

가 .

가 . 가

, , , ,

가

, 가

(Michigan Health & Hospital Association).

.

(Trauma)

가

,

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가 . 2

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, , 가

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가

가 .

가

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가 .

가

. 1

, 2

(Work - related diseases)

가

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2

(4

. , 6 1) “

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1

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가

(Department of Veterans

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Affairs)

.

(98

4740).

“ ”

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”

가

(4~7). “

”

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,

가

(Trauma)

(

), 가

가

가

12

1. (Moore , 1995)			
1	10% 1 cm	(hematoma) (laceration)	1 6
2	10 cm 1 ~ 3 cm	10 ~ 50% , 10 cm	(1).
3	10 cm 3 cm	50%	
4	(lobe) 1 ~ 3	25 ~ 75% (disruption) (Couinard)	HBsAg
5	(lobe) 3	75% (/)	anti - HCV AST/ALT
6	(hepatic avulsion)		

(Histologic activity index)

(Fibrosis score)

가

가 (blunt trauma)

(stab wound),

가

B C 가

AST/ALT

B 가

C (HBsAg Anti - HCV) 6

3

2.

	Knodel	Scheurer	Batts and Ludwig
0	No fibrosis	None	No fibrosis
1	Mild portal expansion	Enlarged fibrotic portal tracts	Fibrous portal expansion
2	Moderate fibrous portal expansion	Periportal or porto - portal septal but intact architecture	Periportal or rare porto - portal septa
3	Bridging fibrosis (porto - portal or porto - central)	Fibrosis with architectural distortion but no obvious cirrhosis	Fibrosis septa with architectural distortion but no obvious cirrhosis
4	Cirrhosis	Probable or definite cirrhosis	Cirrhosis

3. Child - Pugh Classification

	1	2	3
1. Encephalopathy	None	Mild (Grade 1 ~ 2)	Severe(Grade 3 ~ 4)
2. Ascites	Absent	Slight	Moderate to severe
3. Albumin (g/dL)	> 3.5	2.8 ~ 3.5	< 2.8
4. Bilirubin (mg/dL)	1 ~ 2	2 ~ 3	> 3
5. Prothrombin time	> 70%	40 ~ 70%	< 40%
Prolonged seconds	0 ~ 3 sec	4 ~ 6 sec	> 6 sec
INR	< 1.15	1.15 ~ 1.5	> 1.5
Child class A : 5 ~ 6	Child class B : 7 ~ 9	Child class C : 10 ~ 15	

AST/ALT

6

AST/ALT

(HBeAg

HBV DNA),

AST

ALT (100 U/L)

AST ALT 가

100 U/L

AST ALT

가 30 ~ 60 U/L 가

(2 2.5)

(Near - debilitating symptoms)

HBsAg anti - HCV

6

(Incapaci-

4.																					
1	(,)		Child - Pugh 가 C		가		가														
	1)		2)																		
2	(,)		Child - Pugh 가 C		가1		가 (F2)														
	3)																				
3	(,)		Child - Pugh 가 C		, , 가																
5	(,)																				
1		, 2		2																	
		가																			
2		(, ,)																			
1)							가														
4																					
2)			()		1		가														
3)					가 250/mm ³																
tating episode)																					
2			(baseline weight)																		
		가 3		Child -																	
				Pugh																	
20%		(substantial																			
weight loss), 10 ~ 20%		(minor		5가																	
weight loss)				5 ~ 6 Child A, 7 ~ 9 Child B, 10																	

5. (493)					
()			가 (:)		
70	(.)				
	가.	()	7	7	7
	.		3	3	1
	.	()			
	(1)	(minimal)	4	4	3
	(2)	(mild)	4	4	4
	(3)	(moderate)	5	5	4
	(4)	(severe)	5	5	5
	(5) 1	1	4	4	4
	(6) 1	2 (cirrhosis 71.)	5	5	4
	.	6 3 HBsAg(B) HCV Ab(C			
)가				
	(1)	AST/ALT가 100 U/L	5	5	5
	(2)	AST/ALT가 100 U/L	4	4	4
	.		2	2	2
71					
	가.		5	5	5
	.	. 가	6	6	6
72					
	가.	(Gilbert)	3	3	3
	.	(Rotor) , - (Dubi - Johnson)	4	4	4
	.	()			
	(1)		4	4	4
	(2)		5	5	5
73	(3)		5	5	5
74	()				
	가.	()	7	7	7
	.		3	3	3
	.				
	(1)		4	4	3
	(2)		5	5	4
75	가.		7	7	7
	.		4	4	3
	.		5	5	5
76					
	가.		3	3	3
	.		4	4	4

77					
	가.		3	3	3
	.		4	4	4
	.		6	6	6
	.	(가)	7	7	7
78					
	가.		7	7	7
	.		3	3	3
()			가 (:)		
153					
	가.	()	4	4	3
	.		5	5	4
	.		6	6	6
154					
	가.	()	7	7	7
	.		3	3	3
	.		4	4	4
155			6	6	6
156					
	가.		4	4	4
	.		5	5	5
	.		6	6	5
	.		6	6	5
	.		6	6	6
157					
	가.				
	1)		4	4	4
	2)		5	5	5
	.		5	5	5
	.	-	5	5	5
	.	(Triple ostomy)	5	5	5
	.	(Whipple)	6	6	6

Child C

Child C (, 가) , , 4 ,

6.

		%
(code 7345) (code 7354)		100%
	12 , 가 6 , , ,	60%
	12 , 가 4 ~ 6 , , ,	40%
	, , 12 가 2 ~ 4 가	20%
	가 , , , 12 가 1 ~ 2	10%
		0%
(code 7312)	() ,) 가 , (, , ,	100%
	, , () 가	70%
	, , () 가	50%
	, , , , malaise,	30%
	, , malaise	10%
	(code 7343)	100%
	(code 7344)	
(code 7354)		100%
		30%

<ul style="list-style-type: none"> • : code 7345 B , , 가 , hemochromatosis, , , code 7354 C . B C 가 . • : , sclerosing cholangitis . • (baseline weight) : 2 . • (weight loss) : 가 3 <ul style="list-style-type: none"> (substantial weight loss) : 20% (minor weight loss) : 10 ~ 20% • : , malaise, , , , , . <ul style="list-style-type: none"> (Near - debilitating symptoms) : (Incapacitating episode) : • : , , 100% 6 • : 100% 1 .

100%

6

Chinese University Pro-
gnostic Index (CUPI)

(- 4), (3), AFP >500
ng/mL (2), (mg/dL)가 <2.0
(0), 2.3 - 3.0 (3), >3.0 (4),
가 >200 U/L (3), T1 - 2 (- 3), T3
(- 2), T4 (0)

, Child - Pugh
Class, Alpha - feto protein (AFP),
CLIP score

100%

100%

1

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답을 알려드리겠습니다

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<div>月刊誌</div> <div>月刊誌</div> <div>學習誌</div>	

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