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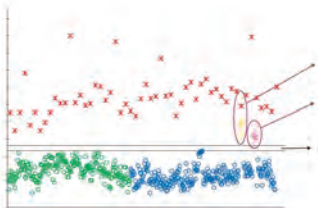
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分子诊断与治疗杂志

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Application progress of Angio OCT in comprehensive diagnosis and treatment of ocular fundus diseases

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X f m l e q f _ l M n f r f _ l j W g a W c d l E s p _ g l t e x p f m s t w A n f l g e B / . . 4 .

ABSTRACT M n r g a _ j a m f c p c l a c r m k m e n j w m g b e g m a e p m p n f g v b _ j t _ q a s j m n _ r
s q c b r m b c r c a r ` j m m b d j m u g l r f c d s ? l e g m W M A R f p q b r d g r b t p l b g e g m m d j f m A
p c q m j s _ r d m h v c b b l m l W g l t _ q g t c l c q q , L m l W g l t _ q g t c o s _ l r g r _ r g t c k c _ q
q r p s a r s p c q u _ q _ a f g e m p m g b s _ a j f ` j m p m b r t g c l q c j q \_ l b ` j m m b n c p d s q g m l , R f g
` \_ q g a n p g l a g n j c q m d ? l e g m W M A R o s \_ l r g r \_ r g t c k c \_ q s p c k c l r m d ` j m m b d
d s l b s q b g q c _ q c q q s a f _ q a f a n c p m g b _ j j q c o m t s q q a f g n j p o n g p a r m p c h m g l m n f w r f w
p c r g l _ j _ p r c p g m t c l m s q _ l b n m j w n m g b a f m p m g b _ j t _ q a s j _ p b g q c _ q c q , R f
m n f r f _ j k m j m a n w k a n j p g c l f g c a l g g l t q c i l m u _ j q b _ e t o m d g ? l l c p e r g m a W M A R l k c r f m b ,

KEY WORDS M n r g a _ j a m f c p c l a c r m k m e n j w m g b e g m a e p m p n f g v b _ j t _ q a s j m n _ r
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/ . L m x _ i g _ K r m W ? q s i _ c r _ R j , G l b m a W _ l g l c e p c g a P l c r g N p m g n t v a r g t c P _ l b m k g x c b A j
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_ ` c r g a k _ a H j _ H p n d b h c M n f o r . f / 7 1 k m j 0 1 D _ u x g D ? w c b P c l q c l k c g c p _ p ? G k n p m t c b
0 2 1 W 0 3 2 , K _ a s j _ p A _ n g j j _ p w D j m u m l M n r g a _ j A m
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r w _ l b Q n c a g d g a g r w m d N m r c l r g _ j B g r g t m d p g g a ` D c g h a , P a r d i B h a n r f c f w j 0 k . m 4 j
S q g l e D s l b s q M f m n r g n a e p j _ A n f f w c p c l a c R m k m e p W 0 n o f 5 v ,
_ l b D j s m p c q a c g l ? l e g m e p _ n f w W d m p 0 2 m b w n A n g p b j c m n P a g m p d k s k _ j j c A r a j s , C t _ j s _ r g m l
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b c p c b N p m h c a r g m l W P c q m j B c j b c M a n l ? l e g m e p _ g n l f W _ r g c l r q U g r f N m j w n W g b _ j A f m
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x c l b c p M A R W ? l e g m e p _ d g c ` c g N _ r g c l r c f v k g g A f f m s p g d p b m g w m h h g , f h c g k ? W m l f ? l e g m e
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1 4	4 .	ŴRŴ / 0 Ŵ1 , 3 #	R0 /	A f0p/	2 , 2 2	5 , 7 6	2 , 0 2 R/ f g e f p g q i
1 5	4 /	ŴRŴ / 1 Ŵ1 , 3 #	R0 /	A f0p/	5 , 3 .	6 , 2 .	2 , 6 7 R/ f g e f p g q i
1 6	4 0	ŴRŴ / 2 Ŵ1 , 3 #	R0 /	A f0p/	2 , 4 7	1 , 5 7	2 , 6 3 R/ f g e f p g q i
1 7	4 1	ŴRŴ / 3 Ŵ1 , 3 #	R0 /	A f0p/	1 , . 6	0 , -5 3	1 , . 6 R/ f g e f p g q i
2 .	4 2	ŴRŴ3Ŵ1 ,	R/ 6	A f/p6	12 6	Ŵ . , 1 5 / , 5 6 R/ f g e f p g q i	
2 /	4 3	ŴRŴ0Ŵ1 , 3 #	R/ 6	A f/p6	2 , 2 2	1 , 4 3	2 , / 10 f g _ f
2 0	4 4	ŴRŴ1Ŵ1 , 3 #	R/ 6	A f/p6	2 , . 3	1 , 5 6	1 , 6 5
2 1	4 5	ŴRŴ2Ŵ1 , 3 #	R/ 6	A f/p6	3 , 4 5	L m A _ j j	1 , 6 2
2 2	4 6	ŴRŴ3Ŵ1 , 3 #	R/ 6	A f/p6	1 , -/ 5	2 , 5 1	0 , -7 5
2 3	4 7	ŴRŴ4Ŵ1 , 3 #	R/ 6	A f/p6	2 , 2 5	1 , 3 3	2 , / /
2 4	5 .	ŴRŴ / Ŵ1 , 3 #	R/ 1	A f/p1	1 , 1 2	3 , . 4	2 , / /
2 5	5 /	ŴRŴ0Ŵ1 , 3 #	R/ 1	A f/p1	3 , 3 .	3 , 6 3	3 , 0 1
2 6	5 0	ŴRŴ1Ŵ1 , 3 #	R/ 1	A f/p1	2 , 3 0	3 , 6 2	2 , 4 /

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R _ ` 0 j A m k n \_ p g q m l m d p c b ` j m m b 6 a k c j m n f p j k q q c k q q i g e p p q b g d d c p c l r e c l m r
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Y Y	3 , 2 2 , 2 1	/ 1 6 , 5 0 , 3 5	2 / , 7 6 3 6	5 5 , 1 0 / 6	0 3 , 2 3 . 3	1 0 7 , 7 . , . 4
-	. , 6 2 .	. , 2 7 2	. , 3 . 5	. , 0 1 5	. , 0 0 1	. , 5 4 5
.	1 , 1 . 1	/ , . . 4	. , 0 1 4	/ 2 , 3 1 2	0 2 , 0 1 6	6 , 3 5 7
.	. , . 2 0	. , 1 5 /	. , 5 7 .	. , . a . .	. , . a . .	. , . a . .
	#	F ` ? #	F ` 0 #	F ` D #	C #	
Y Y	/ 5 , 2 0 2 .	7 1 , 4 1 2 3	3 , 4 3 , 5 0	. , 5 0 , . 0	.	1 . , 4 5 4 6
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Y Y	/ 1 , 3 . 4 6	4 7 , 7 5 1 4	1 , 5 1 , 7 3	. , 1 1 , 3 5	0 3 , 7 5 0 5	0 7 , 2 3 3 .
-	. , . a . .	. , 3 3 5	. , . a 0 5	. , 4 4 5	+	. , 7 6 0
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Y⁰

0 . / 4 . / 5 W / 0 , / 4 , W
5 B _ l h m s l d g E D _ j _ l c j j m P , @ c d r p n v k n f c l j m q q c k g _ H , 0 . / 5 6
r w n c r m n H c l m _ r o w k _ c r n j m 7 4 / a _ / 3 6 1 / 2 / W 2 3 ,
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6 , H , H , 0 . / 6
0 . / 1 3 3 1 7 2 W 1 7 6 , 1 0 5 4 4 / W 4 4 1 ,
7 , H , / 6 , 0 6 7 6
0 . / 5 3 / 0 5 4 W 0 6 . , H , 0 . / 7 4 6 / 3 6
/ . , H , / 3 1 0 ,
0 . / 4 0 2 / 7 3 W / 7 4 , / 7 ,
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H , 0 . / 1 6 4 2 5 1 W 2 5 4 , H , H 4] U ' Ä Ä U (0 . / 7 y
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Expression of VEGF Cyclin D1 and E Cadherin in pediatric retinoblastoma and their relationship with histopathological characteristics

WANG Ling¹* MA Vuelian* WANG Oiming

/ , Bcn_prkclrm dK n r f c p f l _ j j k m l j m a w g j b F c _ j r f F u n s q f n _ f l s _ j c m d O g _ m i m s B g q r

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K c b g a _ j A m s l j k d e n d e S l g t c p q g r w m d Q a f c f l s a c a f l g b 2 1 . a . f 0 l 0 m j m e w

ABSTRACT Objective To investigate the expression of vascuendothelial growth factor (VEGF), cyclin D1 and E-cadherin in pediatric retinoblastoma (RB) and their relationship with histopathological characteristics. Methods 55 tissue samples from pediatric RB patients and normal controls were collected in our hospital from 2017 to 2019. Immunohistochemical (IHC) method was used to detect and compare the expression of VEGF, cyclin D1 and E-cadherin in RB tissues and normal controls. Results The results of IHC showed that VEGF, cyclin D1 and E-cadherin were expressed in RB tissues and normal controls. The expression of VEGF and cyclin D1 was significantly higher in RB tissues than in normal controls. The expression of E-cadherin was significantly lower in RB tissues than in normal controls. The results of IHC showed that VEGF, cyclin D1 and E-cadherin were expressed in RB tissues and normal controls. The expression of VEGF and cyclin D1 was significantly higher in RB tissues than in normal controls. The expression of E-cadherin was significantly lower in RB tissues than in normal controls.

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_ l b r f c c v n p c q q g m l m d C W A _ b f c p g l u
q g e l g d g a _ l r j w j m u c p r f _ l r f _ r g l r f c l m p k _ j p c r g l _ j r g q q s c q , R f c b g c
Q n c _ p k _ l a m p p c j _ r g m l _ l _ j w q g q A f m a u j d b l l B f C W A r f c f c v p r p l c u q q g m l m d g T r C E D j w
a m p p c j _ r c , b R f c p c u _ q l m q r _ r g q r g a _ j j w q g e l g d g a w l a r j l g d B d c p c l a c g l r f c
_ l b C W A _ b f c p g l c v n p c q q g m l g l a f g e l c p c l a u g r r c f e R q g E d g d t c p c l r e c l b c p q
r f c p c u _ q q g e l g d g a _ l r b g d d c p a w a j c g l l B r C W A m l g r g g k p v r r c q q r g d g m C E g D l a f g j b
u g r f b g d d c p c l a j g d g a m j b g g e l c g m t l c g l t _ q g m l _ l b n _ r f m j m e g a _ j q r _ e c u c
q r _ r g q r g a _ j q g e R g f c g a c d a j c r q m d A m v k s j r g t _ p g _ r c _ l _ j w q g q q f m u c b r f
q r _ e f c f g e f c p r f c b c e p c c m d b a s f c m f j m e e f g a v r j p a l a q i g m l m d f t C E d u
c v n p c q q g m l m d C W A _ b f c p g l u c p c r f c _ b t c p q c d _ C o n c l u s i o n q _ d d c a r g l e r f c q s
The hiehep the nositive evnpression of TEED _ndD U' 'EQUIPPOSSIBLEYEDSUFOM!SQRDPA-MULIPMIS'@PR'AW UQ%

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k _ l A m v
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C W A _ b f c p g l c v n p c q q g m l g l P @ r g

2 T C E D A w a j / g l C W A _ b f c p g l

2.1 P @ T C E A w a j / g l B T C E D + + . , 3 0 2 . + . , 2 7 1 . . .
C W A _ b f c p g l A w a j / g l . B , 3 0 2 . . . + + + . , 3 . 6 . . .
P @ T C E A w a j / g l C W A _ b f c p g l 7 1 . + . , 3 . 6 . . . + +

