA CARE
1.	——— are the leading caus	e of inju	ury-related death.				
Α	Firearm-related injuries	-	Motor vehicle crashes	С	Falls	D I	Homicides
2.	Penetrating Abdominal —	—— Ind	lex (PATI) is a scoring syste	m designed	to quantify the effect	s of penetrating	g abdominal injury.
Α	Traction	В	Turn	С	Tension	D	Trauma
			CHAPTER T\	۷0: PH۱	SIOLOGIC RES	SPONSE TO	DINJURY
3.	——— is a complex proces	ss which	n attempts to maintain into				
A	Coagulation		Homeostasis	C	Dilution	D	Volume shifting
4.	The primary function of —-	—— is v	vound healing.				
Α	cytokines	В	eicosanoids	С	neutrophils	D	macrophages
		СН	APTER THREE: AI I	RWAY N	MANAGEMENT	AND ANE	STHESIA
5.	Oral intubation requires at				_		
Α	four	В	three	С	two	D	five
6.	Percutaneous translaryng	eal cath	eter insufflation is also kno	own as "nee	dle cric" or "——— ve	entilation".	
Α	jet	В	hose	С	tube	D	puff
		СН	APTER FOUR: INI	τιαι Δς	SESSMENT AN	D RESUSC	ITATION
7.	Regarding trauma resuscit						
Α	state of extreme vital signs		condition of low blood pro	-			state of remaining the same
	· ·		·		. ,	,	· ·
•	National and a superior of the following account		atous of the co				-family and
8. A	With the unstable blunt tra		odontoid view	rvicai spine C	AP	ruie out gross de D	RAO
^	iaterai	U	odontola view	C		_	
					_	PTER FIVE	
9.	Vasogenic ——— occurs wl			_			
Α	reverse flow	В	disintegration	С	shock	D	degeneration
	5 li il it ii.						
10. A	rapid breathing		shock, the "lethal triad" co hypoxia		—, acidosis, and coa heat exhaustion	gulopathy. D	hypothermia
^	Tapiu breatiing	ь					
			CHA	PTER SIX	X: DAMAGE CO	ONTROL SU	JRGERY
11.	Acidosis is defined as a pl		7.2 or base deficit exceed	ing:			
Α	8	В	7	С	6.5	D	6
12.	Damage control technique	es have	survival rates around ——	— overall ar	nd some series report	higher survivals	s with penetrating injuries.
Α	80%	В	60%	С	10%	D	40%
			CHAP	TER SEV	EN: BLOOD A	ND TRANS	FUSION
13.	Approximately ——— mil	lion uni	ts of blood are transfused	every year ii	n the United States.		
Α	15	В		C	40	D	55
4.4	Dationto with accord by		/DD 4				- di-4-1
14. A	Patients with severe hypot 70 to 80		80 to 90	outable to no C	emorrnage snouid red 100	ceive blood imm D	40 to 50
~	70 10 00	ь					
			CHAPTE	R EIGHT	: NUTRITIONA	L INTERVE	NTION
15.	Mobilization of lipid store						
Α	lipogenesis	В	gluconeogenesis	С	lipolysis	D	glycolysis