B / C W A _ b f c p g l 2.3 R B T C E A w a j / g I C W A _ b f c p g l

n / / n P @ / / T C E A w a j / g l
B / C W A _ b f c p g l
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/ P @ T C E A w a j / g l B
C W A _ b f c p g l
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/ P @ T C E A w a j / g I C W A _ b f c p g l
Q N A O . . . / / T C E D

D g e s p c k s l m f g q r m a f c k g a _ A w a j / g I A w a j / g I T C E D C W A _ b f c p g l
B / _ l b C W A _ b f c p g l c v n p c q q g m l g l P @ r g q q s c n 2 n

/ P @ T C E A w a j / g l B 3
C W A _ b f c p g l #
R _ ` / j A m k n _ p g q m l A w a j / g I C W A _ b f c p g l P I @ /
c v n p c q q g m l ` c r u c c l l m p k _ j p c r g l _ j r g q q s c _ l b P @ r g q q s c
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A w a j / g l B	/ 0 0 / , 6 2 5 , 0		n
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C W A _ b f c p g l . . .	/ . / 6 , 0		
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T C E A w a j / g l B
A w a j / g l B

0 . 0 . / / / 0 / /

P@ TCEAwa j g 5 , H, 0. / 5
 B/ CWA_b f c p @ 3 10 / 0 / W / 0 5 ,
 n 6
 TCEAwa j / g ICWA_b f c p @ l H, 0. 01.44 2 / 7 W 2 0 2 ,
 7 / GEDW
 P@ n TCED JMV H,
 TCEAwa j g l B / 0. / 7 / 0 / 0 0 W / 0 5 ,
 CWA_b f c p g l P@ / . R g _ l X A c l e J Q s m H , K A R Q c a r j w @ g l b q r m R U D
 / TCEAwa j g l B Q w l c p e g q r g a _ j j w K m b A W K w a R w a j g l B r g m
 CWA_b f c p g l P@ J s k g l _ j ? - @ @ p c _ H r , M l h a n c p _ A e j c j r R f c p
 n 0. 0 / . 1 / 3 1 3 1 W 3 1 4 / ,
 / / H g l E s m W m l e W r _ j , K c r f w j _ r g W l W _ q q m a
 g l e m d k P W g k n p m t c q r f c p _ b g m r f c p _ n
 H, c q m n f _ e c _ j a _ l a c p a c j / j d ` v o r _ p a u g r f l e
 0. / 155 / 0 / 4 6 5 W / 4 7 . , x g l a b c d H g R g l c g n a w f c p . M / L a m j / . 2 W / / 1 ,
 0 U s O Q s l W f c l e E , T C E D m t c p c v n p c q q q n ? l f g c b C Q m a s F J Q d r P _ j , G k k s W m f g q r m a f
 u g r f m n r g a l c p t c g l t m j t c k c l W _ l b b g a d j c c v h p c g q q m l m d l p a w Q s j b m l B g W n _ r g c l r
 r m k ? N P G Q K ? W a m k n j g _ l H , k k c b y a _ g l l c j w h q c b u g r f ` c l g e l _ l b k _ H g @ K A l r n p m q r
 0. / 7 5 3 / / 1 5 3 1 , P c q L m O r . c Q . 12 0 7 3 ,
 1 N j _ r f @ k m e j g D k p ` q c B _ j , N p m e W m q r / g 1 a E p e l g l d g K e n f r d p W ? Q _ Q r _ j , C W a W _ b f c p g l g
 a _ l a c m d a c j j a w a j c W 4 n p c a a g j / g d B n p m k s b m l f g m r m a f c k g a _ j c v n p c q q g m l g l g l t
 _ l B t g l p c q c a r c b m p m n f H p W l n e c W j j _ p w p l a n d l m k c ` a m p p c r j _ r g m l u g r f k r m m m j m e w _ l
 e m j F c _ b L c O a . i / 2 5 / p a 1 , g a _ j r d p _ F g k n N g O r . f 0 2 . 4 0 . 1 . / . 6 ,
 2 A m p q n P m t g c j j m D , E c p k j g l c k s r _ r g m l q m d r f c C W a _ b f c p g l a _ b f c p g l
 e c l A B F g l c _ p j w m l q c r H e Q c r k p g l a M a l _ a m a j c p 3 H,
 0. 02.50 W 1 / 0 3 W / 0 4 , 0. 01.43 3 6 7 W 3 7 / ,
 3 , / 3 X _ a _ n _ j _ W E l b k c x p ? c n W R j g _ r m a b l W P m k c p m
 H, 0. / 57 J B A c r _ j , K c l b m x _ W A _ r _ j l l , W x p g l _ l b
 / . 6 3 W / . 6 6 , q g m l n p m d g j c g l a c n p t m g e a l m j q a w a W k j m p e i w c p d r
 4 , k m p n p m e p c q q g m l H l , @ K P A g a D a j d a b _ l a c p
 H, 0. / 666 / 2 . 5 W / 2 / . , / 6 / 1 2 7 ,

/ 2 3 /

1 R f 5 - R p c e H, 5 O s c q _ b _ W K A m l a s q P m A K , Q s ` a s W _ l c m s q R
 0. / 1670 / / 4 W / / 7 , _ ` K _ w @ c J c q q C d d c a r g t c r f _ l G l r p _ t c
 2 , r f c R p c _ r k c l r m d H s t c l g j c G b W m n _ r f g a
 0. / 7 H, 0. / 7 g r H g H P f c s @ _ 1 2 5 2 0 0 4 . W 0 4 / ,
 1 2 / 0 7 4 7 W 7 5 4 , 6 K _ a f _ b n W Q F g c p P K , Q _ d c r w m d W m a g j g x s k
 3 J g q r g K á I k i c k á j J g c c b k _ c l r l _ G j , R f c k _ h m p g r w , k c l r m d h s t c l g j c g b g m n _ H f g a _ p r f p g . r / 1 5 4
 m d n _ r g c l r q u g r f l c u j w b g _ e l m q c b h s t c l g j c g b g m n _ H f g a _ p r f p g . r / 1 5 4 2 W 2 f 3 _ 5 r , g q q g k g j _ p r m r f _ r m d
 _ a f g c t c _ f c _ j r f W p c j _ r c b o s _ j g r w m d 4 j 2 2 W 2 f 3 _ 5 r , g q q g k g j _ p r m r f _ r m d
 f c _ j r f w p r c q s j q q m d r f c E c p k _ l k s j r g a c l r c p g l , a c n r g m l
 a r m p G r A M L H , ? p r f p g r g O q . P 0 6 q / R / f . c 4 p , R p c e / 5 R f / H,
 4 , 0. / 7 / 0 / / 5 W / 0 5 ,
 H, 0. / 2 3 / 2 / / ,
 1 2 0 W 1 2 4 , R f 5 - R p c e H, 0. / 370 3 0 5 W 1 . ,

A K J ? q n p m Q g l

0 R0 B K L W A K J / ? q n p m q g l
A ? Q n / 1 3 R0 B K
G K R A ? Q ; 5 7 L A ? Q ; 3 4 4 .
L A / C J G Q ?
A K J ? q n p m q g l c _ p q m l A K J ? q n p m q g l
n j m e g q r g a A K J ? q n p m q g l n R0 B K A ? Q
A K J ? q n p m q g l L A ? Q L A L A ? Q L A 1
n A K J ? q n p m q g l / D N E M K G W R G A R E J B J A W
F ` ? A / D N E M K G W R G A R E
A K J ? q n p m q g l n j m e g q r g a A K J ? q n p m q g / D N E M K G W
n R0 B K A K J ? q n p m q g l
/ n
0 L W

Relationship between CML Asprosin and carotid atherosclerosis in type 2 diabetes

LIS Shuyuan A F C L V g _ m k g l

B c n _ p r k c l r m d X l f l m l æ p q f l m l M f r e g l n g l r S j y g c k p s h v A _ f l g l 4 / . . .

ABSTRACT Objective To investie_te the pel_tionshin between sepukWlc_pboww kethwllwsine
A K J _ l b ? q n p m q g l j c t c j q _ l b A Q g r h r n g _ b r g c f c Q l u g g a r j f R Q B n l q , g q
Methods 135 n_tients uith 2DM uepe divided into the c_potid _the poscleposis epouA ? Q e p 5 3 n l b
r f c l m l W a _ p m r g b _ L A Q p n e q p n i s c n e a n n g b g e l p e n s m a _ p m r g b s j r p _ q m s l b c v _ k g l _ r
g l r g k _ W k c b G _ R f g a i f c o p g j r f w n c m n j c u c p c q > j t A r e q l m Q n H F T @ a n @ t p g u H P e T p @ n s

0 . 0 . / / / 0 / / H K m j B g _ e l R f 0 p . * 0 L m / t 0 m k j n / c / p

U ' ' 1 - P U J E 7 P I F S D N E M S O W B R R E S U ' p 0 ' g 5 W ' c n c A h c 2 r p 0 c 0 a 0 b a u e Y !
r m p q r f _ r _ d d c a r r f c j c t c J m e r g d A g a l p d 0 p 0 c r r p m d g _ V 0 g j n p 0 g 0 q f m u c b r f _ r A
_ l b r f c a m s p q D N E d _ b l g b _ F M K G W G P u c p c _ j j p g q i d _ a r m p q d m p a _ p m r g b _ r f c p

B@KQ@NDNÆRARE/JBJWFA`?A n R0BK A?Q
 FMK?WGRJ ?qnpmqg l LA?Q LA?Q
 LA FBJWA LA?Q LA n /n

2.2 T2DM AKJ ?qnpmqg l

AKJ?qnpmqg l /DNÆFMKGWGR E/ n 1n
 /DNÆFMKGWGR E/JBJWFA`?A 2.4 T2DM
 n 0n j eng q r g a

0 AKJ ?qnpmqg l AKJ?qnpmqg l /DNÆFMKGWGR
 R_`0j Amp pc j _ r g m l _ P g j w q q q m d A k a j g l g a _ j j me g q r g a
 g l b g a _ r m p q g l N _ r g c l r q AKJ?qnpmqg l /DNÆFMKGWGP
 AKJ ?qnpmqg l n 2n

AKJ	+	+	.	3	.	/	.	.	/	4	3
?qnpmqg l	.	.	3	.	/	.	.	.	/	4	+
	.	.	3	3	/	.	.	.	6	.	3
DNE	.	.	2	4	5	.	.	.	7	.	2
FMKGWGP	.	.	5	.	7	.	.	.	2	.	5
RA	.	.	3	/	2	.	.	.	0	3	.
RE	.	.	2	6	4	.	.	.	0	/	.
JBjWA	.	.	2	4	5	.	.	.	1	4	.
FBJWA	+	.	2	7	4	.	.	.	7	5	.
F`?a	.	.	3	1	6	.	.	.	0	4	.

 . p Á 4 Q 60 æ Q 2 _ b _ l a c b
 P e j a m q w j _ r f i g m l . E E 0 q n p l m b s a r q
 n ? E C q

2.3 T2DM AKJ ?qnpmqg l

AKJ?qnpmqg l LDW@
 /DNÆFMKGWGR E/JBJWFA`?A

	1 R0 B K A K J ? q n p m q g l		
R _ ` 1 j k s j r g n j c . , =	c	Õ	Ł
	, . . 1 , . . / , 3 3 0 , . / .		
A K J	, . / .	0 , 7 4 /	. , . . 1
	D N E	0 , . 5 2	. , . / 4 .
	F M K G Ŵ G P	/ , / 2 7	. , . . .
	R A	3 , / 1 4	. , . 0 0
	R E	/ , 1 3 .	. , . . .
? q n p m q g l		4 , 5 1 4	. , . . 1
	D N E	/ , 1 3 0	. , . / 4
	F M K G Ŵ G P	6 , 6 4 0	. , . / .
	R A	/ , 1 0 /	. , . 1 /
	R E	4 , 2 . 4	. , . . /

BŴ

BŴ BŴB RCE ?GAF
 / / 4 ?GAF 3 4
 BŴB RCE ?GAF /
 BŴB /I < < T /K? /AG
 : : ?GAF
 BŴB /I /T /K? /AG BŴB
 P /I T /K? /AG ?GAF
 BŴB P /I T /K? /AG
 BŴB RCE I /K? ?GAF ?SA . , 6 7 7
 ?SA 7 3 , 0 2 # 6 1 , 4 # BŴB RCE
 ?GAF
 BŴ

Evaluation value of D dimer combined with thrombus elasticity chart on the condition and treatment outcome of patients with acute cerebral hemorrhage

WS Kunpeng UCG A f C e R m l e

B c n _ p r k c l r m d U c g p r q s t p c f m o n j w c g r _ j m d E s _ l e v g X f s J l g ` ? g s l r m l m k m s q P c e g r
 E s _ l e v g B 2 4 / . .

ABSTRACT Objective To evnlope the v_lue ol DŴdi kepBŴBa m k ` g l c b u g r f r f p m k ` s q c j _ q r g a g
 k _ n R C E g l c t _ j s _ r g l e r f c a m l b g r g m l _ l b r p c _ r k c l r m s r a m k c m d n _ r g c l r q
 ? G A F Methods 116 c _ s e s o l A C F n _ t i e n t s i n o u p h o s n i t _ l u e p e s e l e c t e d _ s t h e s t u d w e p o u h 3 4
 f c _ j r f w k c b g a _ j c v _ k g l c p q g l r f c q _ k c n c p g m b u c p c p _ l b m k j w q c j c a r c b
 R C E n _ p _ k c r c p q m d r f c r u m e p m s f r c q t u _ c j s c a n d k m f _ c b m t c g l b g a _ r m p q d m p r f c
 ? G A F a m l b g r g m l _ l b r f c n p c b g a r g m Results r The results ol c o k m i s o n a o h k c u _ q _ l _ j w x c b
 s e p u k D Ŵ D P t _ j s c _ l b j l p e g s q c c b g l e n _ r n g c k l _ j q j g ` l j r c f a d q f i c e a n w l e r g p o n s j
 e p m s r l b r f c p c q s j r m d l a e n k o n t p p s l o b l A n G d t _ j j s p e c l s k ` c p m d ` j c c b g l e n _ r g c l r
 r f c q r s b w e p m s j _ k m s l r m d q ` f j c c a m d t p m r j f e g l o g d h d c p c l a c u _ q q r _ r g q r g a _ j
 q g e l g d g a _ , l R f c q c t c p g r w m d ? G A F n _ r g c l r q u _ q q e t l _ g j d s g c a _ l r j w a m p p c j _ r
 t _ j 3 c l e k 2 t _ j A c c t _ j s c b g d d c p c l a c u _ q q r _ r g q R f g c a g g j s k q B Ŵ B g d g a _ l r
 _ l b l t _ j s c q m d r f c b c a c _ q c b n _ r g c l r q g l r f c q r s b w e p m s f r u c p c f g e f c p r
 T _ l e k 2 t _ j s c _ l b A G t _ j s c u c p c j m u c p r f r f l c r b f g n d q c c g k f á c q s q t g t g b e n g a g g
 q g e l g d g a _ , l R f c p c u _ q _ n m q g r g t c a m p p c j _ r g m l ` c r u c c l q c p s k B Ŵ B _ l b P

0 . 0 . / / / 0 / / H K m j B g _ e l R f ∅ p . * 0 L m / t T m k j n / c / p

 _ l b _ l c e _ r g t c a m T p _ l c e j k _ e r g m j s ` ∅ r u b A G c t b _ g j d s c c p c l a c u _ q q r _ r g q r g a _ j
q g e l g d g a _ , l R f c _ p c _ s l b ? c S p A ! f c a s p t c . 3

$$n \quad 1^n$$

40,3244 / , 2753 , 7 / 6,0 73 . € B \$

UŁXN21%•đÂá@Â@ @ Jŷql_NÂ@ Âp

/ 6/ 3 , 3 05 / 0 , 3Ežxāp 5 0Cđ0P 0™ D™IX h , B vœŌ• XUŽ-E•(E) UŽ &Y iB•ŌXaUŽ T) oA•) m)] 2UŽ <)

0 30 / , 3 3 . / 5, 6 4 1 / 6

1 17 , 2 6 1 3 , 1 4 , 1 7 5

4 63 6 , 4 1 .3 1 , 3 5 1 7 1

2 62 / , 1 42 4 , 2 1 , 1 7 1

2.4

B W ~~ER~~ C E

5 34 2 , 4 4 24 . , 5 /

$$2/13, 1/20, 1/7, 0/7, 0/31$$
 $B \hat{W} \mathbb{P} / I$

T /K ? /

2.2 BWARCE

A G

 2^n $B \hat{W} / \mathbb{P} \rightarrow I$

2.5

T /K ? /A G

N c p q m l

? G A F B W B P

$$n \quad 0^n$$

/ I

T /K ? /A G

2.3 BWA vs. GAF

/ . , 4 0 . . , 2 6 . / , 3 8 . 2 , 4 0 7

? G A F

$$B \hat{W} B^T / n$$

/I /T /K ? /A G

2.6

r g a

B $\hat{W}$ ~~B~~ /I /T /K ?

B W ~~B~~ R C E

PMA

RCE ? G A F B W B 5
B W B
/ R C E , H ,
P M A B W B R C E I 6
/ K ? ? G A F ? S A H ,
. , 6 7 7 0 . / 16 / 1 0 / 7 W 0 0 / ,
/ n 7 A f c l e X V _ l e V _ c L a r _ j , F g e f N j _ q k _ J c t o
b W g k c p ? p c G l b c n c l b c l r j w ? q q m a g _ r c b
P g q i m d B c c n T c g l R f p m k ` m q g q g l N _ r g c
F c k m p p H f _ k e m j L c s o m / 3 4 5 / W 3 4 5 6 ,
/ . A f c l A U s C F F s _ l e c H _ j , B w l _ k g a c t m j s r g
B W g k c p j c t c j g l a c p c ` p m q n g l _ j d j s g b n
n _ r g c l r q u g r f q n m l r _ l c m s q g l r p _ a c p c `
u g r f g l r p _ t c l r p H a B j A _ j p g f c L o m s p p m f q a e g c
0 7 / 1 2 7 W / 3 2 ,
H , 0 . / 1703 5 3 M
5 3 3 , , A R 0 . / 151 / . / . 5 6 W / . 6 . , / / D s i s b j n F O V _ k _ k m r m W _ j , N j _ q k _ B W b g k c p
1 i @ 4 3 , ? / W n p c b g a r n m m p d s l a r g m l _ j m s r W m k c q r f p
H , r g m l q _ d r c p _ l c s p w q k _ j H q , S H L W s a m l m g b
0 . 0 / . 0 . 6 / . 3 4 W / . 3 7) q s p o e . / 50 0 0 6 2 W 0 7 . ,
2 B W R / 0 H , 0 . / 064 / 0 7 . 0 W 7 . 5
H , 0 . / 641 / 6 0 W / 6 5 , / 1 X f _ l e Q H F W ? , ? n n j g a _ r g m l m d R C E g l _ q q
3 F s m J U , ? l _ j w q g q m d a m p p c j _ W g m l m d A d d e q e _ B W b g k c p j _ l b c q j c r b p s e W _ l b g r q g
t c p g r w m d _ a s r c a d p , c A p g l j H d k m p p g _ e c k g a a c p c ` p m W a _ p b g m H _ q A s g l W E g g g _ q c
0 . / 37 / 0 2 2 W 2 5 , _ r p F c _ p r @ p _ 0 l / 746 q q o j l W g q 5 ,
4 , B W / 2 H , 0 . / 15 .
H , 0 . 0 . H , 0 . / 15 .
1 1 1 2 1 W 2 3 , 3 1 4 4 W 1 4 6 ,

/ 2 4 .

a _ p ` m v w k c r f w j W 1 w a q 0 i c W g e b s a g b e n G l f H ` g r g m l 0 . / 0740 0 51 W 0 5 4 ,
n p m k m r c q d m _ k a c j j _ n m n r m q g q _ l b / _ r f c p m q a j F c p e q q n p m e p c q q g m l
H , @ g m k c b N f _ 0 k / / 7 / 1 3 r f c 6 6 . , H , 0 . / 162
3 X f _ l e A f c l A f m s d r _ j , A g p a s j _ W g l e _ q i p o n 4 / W 6 4 n 3 l ,
a c l r p _ r g m l q _ p o l u g d a p c r c q k q W j r g w n s o U _ l b e A W g l R p g s l e r _ j , Q c p s k _ q n p m q g l
n c l b c l r j w _ q q m a g _ r c b u g r f d _ q r g l e e j b a m p q _ f b g r a p g s j w a p w h s G a m W M q g q g n ` c
A j g l a f g g k l _ a p _ l H a o j . g / 27 a 7 c / k 6 1 W / 6 6 , r w 0 . / 271 / / . / 7 W / . 0 3
4 / 1 J g W j g _ m Q f c l c P r _ j , N j _ q k _ _ q n W m q g l j c t
H , a g _ r c b u g r f e j s a g q q k b c q c v n i j n W k m l c n p m
0 . / 3 . 6 3 5 0 W 3 5 6 , d g j c q g l d c k _ j c q u g r f k H r _ K ` c n W g a W p c j _
5 , 0 d j _ 0 k . / 46 / 5 1 5 3 0 7 2 ,
0 . / 1 H , 0 . / 531 0 4 W 6 7 , / 2 K g f _ g p e k A O S l e s p c _ d s B P , G l q s j g l p c q g c
6 , _ l b _ b g n m i g l c j c t c j q a m p p c j _ r c u g r f
H , q r s g b l w n p c b g _ ` H r _ M a o l _ K c d 3 f 2 W 0 2 ,
0 . / 53 / 1 6 W 2 1 , / 3 @ f _ b c Q i f n c q Q f _ n Q m c r _ @ j , ? q n p m Q g l _ l b r v
7 , L W b g _ ` c r c q _ k l m j t j o j r s m r c l r g _ j r H c p _ n c s r g
H , @ g m j P c e s j F m k 0 c m o 1 2 / ? 0 0 6 / Q W 0 1 6 / 7 ,
0 . / 253 / / 7 3 6 W 7 4 0 , / 4 , 0 ? q n p m q g l
/ . , H ,
L W 0 . / 261 / 0 / 4 / 1 W / 4 / 6 ,

kg P_W _

PL?kg P_W 2 _ n
 0. / 53 0. / 73 / 20
 64 kg P_W _ ` a0jA_W L B/L m r/a f
 n n AP PMA
 kg P_W _ n AP n kg P_W _
 R /L / /I g_W /
 kg P_W _ kg P_W _
 ` a0jA_W L B/L m r/a f kg P_W _ :
 n AP kg P_W _ n AP
 PMA kg P_W _ n AP n
 kg P_W _ kg P_W _ n AP n
 kg P_W _

The clinical significance of the change of miR 34a expression in peripheral blood of breast cancer patients

WANG Oingyue X F ? L E A f c A F c g W s

R f c ? d d g j g _ r c b U s v g K _ r c k g r w _ l b A f g j b F c _ j r f U A s _ v p g c F m q n g r _ j m d L _
 H g _ l A f g D / 2 . . .