16. A	The advent of total ——— n parenteral	utrition (TPN) allowed the provis B primary	sion of complete nutritional support deliv C pediatric	rered by a central venous catheter. D percentile
		CHAPTER NINE:	PREHOSPITAL AND AIR ME	DICAL CARE
17. A		es prioritizing patients when nee ait B federally set resource lin		D predetermined resource limit
18. A	Under-triage (———) occurs	s when a patient who may benef B sufficient reverse	fit from trauma center is transported to a C negative transport	setting with fewer resources. D false negatives
		CHAPTER TEN: TE	EAM ACTIVATION AND ORG	GANIZATION
19. A	A ——— provides initial eva Level I trauma center	aluation and assessment of injure B Level II trauma center	ed patients; typically located in small hos C Level III trauma center	pitals or clinics in remote areas. D Level IV trauma center
20. A	It is not uncommon for radio	ographic studies to be performed B False	d concomitant with the trauma resuscitat	ion.
		CHAPTER ELE	EVEN: IMAGING OF TRAUM	IA PATIENTS
21. A	Standard two-dimensional a	angiography has been largely rep B False	laced by CT angiography in the diagnosis	of vascular traumatic injury.
^	nue	b raise		
22. A	Ideally, an erect chest film is S/C joint separation	s obtained because the anatomic B disease	c alterations caused by the supine positio C a different body habitus	n can simulate: D A/C joint separation
		CHAPTER T	WELVE: INTERVENTIONAL I	RADIOLOGY
23.	Prompt uncomplicated acce	ess, usually ———, is a key initial	step to angiographic intervention.	
Α	in the brachial artery	B transfemoral	C in the radial artery	D in the posterior tibial artery
24.		_	may detect pooling contrast material bein	_
Α	about 2.5 mL/min	B about 1.5 mL/min	C about 0.5 mL/min	D about 3 mL/min
25	Counic is a broad town include	_	HAPTER THIRTEEN: SEPSIS	
25. A	infection leading to shock	B infection leading to paral	nplicated by acute organ dysfunction) and lysis C hypothermia leading to shoc	k D infection leading to death
26.	The most common healthca	are associated fungal infection is	due to ——— species.	
Α	Klebsiella	B Influenza	C Escherichia coli	D Candida
CH	IAPTER FOURTEEN:	INFECTIONS, ANTIBIO	OTIC PREVENTION, AND AN	NTIBIOTIC
27. A	The incidence of infection for 25%	ollowing injury approaches: B 15%	C 45%	D 5%
28.		ost effective means to reduce the		
Α	Hand hygiene	B Proper use of surgical dra	·	D Food Safety
		_	FTEEN: TRAUMA PAIN MAI	NAGEMENT
29. A	——— are the cornerstone Muscle relaxants	of acute severe pain management B Opioids	nt. C NSAIDs	D Corticosteroids
30.	——— causes the least hem	nodynamic effects and is the age	nt of choice for pain relief during resuscit	ation.
Α	Morphine	B Hydromorphone	C Propofol	D Fentanyl
			TEEN: VENOUS THROMBO	EMBOLISM
31. A	DVT affects > ——— million .5	n people each year in the United B 1	C 2.5	D .7

32.			a sensitivity and specificity greater tha	_
Α	55%	B 65%	C 75%	D 95%
		CHAPTER	SEVENTEEN: OPERATING	G ROOM PRACTICE
33.			nd fluoroscopy (i.e. ——— table).	
Α	Jackson	B Perugia	C Hamilton	D Smith
34.	A trauma OR table should	d have a minimum of ——— s	suction canisters.	
Α	three	B four	C seven	D ten
		CHAPTER EIGHTEE	N: DISASTERS, MASS CA	SUALTY INCIDENTS
35.	A(n) ——— occurs when t		to meet the needs of the event.	
Α	cataclysm	B epidemic	C disaster	D mass casualty
36.	Disaster Medical ——— 1	Feams (DMATs) designed to b	e a rapid-response element to supple	ment local medical care.
A	Alert	B Awareness	C Assistance	D Associative
			CHAPTER NINETEEN: IN	JURY PREVENTION
37.	Over ——— of all US eme	ergency department visits, al	nost 40 million in total, are related to	
Α	one-tenth	B one-third	C one-eighth	D one-fifth
20	A traditional muhlis books	h madal waad ta idantify and	tackle modifiable risk factors for injury	ringly dec hosts (
38. A	•	nives B people and their ris	· .	•
			CHAPTER TWENTY	
39.	Cardiovascular decondition	oning occurs rapidly with any		KENADILITATION
A	tachycardia	B hypoxia	C exertion	D inactivity
40. A	Prevention of ulceration 2 hours	requires frequent turning of t B 4 hours	the patient, initially on a schedule of a C 8 hours	minimum of every: D 12 hours
^	2 Hours		R TWENTYONE (A): TRAL	
41.	——— remains the cause		o 14) deaths than all other childhood d	
Α.	Unintentional injury	B Noncommunicab		
42.	Head injury causes > ——	- — of pediatric trauma death	s.	
Α	25%	B 55%	C 75%	D 95%
		CHAPTER TWENT	YONE (B): Trauma in P	REGNANT WOMEN
43.	Trauma complicates 6% t	o 7% of all pregnancies and a	ccounts for ———% of maternal deat	hs.
Α	22	B 70	C 30	D 46
44.	Motor vehicle collisions (MVCs) account for ——— of	all traumas in pregnant women.	
Α	10% to 25%	B 35%	C 95%	D 50% to 80%
		CHAPTER TW	'ENTYONE (C): TRAUMA	IN OLDER ADULTS
45.	Decrease in renal cortex		——% functional cortical loss.	
Α	25	B 10	c 5	D 70
		СНАРТ	ER TWENTYTWO: MECH	ANISM OF INJURY
46.	MVCs cause at least ——-	— of closed head and spinal c	ord injuries.	
Α	one-tenth	B half	C one-third	D one-fourth
47.	Regarding lateral crashes	s, greater than ——— of intru	sion on the occupant side signify a gre	eater than 20% chance of significant injury
A	12 in.	B 5 in.	C 2 in.	D 18 in.