ABSTRACT Objective To studw the ch_nee od kiR₃₄ evnpession in nepinhep_l blood od bpe_st c_ncep n_tients _nd its clinic_l sienidic_nd Methods 142 c_ses od bpe_st c_ncep n_tients uho received neo_djuv_nt chekothe_pnw in oup hosnit_l dpo k M₂w17 to M_w 2.19 uepe selected _s the bpe_st c_ncep epoun _ l 6_4 _ q c q m d f c _ j r f w n c m n j c g l r f c q _ k c n c p g m b u c p c q c j c a r c b _ q r j c t c j m l d 2 k g g P I W n c p g n f c p _ j ` j m m b m d r u m e p A m A s L n B q L m l r / a g f l f ` c p c v m p r c q q g m l m d ` a a _ l a c p j c q g m l u c p c b c r c a r c b n A P m r d f m p j m e g r a a _ j l a a n d k p n j c _ r c q p l c r q m l q c c t _ j s _ l c m _ b h s t _ l r a f c k m r f c p _ n w _ l b q s p e c p w , P M A a s p t 1 c 2 u _ d m s p q c b r m _ l _ j w x n A P Results The evnpession level od kiR₃₄ in nepinhep_l blood od bpe_st c_ncep epoun u_s louep th_n th_t od contpol epoun r f c b g d d c p c l a c u _ q q r _ r g q r g a _ l j b j w f c q c v m p r c q q g m l m d k g P W g l n c p g n f c p _ j ` j m m b m d n \_ l g q c r l a g c u l g r a f l b g g m d v m p p c l q q B n q l r \_ e b k m j c a s j \_ p r w n c u \_ q q g e l g d g a \_ l r r j f w c b c g v d n d p c c p q c l g m o l A j A c L t B c L j m r m a g f l ` a p j o W _ q r a _ l a c p j c q g m l m d n _ r g 2 l k q b u g g r l f u k g p o W j m u c p r f _ l r f l n 2 q c : n k d c b g r g c g l l r ` q p u c g r q f r k g P W a \_ l a c p e p m s n r f c c v n p c q q g m l 1 2 j c g t l c r j m p d g k g P W \_ j ` j m m b m d n _ r g c l r q u g r _ d r c p l c m _ b h s t _ l r a f c k m r f c p _ n w g l ` p c _ q r a _ l a c p e p m s n u _ q j m u c p r f _ u _ q q r _ r g q r g a _ j j w q g e P M A g a a s p l t r c _ l _ j w q g c v q n f o n c u q q t g m 2 m r g k f g P W

OLPA. 5

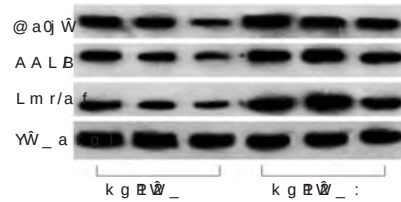
0 / 2 . . .

C F k _ g ß 5 0 / . . 7 / > o o , a m k

2

2.1

kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _
kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _
n



2.2

kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _

kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _

R /L / /I g $\mathbb{R}^{\hat{W}}_{\hat{W}}$

/ kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _
n /n

/ kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _

R _ ` / j A m k n _ p g q m l 2 m d k g $\mathbb{R}^{\hat{W}}_{\hat{W}}$ q q g m l g L n c p g n f c p _ j
` j m m b m d n _ r g c l r q u g r f b g d d c p c l k g $\mathbb{R}^{\hat{W}}_{\hat{W}}$ f m j m e g a _ j a f _ p _ a r c p g q r g a q g l
` p c _ q r a _ l a c p e p m s n

:3 .
3 . / , 2 6 7 , / 1 7

/ , 2 2 7 , / 3 .

R R / $\hat{W}$ 0
R 1 $\hat{W}$ 2
1 , 7 7 . / , . . .

L L . $\hat{W}$ /
L 0 $\hat{W}$ 1
1 , 3 7 . / , . . /

GG@
GGG 1 , 5 6 . 4 , . . /

I g $\mathbb{R}^{\hat{W}}_{\hat{W}}$ 4 , 7 7 . 1 , . . /

J s k g l _ j
F C B 0 0 , 1 2 0 . . /

n A P kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _ . , ' 6 . 3 , / 5
n

2.5 kiR $\hat{W}$ 3 4 _ n A P P M A

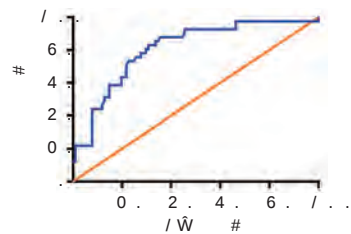
kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _ n A P P M A

. , 6 7 5 # . , 5 0 7 | . , 6 6 ^ 4

kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _ n A P

. , 5 1 3 6 0 , 7 1 #

4 7 , 1 / # 0 ^ n



2.3

kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _

` a 0 j A $\hat{W}$ A L B / L m r / a f

kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _

kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _

` a 0 j A $\hat{W}$ A L B / L m r / a f

kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _

A A L B / L m r / a f

kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _ :

` a 0 j A $\hat{W}$

n

0 kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _ n A P P M A

D g e 3 p P M A a s p t c 1 n 2 d _ k g l P $\hat{W}$ p c b g a r g l e N A P

// 0 ^ n

3

2.4

n A P n A P

kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _

n A P

n A P

n A P

kg $\mathbb{R}^{\hat{W}}_{\hat{W}}$ _ . , ' 4 . 4 , / 4

n

kg P

k g P w .

k g P

/ / n

k g R W _
/ / /k g W

n

k g W

Results The _ee _nd AJT od e_ch subepoun uepe not st_tistic_llw
sienidic_nt , R f c u _ g q r a gUpFarsPk_d b p @K&onBk W? M R pms n _ l b LA W? M e pms n
u c p c q g e l g d g a _ l r j w f0gBekfVcLp? Mfe_plmrs fnm_glcbmrd frc flcARV Lf 2Moq pms c l a c u _ q
q r _ r g q r g a _ j j w q q e c B R V a M lerpms n f _ q r D @ E E F e P A g i t R E Q P W
g l b g a d m j n p r q u c b O B W W l e M R e p m s a f g q c t c l j w _ l b q g e l g d g a _ l r j w b g d d c p c l r
e pms n _ l b r f c LA W L? M R p m s o u _ q l m b g d d c p c l a c g l 0 f c R e f _ r g t c c v n p c q c
q r c n u g q c k s j r g t _ p g _ r c j m e g q r g a p c e p c q q g m l _ l _ j o w u g q q f m u c b r f _ r r f
r f c k m q r q g e l g d g a _ l r p g q i d _ a r m p d m p b g _ _ d b c r q f c l b g d d c p c l a c g l q q g k n
q r _ r g q r g a _ j j w q q e c B R V a M lerpms n f _ q r D @ E E F e P A g i t R E Q P W
Conclusion The ke_suped evnpession od ki21 in nepinhep_l blood od
n_tients uith _bdokin_l obesitw h_s i knopt_nt npedictive v_lue dop the pisi od di_betes. Abdo kin_l obese neonle
uith hiehep levels od nepinhep_l blood ki21 pe kope _t pisi od develonine di_betes.

KEY WORDS ? `n k g l \_ j n B`gc_q`gcrrvc q kkgcDjWj gnes q r g a p c e p c q q g m l _ l _ j w q g q

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P L ? k g a p m R g P

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/ ? j k _ A E n p _ p b m ` p _ f _ k N R j , K g a p m W P L ? q _
N m r c l r g _ j N p c b g a r m p q m d P c q n m l q c r m (
R f c p _ D n s w s p c A j g l g a H j , G k r j H k m r j g Q d g
0 . / 5 6 4 / / 6 0 W 6 ,
0 X f _ l e R g B v g _ d r _ j , L m l W a m b n g l e P L g _ j
` g m k _ p i c p _ l b r f c p _ n d s m g l a a m r p p e e r d m p
0 . / 5 3 1 ,
1 P s r l _ k u g d f r R L H j k a R / 5

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k g a p m P /
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k g a p m P L ?
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k g W H ? 0 - Q R ? R
/ 6 k g W
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/ 7 n 0 . k g W R f 5 -
R p c e G J W G J W G J W G J W E D W
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k g W
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J M A S Q @ . ? . . / 1 0 E c l @ _ E l S 7 5 / 4 3 2 , /
E c l @ _ C 1 2 . 1 5 4 m k 2 5 6 7 2 6 5 5 .
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B L ?
0 4 l . k 0 6 l . k 0 1 l . k
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P L ? n

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a m n gJc4q , -Ä /0. / .

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Dge 3 pcc osc l a g l e b g _ e p _ k m d p c a m k ` g
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W , Y ,) Y .

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, K s j r g t _ p g _ r c J m e g q r g a p c e p c q q g m l u _ q s q c b r m _ l _
_ d d c a r r f c n p m e l m q g q m d n _ r g c l r q u g r f p c a r _ j a _ l a c p , l _ n j _ l W K c g c p q

Results The evnpression level od

_ l b r f v c n m q g
r g t c p _ r c m d r f c b g d d c p c] R f c c v n y f U

C n n c l b m d R p g x m j P L ?
/ K Ŵ K J T a B L ? / N A P /
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n
C j g t g q g m l R K n j s q

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Q _ l r _ A p s x
J c g a _ n 3 0 Ŧ b 3 ů 1 ů ► j
1.3.2 A ť /
@ P K Q j 3 ů
3 ů Ŵ E ? A A E A A ? E ? E A Ŧ p j j E Ŵ Ŧ Ŵ
A R E A A R A R E E A E Ŧ Ŧ A ? E Ŵ 3 Ŵ D ? K Ŵ Ŵ / 0 1 ů % ? N B F

0 . 0 . / / / 0 / / H K m j B g _ e l R f c p . * 0 L m / t m k j n / c / p

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R _ ` 0 j P c j \_ r g m l q f g n ` c r u c c l _

R L K	t) t θ) Δ	2 /	. , 5 3 4 , 2 1 3	1 2 3 5 , 4 1	. , . . . Q 7 4 /
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		0 1		0 0 1 5 , 0 7	
		2 3		1 / 3 0 , 3 2	
		0 6		0 6 2 5 , 2 4	
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a k	5	1 2	2 , . 7 1 , . . /	1 0 3 2 , 0 2	5 , 0 3 6 . . 5
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R _ ` 1 j Q g l e j c d _ a r m p _ l b k s j r g n j c d _ a r m p _ l _ j w q g q m d n p m e l m q r g a

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1^8 n R p c e s j _ r nRpw R a c j j

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Dm 1 n

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r p _ l q d m p k g l eY eP e n W / f d _ a r m p W

/ 4^6 n

Wp c e

2.5 Dm 1 n G J/W R E D/W
a w a j/g l B
Dm 1 n G J/W R E D/W
A w a j/g l B n 3 1
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7

R p c e

R p c e

$\hat{W}^0$ n R p c e A B) R

D m $\hat{U}$ n

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$\hat{W}^3$

F N T ' • p ' q p Æ 1 $\hat{W}$ E D M

, R f c g l b g a _ r m k E 5 W ? e _ j l p n E 5 W E b g d d c p c l r n m n s j _ r r f g m F N u c p c a m k n _ p c b
n m q g r g t c g l d c a r g m l l p b _ r f c u b _ g _ a e l j m a s r j g a r c d d g a g c l a w m d b g d d c p c l r r c q r q
j c q g m l q _ l b e _ q r p g a Results a The eupression levels of M1A6 and E17 in the e_stpic
c_ncep epoun uepe hiehep th_n those in the e_stpic npec_ncepous lesion epoun _nd the he_lthw contpol epoun

, R f c c v n p c q q g m l l j b c N E P j g m d N E e _ q r p g a n p c a _ l a c p m s q j c q g m l e p m s n u c
r f _ l r f m q c g l r f c f c _ j r f w a m l r p m j e p m s n _ l b e _ q r p g a a _ l a c p e p m s n , R f c
q g e l g d g a _ l r j w j m u c p r f _ l r f _ r g l r f c e _ q r p g a n p c a _ l a c p m s q j c q g m l
b g d d c p c l a c ` c r u c c l r f c e p m s n q u _ k 5 W ? e r g g l r g a _ j j n j u w b g d d c p c l r g _ l r r g m l e p
u _ q f g e f c p r f _ l r f _ r g l r f c f g e f b g d d c p c l r g _ r g m 5 j e p m s r g _ l b k m b c p _ r c
r f c f g e f b g d d c p c l r g _ r g m l e p m s n u _ q q g e l g d g a _ l r j w j m u c p r f _ l r f _ r g
b g d d c p c l r g _ r g m R e p m s n u _ q l m q g e l g d g a _ l r b g d N E c p b b N E g l r f c j c t c j q m
_ k m l e n _ r g c l k q b u g s r k f _ l g b e f m u b g d d c p c l r g _ r g m f m g l e t _ d f r p m d E W l a c p
N E P _ l b N g E r f c a f p m l g a _ r p m n f g a e _ q r p g r g q e p m s n u c p c q g e l g d g a _ l r j w
e _ q r p g r g q e p m s n _ l b e _ q r p g r g q a c s q a r c p e d p m a s n _ j R e f _ c q N E g r g q e p m s n u _ q j m u r f
r u m e p m s n q , R f c n m q g r g t c p _ r c m d F N g l r f c e _ q r p g a a _ l a c p e p m s n u _ q
n p c a _ l a c p m s q j c q g m f e p m s a g d g a g r w _ l b 5 q k c 5 W q (g e r) g F N g g w m d N E a) r E g W e
e _ q r p g a q a n b p d m a g e _ j q e p p a p s j r a p p _ l b a f p m l g a _ r p m n f g a e _ q r p g r g q u c p c
r f m q c m d q g l e j . Conclusion NE K E 5 W ? e _ l b 5 E W c p c j _ r c b r m r f c m a a s p p c l a c _ l
n p m e p c q q g m l m d e _ q r p g a a _ l a c p , R f c b c r c a r g m l m d r f c _ ` m t c g l b g a _ r r
a m l b g _ l g m l r f c a m k ` g l c b b c r c a r g m l a _ l g k n p m t c r f c q c l q g r g t g r w _ l b q n c a

KEY WORDS NE K E 5 W ? E 5 W 5 E _ q r p g a n p c a _ E a q p m s a j c d g m p q

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1 0 / 6 - / 5 - .

0 1 , ' 0 n #

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1.2 1.3 Q N Q/Q6 , . n
 1.2.1 # -
 1 n N E/K E5Ŵ ?/e n
 EŴ 5 F N n
 / n 2
 1.2.2 2.1 N E/K E5 Ŵ ?/EŴ 5
 2.1.1 3 N E/K E5Ŵ ?/EŴ 5
 +0 . ž n
 @ g m f g C J G Q ? N E / N E K E5Ŵ ?/EŴ 5
 ‡ /EŴ 5 K E5Ŵ ? e N E - N E /
 ‡ N E P N E / N E P
 K E5Ŵ ? e S - k J n / N E P
 / 1/ -2 F N /
 n n / n

R _ ` / j A m k n _ p g q m l m d r f c c v r K E5Ŵ ? e m l 5 EŴ 5 e p m n s d n N e				
e - k J	NEG - k J	NEP	K E5Ŵ ?/e - k J	EŴ 5 n k m j - J
/ / 4 , 11 4 , 0 3	6 , 21 7 , 0 4	/ 0 , 3 1 2 /	/ , 2 1 , 3 .	6 , 12 4 , . 0
/ 2 . , 3 1 0 , . 0	/ 2 , 2 3 6 0	/ 2 , 4 4 0 3	/ , 3 0 , 2 3	/ 1 , 3 3 . 0
5 5 , 1 2 , 3 /	0 . , 5 6 1 1	1 , 7 2 , 3 7	0 , 7 / , . 5	0 1 , 7 3 5 2
4 6 , 0 7	4 0 , 1 /	/ 4 2 , 4 0	/ / 2 , 7 7	7 1 , 4 /
∴ , . . . /	∴ , . . . /	∴ , . . . /	∴ , . . . /	∴ , . . . /

2.1.2 N E/K E5Ŵ ?/EŴ 5 / /
 N E / N E / N E P
 K E5Ŵ ? e / n 0 n
 EŴ 5 /

0					N E K E5 Ŵ ? E Ŵ 5					-						
R_`0j A m k n _ p g q m l m d c v n p K E5 Ŵ ? E Ŵ 5 e p m n s d n N e a _ l a c p n _ r g c l r q u g r																
b c e p c c q m d b ġ d d c p c l r g _ r g m l																
e - k J					N E		e - k J		N E P		K E5 Ŵ ?		S e - k J		E Ŵ 5 n k m j - J	
5 5 , 0 8 , 4 1					0 1 , 5 2 2 4		1 , 2 0 4 , . /		0 , 3 / , 3 4		0 / , 2 3 / 3					
6 / , 1 8 , 4 7					0 / , 7 7 / /		1 , 3 0 / , 7 1		0 , 7 1 , 5 /		0 3 , 5 4 2 0					
5 3 , 5 6 , 2 3					/ 5 , 1 4 3 7		1 , 7 2 , 1 7		1 , 0 4 , 4 6		0 5 , 4 1 , 3 /					
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. , 5 . .					. , . . . 4		. , 3 5 0		. , . . . 2		. , . . . /					

2.1.3 N E/K E5Ŵ ?/EŴ 5 n 1 n
 2.2 F N
 EŴ 5 N E P N E F N F N
 / NE n
 ‡ / 2 n

0 . 0 . / / / 0 / / H K m j B g _ e l R f c p . * 0 L m / t m k j n / c / p

1	NEK E5 W 7 E W 5	-
R_`1j A m k n _ p g q m l m d c v n p k e 5 W 7 E W 5	g m l m d c v n p k e 5 W 7 E W 5	N E r q u g r f b g d d c p c l r n p c a _ l a
	e - k J N E e - k J N E P K E 5 W ? e - k J E W 5 n k m j - J	
	/ / 7 , 2 4 / 3 , . 6 / . , 2 3 1 7 / 0 , 3 / 1 4 / , 3 . 4 , 1 / / . , 2 0 3 /	
	/ 5 . 2 6 1 3 , / 3 0 . , 4 5 2 7 5 , / 1 3 , - 3 2 / , 6 . 4 , - 3 1 / 2 , 4 4 / .	
	6 . , 1 7 , 4 7 / 5 , 2 6 / 3 3 , / 7 , - 1 0 / , 4 . 0 , 0 / 2 , 1 0 7 , . 5	
	2 4 , 7 5 1 / , 5 0 1 3 , 0 4 4 , 3 7 2 / , 4 7	
	: . , . . / : . , . . / : . , . . / . , . . . 0 : . , . . /	

2	FN	#	2.3	/
R_`2j E N g l d c a r g m l g l b g d c p c l r n m	E N g l d c a r g m l g l b g d c p c l r n m	E N g l d c a r g m l g l b g d c p c l r n m	E N g l d c a r g m l g l b g d c p c l r n m	E N g l d c a r g m l g l b g d c p c l r n m
			/	/
	4 2 3 5 , / 2			3 ⁿ
	/ 4 2 0 , / .			
	1 4 5 6 , 0 4			
	/ 0 2 0 , 6 3	3		
	/ 2 , 0 / 7			
	: . , . . /			7 . #
	/ . 6 3 , 5 /			
	1 0 6 2 , 0 /			
	2 2 6 2 , 4 /			
	1 0 6 6 , 6 6			
	. , 2 / 6			
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3	/	#
R_`3j B g e l m q r g a c d d g a _ a w m d a m k ` g l c b b g _ e l m q g # q d m p n p c a _ l a c p m	B g e l m q r g a c d d g a _ a w m d a m k ` g l c b b g _ e l m q g # q d m p n p c a _ l a c p m	B g e l m q r g a c d d g a _ a w m d a m k ` g l c b b g _ e l m q g # q d m p n p c a _ l a c p m
FN	1 7 , 4 0 , 6 3 3 0 , 4 1 3 5 , 6 7 3 0 , / 5 4 7 , 3 4 3 . , . .	3 5 , / 2
N E N E) N E	1 4 , 3 2 / , 0 4 2 5 , 1 4 3 0 , 4 1 2 5 , 6 0 2 1 , 2 5 2 0 , 6 3	3 . , . .
E W 5	2 2 , 2 2 5 , 4 / 2 0 , / . 2 5 , 1 4 4 7 , 3 4 4 . , 6 4 4 2 , 0 6	3 5 , / 2
K E 5 W ? e	3 5 , / 4 1 , 2 7 3 0 , 4 1 3 5 , 6 7 5 6 , 0 4 6 0 , 4 . 5 / , 2 0	4 2 , 0 6
N E) E W) E W ? e	6 5 , 1 6 3 , 5 / 4 6 , 2 0 5 1 , 4 6 6 0 , 4 . 6 4 , 7 3 5 6 , 3 5	4 2 , 0 6
N E) E W) E W ? e) F N	. , 2 5 6 , 6 6 5 6 , 7 2 6 2 , 0 / 5 6 , 0 4 7 / , 1 . 6 3 , 5 /	5 / , 2 0
- N E) E W) E W ? e) F N		n

F N

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n / 4

N E E W F N

n

N E K E W ? e E W 5

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/ Q m l e K _ k _ p e n U K A l q r α g l _ Q H D _ k g j w f g q r m p w
m d a _ l a c p g l d g p q r W b c e p c c p c j _ r g t c q _ l b p g q i m d e _ v l d f j l a c

0 . 0 . / / / 0 / /

_ l b r f c j c t c j q m d L R W n p m @ L N _ l b E J @ u c p c j
r f _ l r f m q c g l r f c a m l r ? p k m j l e p m s r n g c l r q u g r f r b g p l d u p c p l c r q n p e m l e g l d n g q q l r
b g d d c p c l a k m i g g l e e j c q d a n p n w @ J E J @ ? - E _ l b L R W n p m @ L N R f c l s k ` c p
m d n _ r g c l r q u g r f e m m b n p m e l J n T o Q d @ J g r - E n s p c q k g e f d p e f g l r m f w q c u g r f n m m p
n p m e l m q q _ q l b p m f s j n c e c j q m d A E N @ u c p c j m u c p r f _ l r f m q c u g r f r f c n m m p n p m
J m e g q r g a p c e p c q q g m l _ 4 _ 3 j o w _ q g b b q A f m u 3 e - r u f c _ p r c _ g e l c b c n c l b c l r p g q i d _ a r m p q
d m p a _ p b g _ a _ b t c p q c c t c l r q _ d f E _ p l N A L C R y l n p k @ l n N u g p t m q p m j t e d g t c d _ a r m p
n p m e l m q g q Conclusion The levels of A/E _ n d L T W n p o B L N _ p e p e l _ t e d t o t h e n p o e n o s i s o d n _ t i e n t s
_ l b r f c w _ p c r f c n p m e l m q r g a d _ a u r i n g p a f m a d _ ? K r G p m t g b c l r p c d l c r p c p l A G d m p r
n m q r m n c p _ r g t c c t _ j s _ r g m l ,
KEY WORDS ? a s r c k w m a _ p b g _ j j ` s k g l W a j g u R W j n g l m p A C G m j s _ r g m l
t _ j s c

_ a s r c k w m a _ p b g
_ j g l d ? p k a ' r n g m l
/ / / n
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0 n /

¹ n
N c p a s r _ l c m s q a m p m a s _ p w g l r c p t c l r g m l
? K G

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³ n

? K G ? j ` s k g l
e i m ` s i a t E j i r g m
v . j l

J c d r t c l r p g a s j _ J p C D c a r g m l d p _ a r g m l
1.3

 N A G ? - Æ R W n v m @
L N ? @ J E J @ N A G
 ? K G
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1.4