CHAPTER TWENTYTHREE: TRAUMATIC BRAIN INJURY

48.	The ——— is the larg	gest and most well developed portion	n of the brain.	
Α	cerebellum	B pons	C cerebrum	D frontal lobe
49.	The ——— doctrine s	tates that the total volume of intrac	ranial contents must remain constant	t because of the rigid bony cranium.
Α	Jacobson	B Hamilton	C Pintorelli	D Monro–Kellie
		CHAPTER ¹	TWENTYFOUR: MAXILLO	FACIAL INJURY
50.	A ——— is a good scr	eening radiograph for most dentoals	veolar trauma.	
Α	panorex	B panrad	C panphoton	D panoria
51.	In edentulous patien	ts, the incidence of subcondylar frac	tures accounts for ——— of all mand	lible fractures.
Α	5%	B 20%	C 37%	D 51%
		CHAPTER TWENTYFIV	E: SPINAL CORD AND SF	PINAL COLUMN
52.	The human spinal co	rd has ——— segments.		
Α	12	B 25	C 31	D 41
53.	The sensitivity of pla	in cervical x-rays to detect fracture is	s low, showing a sensitivity of 52% ve	ersus ——— % for CT.
Α	60	B 98	C 71	D 80
		CHAPT	ER TWENTYSIX: OPHTHA	LMIC INJURIES
54.	Relative ——— pupil	lary defect (RAPD) is important in ch	naracterization of injury.	
Α	age-related	B afferent	C amblyopia	D astigmatism
55.	Of midface, supraorb	oital, or frontal sinus fractures, ——-	- % are associated with severe optic	nerve injuries.
Α	12	B 1	C 23	D 4
		CH	APTER TWENTYSEVEN: I	NECK TRAUMA
56.	The neck is divided in		II covers the area from the cricoid to	
A	True	B False	in covers the area from the tribola to	angle of the manager
57.	Regarding the plain o	ervical spine radiograph, pretrachea	al soft tissue thickness greater than —	-—— suggests cervical spine fracture
A	22 mm at C6	B 14 mm at C3	C 30 mm at C6	D 7 mm at C3
		CHAPTE	R TWENTYEIGHT: THOR	ACIC INJURIES
58.	Thoracic injuries are	responsible for approximately ——-		, 13.3
Α	8	B 25	C 32	D 12
59.	——— chest usually	results from direct high energy impa	ct.	
Α	Pummel	B Thompson's	C Thrash	D Flail
		CHAPTER	R TWENTYNINE: ABDOM	INAL TRAUMA
60.	Commonly injured ab	dominal organs are generally solid o	organs: liver, spleen, bowel mesenter	y, or kidney.
Α	True	B False		
		CHAPT	ER THIRTY: Genitourin	IARY INJURIES
61.	Approximately 10% of	of trauma patients sustain a genitoui	rinary (GU) injury, with the $$ mo	ost commonly involved.
Α	urethra	B ureter	C kidney	D bladder
62.	Most (——— %) of +1	ne bladder injuries are associated wi	th gross hematuria	
02. A	83	B 75	C 95	D 55
			MA, FRACTURES, AND D	
63	Pediatric tractures are	e classified according to their physica	al (growth plate) involvement (Salter-	-Hatzburger classification).