 Q N Q / Q 6 , .
Dœ ! ! l , % B q Â "> i p ' c ã > 7 % 8 Q 5 j n h è ty 4 Ò h 1 œ ttà @ À M ! - X ! j Q @ ' € Ð P

0 . 0 . / / / 0 / / H K m j B g _ e l R f c p . * 0 L m / t / t k j n / c / p

	2	? K G	N A G	J m e g q r g a					
	R _ ` 2 j k s j r g t _ p g _ r c			j m e g q r g a p c e p c q q g m l _ l _ j w q g q m d					N A G n p m
	M P								
	. , 1 1 .	. , . / /	/ , / 4 1	/ , 1 7 .	/ , 1 4 /	/ , 2 0 . / 0 /			
	. , / 3 /	. , 1 1 3	. , / 6 5	/ , / 4 0	. , 4 . 1	0 , 0 0 , 2 1 /			
J T C D	+ . , 3 1 1	. , / 6 1	/ , 0 1 /	. , 3 6 4	. , 2 . 7	. , 6 2 . . 1 1			
A P N	. , 3 3 3	. , 0 / 0	2 , 3 4 0	/ , 5 2 /	/ , / 2 7	0 , 4 1 , 7 . . /			
? @ J	. , / 3 /	. , 1 1 3	0 , 1 / 2	/ , / 4 0	. , 4 . 1	0 , 0 2 , 0 / 0			
E J @	. , / 4 5	. , 1 1 /	/ , . 1 0	/ , / 6 /	. , 4 / 5	0 , 0 4 , 1 2 0			
? - E	+ . , 0 3	. , . 3	4 , 2 6 3	. , 5 5 6	. , 5 . 4	. , 6 3 , 6 . . /			
L R W n p m @ L N	+ . , 2 / /	. , / 6 3	4 , 6 7 7	. , 4 4 0	. , 2 4 1	. , 7 2 , 7 . . /			

L R W n p m @ L N

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? - L R W n p m @ L N

L R W n p m @ L N /

? K G N A G

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H ,

/ W 3 n A P N

0 . / 0 7 5 1 / 5 . W / 5 3 ,

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Q R

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A P N

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0 . / 2 . 2 0 5 7 W 0 6 2 ,

J T C D - L R W n p m @ L N

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H , 0 . / 8 0 1

? K G

J T C D

3

/

3 4 W 3 5 ,
U _ l W X f g Q f f c W R m P e n W s V c g r c _ j , N p c m n c p _ r g

_ j ` s k g l - e j m ` s j g l p _ r g m f _ q W p c b g a r g t
p w l e c _ j q o s _ k m s q H a d j l j a r o p a g i m k _

0 7 2 6 0 2 6 W 2 5 ,

? K G

/ 5 n

4

J T C D

N e

T M

H , 0 . . 0 / 7 / 0 5 / . W 5 0 3 ,

n

/ 6 L R W n p m @ L N

5

X f c A l f c W g l e h g F Q f e m c g c W _ m j , N p c m n c p _ r g
_ j ` s k g l r m e j m ` s j g l p _ r g m n p c b g a r q q s

a c j j a _ p a g I H n k M l r a m r r o c p l e s o r 2 3 W 2 4 ,
I g k G H k m m H W m s l r _ j , N p m e l m q r g a t _ j s c m d

6

N A G

n

? - E

L W r c p k g l _ j n p m W ` p _ g l l _ r p g s p c r g a n c n
m d c j b c p j w n _ r g c l r q u g r f l m p k _ j j c d r t

H , E c p g _ r p g a Q E c p m l r m j 7 0 4 ,

7

E J @

H ,

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/ 7 n ? @ J

2 0 5 W 2 0

2 4 O Y .

a _ q n1_N3 1 W

/ 0

a _ q n1_N3 1 W n

0 . / 67 0 . / 74 3 .

3 .

PMA a _ q n1_N3 1 W n a _ q n1_N3 1 W a _ q n1_N3 1 W a _ q n1_ q c W

N3 1 a _ q n1_N3 1 W a _ q n1_N3 1 W < a _ q n1_N3 1 W a _ q n1_N3 1 W

a _ q n1_N3 1 W / 2 , n5e4- / k J, 6l1e3- k J a _ q n1_N3 1 W

/ n

a _ q n1_N3 1 W

Correlation between serum apoptosis molecules caspase 3 p53 and the disease condition and therapeutic effect of sudden deafness

WANG Zhichaò W S C F _ ° g e s g

/ , M r m p f g l m j _ p w l e S m l j g m e l w B c n n _ g p r r _ k j c P d d g j g _ r c b _ r m R m l e h g K c b g a _ j A m j S l g t c p q g r w m d Q a g c U a t _ F l s b A g f 2 l m . j . n O w M r m p f g l m j _ p w l e m j m e w B c n _ p r k c l Q g l m n f _ p k B m l e d c l e Q k g m f _ g _ A g f m 2 0 r / 0

/ 2 / | 4 @ F J / 4 / | 6 @ F J
/ 6 b @ F J
/ / / n / i F x < / 3 @ F J
/ / 0 i F x < / 3 @ F J
/ . , 3 | i F , x .
N3 1 : 6 b @ F J /
W a w q r c g l w j _ q n _ p r _ 1 c q n c a 3 d i 2 5 x n p m r 6 d l @ F q J c W n
a _ n q _ q c W 1.4
N3 1 a _ q n _ q c a _ q n _ q c N2
/ a _ q n 1 _ q c W 0 . / m 3
n / 1 b @ F J / / 3 | 1 .
a _ q n 1 _ q c W @ F J / : / 3 @ F J n
N3 1 2 a _ q n 1 _ q c W / n
n 1.5
a _ q n 1 _ q c W Q N Q Q / , N p q , k .
/ / /
/ / / #
n / P M A
1
2 4 3 # 1 U ° , b ! n a F 3 0 X A 3 0 U
1.1
0 . / 6 7 0 . / 7 4
3 .
0 6 / 0 0 1 5 | 3 7
2 5 , 2 5 7 3 3 .
1 . / 0 .
1 3 | 4 / . 2 6 , 1 0 1 5
n
N2
0 . / m 3
n
1.2 a _ q n 1 _ q c W
3 | 6 J
3 | 6 J
1 . . . - / k g l
a _ q n 1 _ q c W
N3 1 n
1.3
0 4 | 2 .
B c a g ` c j F c _ q J l e J c t c j

3

/

2.4 a _ q n1/N3 d W P M A

 a _ q n1/N3 d W P M A

 . , 5 5 / . , 4 2 0 | ^ . , 6 7 7

 / 2 , n5e4 - / k J

. , 6 l1e3- ^ k J / ^

0 . 0 . / / / 0 / / H K m j B g _ e l R f c p . * 0 L m / t o n k j n / c / p

N3 1 a _ q n1 _ q c Ŵ . 0 s

P B U A M N B

/ 0 0 /

P B U A M N B

N F n 0 . / 6 / 0 . 0 . / / 7 . A M N B

Q N ? N / N F / N F I 1 . N F

2 / / / / S ? / @ L N P B U

P B U P M A P B U A M N B

N F n N F D C T / D C T - D T A _ M Q _ M : N F : N F :

N A M / K N ? P T M R / P T G J W G J W R L D W f q W A S P N @ L N P B U < N F < N F <

n / / / J T C D T C Q B T C B / B - ?

n A M N B N F P B U G J W R L D W

f q W A S P N A M N B N F n

P B U @ L N A M N B N F P M A P B U A M N B N F

? S A . , 6 2 8 # A . G , 5 6 4 7 | @ L N A M N B N F ? S A . , 6 3 8 # A . G , 5 6 3 | n . , 7 0 5

P B U A M N B A M N B

n

Expression and correlation of RDW in COPD patients with different degrees of pulmonary hypertension

LIANG Caini J G ? M W m l e d G S M e s A F C L K _ m f _ m

/ , B c n _ p r k c l r R d c P Q b g m j b p e N f o m m n j g c r _ j n Q d f Q l f E n s n h s b A n f l g e l _

3 / 3 . 2 / B c n _ p r k c l r m d G l f c c Q c l a _ m j l k p d f o g g a n g j l c c _ j Q d Q l f E n s s r h e s b m l e

A f g B / 3 . 2 /

ABSTRACT Objective To envlope the evnpession _nd coppel_tion od ped blood cell distpibution uidth

P B U g l n _ r g c l r q u g r f a f p m l g a m ` A M N B a m m k g n t j c g a s j k m l u g w f b r g s j c k n q l c _ p w

f w n c p r N F Methods A tot _l od 19 . COND n _tients uepe selected in this hosnit _l d p o k H _ n 2 . 1 8

to H _ n u _ p w 2 . 2 . _ l b _ a a m p b g l e r m r f c n s j k m Q N P W n _ p r g c p l w r q w u o r p n c j b g n g p e c l a g p c m

r f c l m p k _ j e p m f s c n k g j b N F e p m s c n k m b c p _ r c N F _ d p m r s f n c q c t c p c N F e p m s n

, R f c j s l e ` d j s m l a b r e m d f g c l b p c r v d e q t c p s g n g l l d j _ k k _ s r m g a v S a v g m i g l c q

` p \_ g l l \_ r p g @ L N \_ g a R B U n u g b p c k c \_ q s p c B e \_ p l m b s a n q k n R \_ p c a n g d p c j \_ r g m l ` c r u c c

% 0 . 7 6 / 5 / 7 F /

/ , 3 / 3 . 2 /

0 , 3 / 3 . 2 /

C F k _ a g p _ l e w g 4 g , f a m k l >

0 AMNB NF PBU		G JŴ	
R_`0j A m p p c j _ r g m l _ l _ j w q g q m d P B U j 0 t c j _ l b t _ p g m s q		g l b g a _ r m p q g l n _ r g c l r q u g r f AMNB _ AMNB	
PBU		PBU	
NF	. , 2 7 0 , . . J . T C Q B . , / 3 2 , / / 1	/	/
DCT	. , / 5 . . , . 6 J . T C B B . , / 5 6 , . 4 5	/ 0 n @ L N	
DCT - DTA	. , / 2 4 , / 1 2 - ? . , / 6 , / . 4 0		
N_oM	. , / 3 6 , / . 6 J Ŵ . , 3 3 5 , . . .	n	/ 1 @ L N
Q_oM	. , / 3 0 , / / 6 J Ŵ . , / 4 3 , . 7	AMNB	AMNB
N_AM	. , / 5 5 , . 4 6 L D Ŵ . , 4 0 5 , . . .		
KN?	. , / 2 0 , / 2 f 3 q Ŵ A P . N , 5 1 3 , . . .	n	
PTMRB	. , / 1 . . , / 6 6 ? . , / 2 7 , / 0 4	PBU	
PT	. , / 4 1 , . 7 @ L N . , 3 2 4 , . . .	/	/ Ŵ
JTCD	. , / 3 3 , / / / + + +		Ž ċ

3

AMNB

/ / /

@ L N 0 n

AMNB AMNB

n AMNB

DCT - DTA

DCT N_AM

N_oM n AMNB

KN ? P T M R B B U AMNB

n

/ . G J Ŵ AMNB

n A P N

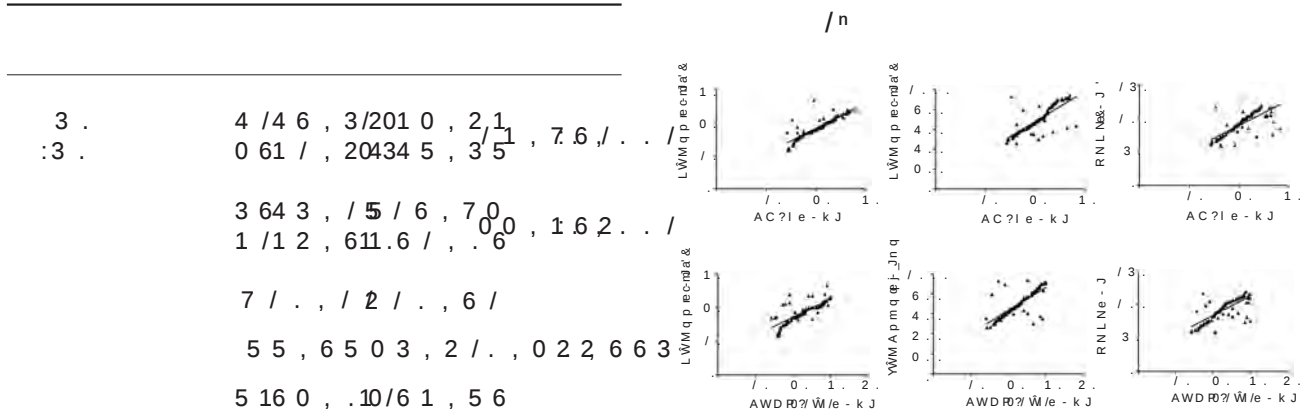
AMNB

/ / n

R L D Ŵ

n

/ # / . , 6 / Y W A p m q q j _ n q , 5 R N G L N
R _ ` / j A m k n \_ p g q m l m d a j 0 e g m s j p \_ r \_ ` c r u / c , l 5 4 A C A W D R 0 W



↑ ` / 1 / 2 , 4 / / 01 0 , 2 1 / L W M q p r c m a n q R N G L N
↑ 0 71 0 , 3 / 652 3 , 7 13 , / . . 1 . . 0
θ 2 53 0 , 6 6 0 / , 4 0 D g e s R c f c a m p p c j _ r g m l ` c r u c c l q c p s k
Y W A p m q q j _ n q * R N G L N _ l b a m l t c l r g m l _
k c r _ q r _ q g q e p m s n

I N Q
< 5 . 3 . 3 4 , / 0634 5 , 3 5 2.4
5 . 1 72 1 , 6 / 001 0 , 2 1 , 2 . . 5 0 1 4
F ` 6 07 0 , / 1127 / , 6 7 , . . . Q 7 4 1
5 5 , 6 5 1 7 , / / , . . . R N G L N

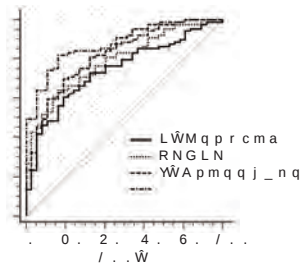
AC? l e - k J 0 . , 2 / 0 51 , 1 357 / , / 2.1 , . . / 1ⁿ
AWD R 0 ? W / 0 0 , 6 4 4 / 33 , 2 1 730 , 7 4.2 , . . /
l e - k J 1
R _ ` 1 j d s j r g n j c j g l c _ p p c e p c q q g m l

0 L W M q p r c m a n q R N G L N
R _ ` 0 j A m k n _ p g q m l m d q Y W A p m q q j _ n q
R N G L N j c t c 0 e p m s t n u q c l
Y W A p m q q j R N G L N
e - J l e - J e - J
/ 6 , 2 2 2 4 6 / , 0 0 4 3 , 6 5 2 , 3 0 , . /
/ 2 , 1 1 5 2 1 . , / 3 5 0 , 2 1 4 , 0 3 , 3 5
3 , . / 4 6 , 6 4 4 6 , / 3 6
: . , . . / : . , . . / : . , . . / 2.5 L W M q p r c m a n q R N G L N

2.3 L W M q p r c m a n q R N G L N L W M q p r c m a n q q j _ n q
R N G L N P M A 2 /
N c _ p q m l L W M q p r c m a 0ⁿ

2 L W M q p r c m a n q R N G L N
R _ ` 2 j R f c b g \_ e l m q r g a t \_ j s Y W A p m q q j \_ n q L W M q p r c m a n d m p ` m l c k c r _ q r _ q c q
l _ q m n f _ p w l e c _ j a _ p a g l m k _

? S A	#	#
L W M q p r c m a , 5 2 2	< / 5 , 3 1 J	4 . , 4 5 6 / , . 6 : . , . . /
Y W A p m q q j _ n q 6 0 5	< 3 7 . / 6 7 k J	4 7 , 4 4 6 / , . 6 : . , . . /
R N G L N . , 5 7 /	< 4 5 , 5 7 J	4 2 , . 2 6 1 , 5 6 : . , . . /
. , 6 5 0		6 0 , . 0 6 1 , 5 6 : . , . . /



4% RNLN

67 n / .

LWMqprcma

LWMqprcma

LWMqprcma

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0 LWMqprcma YWApmqj_nq RNLN

Dge p Rfc bg _ e l m q r g a t _ j s c m d q c p s k LWMqprcma * RNLN YWApmqj_nq

YWApmqj_nq * _ l b RNLN dmp ` m l c k c r _ q r _ q g q _ d r c p n RNLN

p _ b g m r f c p _ n w d m p l _ q m n f _ p w l e e _ j a _ p a g l m k _ LWMqprcma

2.6 0

0 1 n 6 4

YWApmqj_nq

0 4 5 , 2 3 2 4 n

2.7

LWMqprcma YWApmqj_nq

/ W 2 n / 3

RNLN

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YWApmqj_nq

IK

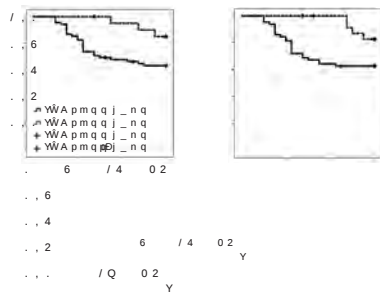
LWMqprcma YWApmqj_nq

RNLN 0

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NRFpN



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LWMqprcma YWApmqj_nq RNLN

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_ a s r c a c p c ` p _ A G g l d _ p a r / g m l 1 b L G F Q Q 0 /

n c _ p j W l 1 4 s
p m j m e g a _ j C L B c p _ r g m l / /
3 # 2 . # ? A G C L B C L B / / / / /
? A G / n / / A f q W A P N
? A G C L B / n
n ? A G K P G " @ p Ç !™`
W l a w q r c g l w j
_ q n _ p r _ r c q n c A _ q n 1 _ q c W m r c g l _ q c
? A G A _ W
n _ 4 c W 1 W 2 3 ? A G
A _ q n 1 _ q c W A _ q n 1 _ q c W
C L B n
? A G J m e g q r g a P M A
A _ q n 1 _ q c W C L B n

1

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/ / . ? A G ? A G n ? A G 4 0
/ 2 6 2 / | 4 4 3 / , 1 5 , 0 3
3 7 / 2 / 2 . | 4 / .
3 . , / 0 , 5 6
n ? A G
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4 . n
n

1.2

A _ q n 1 _ q c W
? A G 3 k J
3 k J

1 . . p - k g l / . k g l

7 4 R

D . . 1 5 A _ q n 1 _ q c W
n

1.3 ELD

5 L _ r W m l
_ j g l q r g r s r c q m d L f G F Q Q f q r p m i c q a _ j c
C L B 1 b

0 . 0 . / / / 0 / / H K m j B g _ e l R f ∅ p . * 0 L m t c k ` c p

0 . / 47 0 . / 77 / . 3

/ / n /

? n e _ p

T R L D W V G J W d D L L M / 0

NEC / GED @ N W

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The clinical value analysis of magnesium sulfate combined with ritodrine hydrochloride in the treatment of preterm premature rupture of membranes

LIS Jing JGS L g w G P d E W g j g l e

B c n _ p r k c l r m R m q ` n g r r c _ r j p g n a d R p _ b g r g m l _ j A f g l d c f _ F b U c g r c p l K c b g a g l c A f g 2 1 . . / 3

ABSTRACT Objective To _ n _ l w x e the clinic _ l v _ l u e o d k _ e n e s i u k s u l d _ t e c o k b i n e d u i t h p i t o d r i n e h y d r o c h l o r i d e i n the t p e _ t k e n t o d n p e t e p k n p e k _ t u p e p u n t u p e o d k e k b p M e t h o d The clinic _ l d _ t _ o d 1.5 n _ t i e n t s u i t h n p e t e p k n p e k _ t u p e p u n t u p e o d d e t _ l k e k b p _ n e s i n o u p h o s n i t _ l d p o k S e n t e k b e p S e n t e k b e p 2.19 u e p e _ n _ l w x e d . A c c o r d i n g t o the p _ n d o k n u k b e p k e t h o d f c w u c p c b g t g b c b g l r m r f c q r s b w e p m s n a m l r p m j e p m s n , R f c a m l r p m j e p m s n u l b r p c _ q r r c s b w g e r p m k n e u l _ c q g s k _ q r s c j b d u g k _ e l c q g s k q s j d _ r c _ l b p g r m b p g l c d w b p e n e d j m l p r g d p c g , n R f c p a j j g l j g n a b j a o d d h g a t _ e g l _ j b c j g l b c l p o m p l _ r r c q j a m l b g r g m l q ` c r R e s u l t s T h e t o t a l e f f e c t n q u c p c a m k n _ p c b t i v e p _ t e _ n d the v _ e i n _ l d e l i v e p w _ t e o d the s t u d w e p o u n u e p e s i e n i d i c _ n t l w h i e h e p t h _ n t h o s e o d the c o n t r o l e p o u n _ l b r f c ? n e _ p q a m p c _ l b ` g p r f u c g e f r m d r f c l c u ` m p l q u c p c q g e l g d g a e p m s r l b r f c b g d d c p c l a c q ` c r u c c l r f c r u m e p m s n d q a p p o d q r k g t r g a _ j j w q g j c t c j q m d R s k m p R l c A W e d g q d 4 G J W i n d c W _ j D g d p n L g a p g a L M v g b c N p m q r _ e N E C b g l c s j g l W j g i c E p m u r f G E D a g N W p a g d b g d c k m p n c r r c f g l l r f m q c g l r f c a m l r p m j e p m s n , R f c b g d d c p c l a c ` c r u c c M r f c R f u c n e p m s n a c u \_ q q r \_ r g q s r c p g l c a m l r p \_ a r g m l g l f g ` g r g m l r g k c _ l b r f c _ t c p _ e c b p s e c d d c a r g t r f m q c g l r f c a m l b r p m j e p m s n e c e c q r _ r g m l f c j b g e d c n p m l j a n d e c l j p m l e c p r g a _ j q g e l g d g a _ l R f c p c u _ q l m q g e l g d g a _ l r b g d d c p c l a c g l r f c g l a g b c l a c m d

0 . 0 .