True

B False

64.		en fractures (Gustilo and Anderson),		involves moderate energy, > 1	cm v	
Α	Type IV	B Type I	С	Type III	D	Type II
		CHAPTER THIRTYTWO				
65. ^		pheral vascular injuries are most com				
Α	75% to 80%	B 55%	С	98%	D	64%
66.	Perinheral nerve injuries are r	present in up to ——— % of patients	with e	extremity vascular trauma		
Α	50	B 25	C	43	D	88
		CHARTER THIRTYTHE	DEE.	DUDNIC / INILIAL ATIC		MILLIDY
- -		CHAPTER THIRTYTHE		•		
67. A	In severe burns (> ——— % IE	SSA), it is optimal to obtain central ve B 20	enous C	30	ellinį D	g and edema occur. 40
^	10	b 20	C	30	0	40
68.	——— injury is the most frequ	ent cause of death in thermal injurie	es.			
A	Inhalation	B Burn	С	Scald	D	Heat rupture
CI	JADTED T∐IDTVE∩LIE	R: PRIORITIES IN THE ICU	1 (DE ADILIT TOALINA	۸ D.	ATIENT
					4 F/	ATICINT
69. A	one-half	cally injured patients remain in the IC B one-third	C Tor	one-fifth	D	one-eighth
^	One-nan	b one-time	·	one-mui	0	One-eightii
70.	Thoracic bioimpedance derive	es information from electrodes place	d on tl	he ——— chest and neck.		
Α	left lateral	B right lateral	C	anterior	D	posterior
	CHADTED T	HIRTYFIVE: MULTIPLE O	NDC/	ANI DVCELINICTIONI CV	/NIC	DOME
74	_					_
71. A	20	nd Chronic Health Evaluation (APACH B 30	1E II) S	40	ortaii D	τ γ. 50
^	20	5 30	·	40		30
72.	Given no extraneous circumst	ances (e.g., ST elevation MI, continue	ed ble	eding), a ——— is preferred the	resho	old for transfusion.
Α		IL B hemoglobin trigger of ≤7.0 g/dL				
	CHADTER T	HIRTYSIX: CARDIOVASC	ı II A	B DISEASE AND MO	NIT	ORING
73.	——— is the most common e		.OLA	IN DISLASE AND INIO	1411	OMING
75. A	Heart problems	B Hemorrhage	С	Vascular changes	D	Nerve damage
			•	14554141 511411855	_	
74.	——— echocardiography (TTE) examines parasternal, apical, subco	ostal, a	and suprasternal windows.		
Α	Transtracheal	B Transterminal	C	Transthoracic	D	Transtubule
		CHAPTER THI	RTY:	SEVEN: ACUTE KIDNI	EY I	NJURY
75.	AKI occurs in ——— of critical	ly ill trauma patients, with mortality				
Α	6.3% to 8%	B 6.3% to 12%	С	6.3% to 19%	D	6.3% to 27%
76.	Active urine sediment (very re	are) with RBC casts is diagnostic of va	acculiti	is or glomorulononhritis		
70. A	True	B False	ascuiiti	is of glottleratoriepititus.		
				DE AND MECH VENI		ATION
		ACUTE RESPIRATORY FA				
77.		(Type ———) is defined as arterial p				
Α	I	B II	С	III	D	IV
78.	CMV /——— machanical vant	ilation mode) may result in diaphrag	matic	inactivity promoting atrophy	and c	antractility dysfunction
76. A	collateral	B controlled	C	concurrent	D D	clinical
		IINE: ABDOMINAL COM I		TIMENT SYNDROME,	, Oi	'EN
79.		——— after detection and treatmen		420/ 1 600/	_	250/ 1 220/
Α	21% to 38%	B 2% to 15%	С	42% to 68%	D	25% to 32%
80.	IAH is defined by a sustained	increase in IAP of ——— or more.				
δυ. Α	2 mm Hg	B 25 mm Hg	С	30 mm Hg	D	12 mm Hg
			-		_	

CHAPTER FORTY: LIVER FAILURE

81. A	Fulminant hepatic failure (F True	HF) is s	ynonymous with acute liv False	er failure (<i>F</i>	ALF).		
82. A	PH (portal hypertension) is 12 mm Hg		l as a portal pressure grad 5 mm Hg	ient betwe	en the portal vein and h 2 mm Hg	nepatic veins (of greater than: 25 mm Hg
		CHAI	PTER FORTYONE:	SUPPO	RT OF THE ORG	AN DON	IOR
83. A	Once life support is withdra 45	awn, the B	e general time window for 120	r procureme C	ent is approximately —- 180	—— minutes · D	for the liver. 30
84. A	Progression from brain deat 35% to 40%	th to sor B	matic death results in the 20% to 30%	loss of —— C	— of potential donors. 10% to 20%	D	2% to 5%
CHA	APTER FORTYTWO:	ACCII	DENTAL AND THE	ERAPEU	TIC HYPOTHER	MIA, CO	LD
85.	Severe hypothermia is class	ified pri	marily by the patient's co	re tempera	ture – below:		
Α	28°C	В	18°C	С	10°C	D	23°C
86.	Between ——— of severely	iniured	trauma patients become	hypotherm	ic.		
A	10% and 20%		21% and 50%		51% and 62%	D	63% and 70%
CHA	APTER FORTYTHREE	: INT	RODUCTION TO	EMERG	ENCY GENERAL	SURGER	XY
87.	Dehydration is consistent w						
Α	≥ 20:2	В	≥ 40:1	С	≥ 30:1	D	≥ 20:1
88. A	Biliary scintigraphy is usefu small intestine	I to asse B	ess the biliary tree and fur pancreas		e: gallbladder	D	spleen
			•				•
90	Hypotension in the setting		JR: PREPARATIOI	•		•	
89. A	90	oi trauii B	70	neu as a sys	80	IOW ——— III D	65
90.	Prothrombin ——— concer						
Α	complex	В	combined	С	calcified	D	circulatory
			TER FORTYFIVE: A				
91.	Intra-abdominal pathology						
Α	9% of patients	В	4% of patients	С	14% of patients	D	20% of patients
92.	US is not sensitive to ascite	s and in	tra-abdominal fluid collec	tions (e.g.,	abscess).		
Α	True	В	False	(-0,	· · · · · · · · · · · · · · · · · · ·		
			CHAPTER	RFORTY	SIX: BOWEL OB	STRUCTI	ON
93.	A ——— bowel obstruction	occurs	when the lumen is totally	occluded a	nd does not allow passa	age of air or f	luid.
Α	partial	В	complete	С	simple	D	complex
94.	——— occurs when a segm Closed loop obstruction		ntestine twists about its ma Partial bowel obstruction	nesentery. C	Complicated loop obs	truction D	Volvalus
Α	closed loop obstruction	_	PTER FORTYSEVE				
95.	More recent estimates plac						ING
95. A	5	В		C	54	D	89
96.	Mallory–(———) tears occu	ır at the	gastroesonhageal iunctio	n (most wi	ll ston spontaneously)		
Э0. А	Winkler		Walter	C C	Weiss	D	Weber
			CHAPTER FO	RTYFIG	HT: ACUTE PAN	JCRFATIT	ΓIS
97.	Excessive alcohol consumpt	tion and		_		_	
Δ	70% to 80%		20% to 30%		40% to 50%	D	55% to 65%

CHAPTER FORTYNINE: BILIARY TRACT DISEASE

98. A	An impacted large stone in Hail Matheson's	rtmann's pouch may mechanically o B Mirizzi's	C Mason's	D Maurer's	
			1		
99. A	38%	s in $$ of patients with acute ch B 14%	C 1% to 2%	D 7%	
			CHAPTER FIFTY: A		
100	Annrovimatoly	o a year in the United States dayele	_	PPENDICITIS	
100. A	12,000	e a year in the United States develo B 25,000	C 120,000	D 250,000	
101.	——— % of "grossly normal"	appendices have microscopic path	ology.		
Α	5	B 10	C 15	D 20	
	CHAPTEI	r fiftyone: Esophag i	JS, STOMACH, AND	DUODENUM	
102.	——— syndrome is post-eme	etic esophageal perforation.			
Α	Joseph's	B Boerhaave's	C Wilkerson's	D Antwerp's	;
103.	• •	el perforations are the most commo	on sites of peptic ulcer perforat	ion.	
Α	True	B False			
	CHAPTER FIFT	ΓΥΤWO: INFLAMMATO I	RY DISEASES OF THE	INTESTINES	
104.	-	pancreatography (ERCP) carries a ri	· · · · · · · · · · · · · · · · · · ·		
Α	residual	B retrograde	C return	D reverse	
105.		— with conservative management.			
Α	10% to 40%	B 85%	C 60%	D 1% to 5%	
			THREE: ACUTE ANOF	RECIAL PAIN	
106. A	Anal fissure is rarely the caus True	e of acute anal pain. B False			
^	True	D Paise			
107.	Pilonidal disease typically pro	esents:			
Α	in infants	B in older women	C in puberty or young ad	lulthood D after 50 ye	ears of age
		CHAPTER FIFT	YFOUR: SOFT TISSUI	INFECTION	
108.	NSTIs (——— soft tissue infe	ctions) are known by many names i	including gas gangrene and Fou	rnier's gangrene.	
Α	nominal	B negative	C nodular	D necrotizing	3
		CHAPTER FIFT	YFIVE: VASCULAR EN	MERGENCIES	
109.	•	localized dilatation of a vessel that	_	•	ormal diamete
Α	15	B 35	C 20	D 50	
110.	Patients with AEF (aortoente	eric ———) may present with life-th	reatening hemorrhage.		
A	fissure	B fibroids	C fistula	D factor	
			CHAPTER FIFTYS	ΙΧ· HFRNIΔS	
111.	An estimated ——— million	hernia repairs occur each year wor			
Α	20	B 10	C 5	D 70	
112.	Incisional hernias develon in	n ——— of patients who undergo m	idline lanarotomy		
Α		B 13% to 20%	C 22% to 30%	D 31% to 40%	%
	CHAPTER FIFTY:	SEVEN: OBSTETRIC AND	O GYNECOLOGIC EM	ERGENCIES	
113.	· · ·	y occur in the cervix, abdomen, cor	nua of the uterus, ovary, or in	a previous cesarean scar.	,
Α	True	B False			
114.	Spontaneous abortion is defi	ined as loss of the pregnancy prior t	to ——— weeks of gestation.		
Α	15	В 32	C 8	D 20	

115.	5. Acute abdominal pain is defined as any medium or severe abdominal pain of less than ——— days duration.					
Α	12	B 14	C 3	D 7		
116.	In Hinchey I and —–	-— stages, medical treatment for o	complicated diverticular disease is usua	ally effective in controlling symptom	ms.	
Α	IVa	B Ila	C IIIb	D IIc		
		CHAPTER FIFTYN	IINE: MISCELLANEOUS PR	OCEDURES		
17.	Anterior dislocation	is the most common type of hip di	slocation.			
Α	True	B False				
118.	Regarding the post-	procedural care of an ankle disloca	tion, the ankle should be splinted at —	—— degrees.		
Α	110	B 45	c 90	D 25		
	CHAPTEI	R SIXTY: SCORING FOR	INJURY AND EMERGENC	Y SURGERY		
119.	The ——— Injury Sc	ale (AIS) was developed in 1969 by	a Joint Committee of the American M	edical Association.		
Α	Abbreviated	B Access	C Attribute	D Acute		
120.	The ——— Coma Sc	cale (GCS) scoring system is one of	the most widely used and accepted tra	uma scoring systems.		
Δ	Glasgow	R Gackstetter	C Giannotti	D Griffey		

CHAPTER FIFTYEIGHT: LAPAROSCOPIC TREATMENT OF THE ACUTE ABDOMEN

TRAUMA MANUAL BASICS COURSE POST-TEST

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		he post-test is purch number or purchaser			
1	25	49	73	97	
2	26	50	74	98	
3	27	51	75	99	
4	28	52	76	100	
5	29	53	77	101	
6	30	54	78	102	
7	31	55	79	103	
8	32	56	80	104	
9	33	57	81	105	
10	34	58	82	106	
11	35	59	83	107	
12	36	60	84	108	
13	37	61	85	109	
14	38	62	86	110	
15	39	63	87	111	
16	40	64	88	112	
17	41	65	89	113	
18	42	66	90	114	
19	43	67	91	115	
20	44	68	92	116	
21	45	69	93	117	
22	46	70	94	118	
23	47	71	95	119	
24	48	72	96	120	