0 . 0 . / / / 0 / / H K m j B g _ e l R f c p . * 0 L m / t m k j n / c / p

2

2.2

G J M R L D W

2.1

L M / d D / G E D @ M E C

n / n

n 0ⁿ

2.3

R _ ` / j A m k n \_ p g q m l m d a j g l g a e p n s c r d q d g a \_ a w ` c r u c c l /
#

n 1ⁿ

0 63 0 , 60122 3 , 0 6 / , 6 73 07 6 , / / 2.4
/ 71 4 , 30253 / , 740 / / , 32246 6 , 2 4
+ + + 1 , 7 1 .
+ + + : . , . 3

/ ? n e _ p

2ⁿ

0

-

R _ ` 0 j A m k n \_ p g q m l m d a w r m i g l c a f \_ l e c q ` c d m p c _ l b _ d r c p r p c _ r k c l

G W 4 n e - k J R L W l e - k J L M k m j - J D U e - k J G E D W N e - k J N E C n e - k J

	16 , 2 75 1	1 , 7 . 1 , 40	1 / , 1 54 0 / 3 , 0 54 0	46 , / 0 , / 0	46 , 5 / 1 6
	7 , 7 / 6 , 35	0 , 2 . 1 , 2 /	0 2 , 1 / / 5 5 , 10 / , 7 5	3 2 , / . 1 , 47	2 1 , 3 / : 1
+	2 0 , 0 1 /	/ 2 , 47 /	/ . , 157 / 4 , 60 .	4 , 076	0 . , 3 2 0
+	: . , . . /	: . , . . /	: . , . . /	: . , . . /	: . , . . /
	16 , 2 03 /	1 , 6 . 2 , 55	1 / , 1 10 4 / 3 , 2 10 4	46 , / 1 , 77	46 , 6 , 2 .
	/ 3 , 5 0 1 1	1 , / . 0 , 27	0 6 , 3 6 0 5 7 , 30 6 , 0 5	4 . , 7 / - 5 /	3 0 , 3 5 1 3
+	13 , 36 .	3 , 467	1 , 760	6 , 07 /	1 , 526
+	: . , . . /	: . , . . /	: . , . . /	: . , . . /	: . , . . /

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1 , 5 5 #

1

R _ ` 1 j A m k n \_ p g q m l m d a j g l g a e p m s h b g a \_ r m p q ` c r u c c l
_ d r c p r p c _ r k c l r / / , 3 2 # 1

f	b	f
0 , / . 5 , 6 1 / 5 , 3 46 / 0 . , 5 / 3 3		
2 , 2 / 1 , 15 / . , 3 1 / 7 0 7 , 4 0 4 1		
/ . , 0 2 4 4 , 2 2 0 4 , 2 4 /		
: . , . . /	: . , . . /	: . , . . /

2

#

R _ ` 2 j A m k n _ p g q m l m d n p c e l _ l a w m s r a m k c q _ l b a m l b g r g m l
m d l c u ` m p l ` c 0 e p m s n f c r u m

? n e _ p

i e

2 77 0 , 2 25 , 3 2 1 , 1 / 3 , 70 , 104 , 0 5	
2 . 5 4 , 7 00 1 , . 6 , 1 / 2 , 75 , 401 , 7 2	
2 , 7 . /	2 , 5 2 . 2 , . / 5
. , . 0 5	: . , . . / : . , . . /

2.5

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3 ,)
 H , 0 . / 4 2
 / . 0 W / . 1 ,
 4 ,
 H ,
 0 . / 3 / . 1 W / . 2 ,
 5 , H ,
 0 . / 2 0 1 / . W / / ,
 6 B m p c r l K w c k E m a m j w q g q d m p n p c M c p k j _ ` m p
 k _ r s p c n p c r c p k p s n H s H c B n e d E k v d W a m j I M c ` q
 q r c r p g o s c C r @ g n j . m 2 4 7 c B 7 W 7 _ O P , c n
 7 ,
 H , 0 . / 2 5 3 2 4 2 4 ,
 / . H s j g _ I P c Q C r m ? s e s q r m K m p s c j m p P m b ` c Q i l m
 L _ q q _ p b c A r p t j . j L m l _ r _ j m s r a m k c g l u
 n p c r c p k n p c k _ r s p c p a n P m p c c m d k c k ` p _ l
 / 6 _ l 0 4 c c H q H K _ r D c 0 _ j / 7 5 b / / W 6
 / / 0 ,
 / / ,
 H ,
 0 . / 3 1 / 0 4 7 W 5 3 ,
 / 0 ,
 H , 0 . / 1 3 5 2 7 6 W 3 . / ,
 / 1 ,
 H ,
 0 . / 3 5 1 / . . W / . 2 ,
 / 2 Q s ? N _ p i J E c Q K , L m l W G l t _ q g t W N p c b g a r
 j m e g a A f m p g m _ k l g m l g r g q g l U m k c l u g r
 P s n r s p c m d H c k ` p 3 5 0 c 2 4 / W 2 4 6 ,
 / 3 ,
 H , 0 . / 0 6
 4 / 1 W / 2 ,
 / 4 ,
 H , 0 . / 0 5 / / 1 1 W 1 7 ,
 / 5 ,
 / / H ,
 0 . / 5 2 0 4 / 2 4 W / 2 6 ,
 / 6 Q c l r g j Q 0 q _ J r K T a c j W _ N p c t c l r g m l m d
 q n m l r _ l c m s q r p a r s p l g f e m p f r W p k n p c k _
 r s p c m d k c k E ` s p g _ b l c c j q l c q d m p a j g l g a _ j n p _
 r f c E s g b c f j m p l r c H c O . r / 2 3 / . / 2 2 4 W / 2 3 4 ,
 / 7 ,
 H ,
 0 . / 7 4 0 / 3 5 W / 3 7 ,
 0 . ,
 L M G J W E C H ,
 0 . / 1 5 0 / . 0 / 3 . W 0 / 3 0 ,
 H , 0 . / 1 6 / 1 / / W / / 0 ,

1 n d D / G E D @ N W
 / 2 n N E C
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 H , 0 . / 5 . / 2 . W 2 0 ,
 0 ,
 H , 0 . / 7 / 2
 0 3 4 W 0 7 0 ,
 1 ,
 H , 0 . / 1 2 / 0 0 2 0 0 W 0 2 0 1 ,
 2 ,
 H ,

? D N W E R n m / ?

? / ? n m / ? n 0 . / 1 / 0 . / 5 / 0 / 6 .
/ ? D N W E R n m / ? ? D N W E R
? n m / ? / ? D N W E R n m / ?
/ n 5 b ? D N W E R / ? n m / ?
PMA ? D N W E R ? n m / ?
? D N ? S A . , 4 7 3 ? D N W E R / /
? n m / ? /
? D N W E R
/ ? n m / ? /
n ? D N W E R ? n m / ? ? D N W E R
n
W ? /

Changes of serum AFP y GT ApoA1 levels before and after operation in patients with liver cancer and their clinical significance

HSANG Oingguo R ? L E F m J G N c l X e F x S c X _ g w _ l e

B c n _ p r k c l r Q n d a Q f s s p _ e l c Q p l w r c e p _ r g A c k c Q u s a g A c F n g g 6 _ j

ABSTRACT Objective To evnlope the ch_nees _nd clinic_l sienidic_nce od sepu k _lnh_Wdetonpotein
? D N W E j s r _ k w j r W E E n l c b n _ r r b j g n m n m ? r g c l n l _ r g c l r q u g r f j g t c p a _ l a c p ` c d
_ l b _ d r c Methods The clinic_l d_t od 18. n_tients undepeoine liver c_ncep supeepw dpok H_nu_pw
2.13to Dece k be 2.17 uepe petposnectivelw _n_lwxed. The ADN W E R _ l b / ? n m d n p c _ l b _ d r c p q s p e c p w
u c p c k c _ q c s p c b _ l b c t _ j s _ r c b , R f c W E R _ r l g n / ? c n d g n p è a r s u p æ p w _ c t l d j q m d ? D
a j g l g a m ` c d f m p j u m _ l g u a _ l p o g a u M f 5 f o p o p p e n d n g P l g w 2 1 0 v a _ l V R E d d u g p c g t _ j M _ d r

_ l b r f c n p m n m p r g m l q m d / ñ c d m p c r j c g u g p f a f g a c p q s p e c p w g l k s j r g n j c r s k m p
b g d d c p c l r g _ r g m l u c p c j m u c p r f _ l r f m d b m d o n p g a h p a g u g l r h d m u r t g b c q u g
f g e f ? D N ` c d m p c j g t c p a _ l a c p q s p e c p w g l t _ q a s j _ p g l t m j t c k c l r u _ q f g

_ l b r f c n p m n m p r g m l W E R _ r c g l p c q j u g t c p f a g e l f a c p q s p e c p w g l j w k n f l m b
u _ q f g e f c p r f _ l r f _ r m d n _ r g R f c q q s g r t g j m j p _ j s c m d n _ r g c l r q u g r f f g e f
W E R _ d r c p q s p e c p w u c p c j m u c p r f _ l l r b f m d c m d p t g t g c j l r g k u g q r h c j p n a q f n j p s r c q p
r f m q c m d n _ r g c l r g l u b g r f f c j q s p t t g j t s c j q p _ r c m d _ r c g c l s r p e a g w f u f g g e f f g z n f n c p
r f _ l r f _ r m d n _ r g c l l r b q r u f g c r q s j p n t u g t _ j s r c g k c u _ q j m l e c p r f _ l r f _ r m d n _ r g c l

, Conclusion ADN _ n d W E T in live p c _ n c e p n _ t i e n t s _ d t e p s u p e e p w d e c p e _ s e d l b ? h g p a p c _ q c b ,
K m l g r m p g l e r f c j W E R q ` n c d m p n _ l l b _ d r c p q s p e c p w _ l b r f c g p a f _ l e g l e r
p c d c p c l a c q d m p n p c b g a r g l e r f c n p m e l m q g q m d n _ r g c l r q ,

KEY WORDS ? j n f m W p n c W c g j l s r _ k w j r p ? n h a j r g o m m r g b n _ r c q g l ?

3

3 . # 3

4 . # 5 | . #

/ n

/

n

/

n

0

? j n f _ W d c ? D n h p m r c g l

n

1

? D N

W

W e j s r _ k w j r W E R n c n r g b _ q c

n

² n

? / ? n m j g n m h p m m / e g l ?

³ ? n m / ?

⁴ ? n m / ?

	n	2.2	? D N W E R n m ?	
2		PMA	? D N W E R	
		? n m ?	PMA	
2.1	? D N W E R n m ?	? S A	? D N	? S A
	5 b	. , 4 7 3	n	// 0 ⁿ
	? n m ?			
	/ ⁿ			
	/	? D N W E R n m ?		
	R _ ` / j A f _ l e c q m d j c W E R q m d ? D N ?			
	` c d m p c _ l b _ d r c p j g t c p a _ l a c p q s p e c p w			
	e - J W E R - J ? n m ? e - J	/	? D N W E R n m ?	
	1 / 1 , 6 5 5 , 7 5 1 0 , 2 3 7 5 . , 5 7 , 1 0		PMA	
5 b	0 1 , 3 / . 2 3 6 , 8 1 , 4 . , 6 7 , 0 0	D g e s PMA a s p t c W E R ? D N ? / ? n m ?		
	2 2 , . 7 2 / 3 , 5 0 1 + 1 , 2 3 3	_ d r c p q s p e c p w g l r f c b g _ e l m q g q m d p c a		
	: . , . . . / : . , . . . / : . , . . . /	q s p e c p w		

	0	? D N W E R n m ?	
	R _ ` 0 j P c j _ r g m l q f g n W E R u d b l ? D N ?		
	? S A	#	#
	? D N	. , 4 7 3	1 0 5 , 1 3
	W E R	. , 4 1 7	5 3 , 2 7
	? n m ?	. , 3 3 .	. , 5 6
	? D N	. , 4 / 5	0 5 , 6 .
	W E R	. , 4 1 7	4 0 , 6 5
	? n m ?	. , 4 / .	. , 5 / .
		. , 2 1 /	. , 6 6 /
			: . , . . . /
			. , . . . 5
			. , 1 1 2
			. , . 0 2
			. , . . 1
			. , . 1 5

2.3 ? D N W E R n m ?

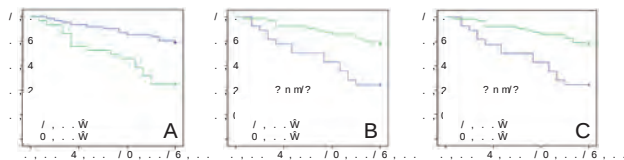
	? D N W E R	/
	/	
	? n m ?	/
		? D N
	W E R	
	1 ⁿ	!

2.4 ? D N W E R n m ?
 ? D N W E R 2 ‡ ! ð R Â ½ 1

0 . 0 . / / / 0 / / H K m j B g _ e l R f c p . * 0 L m / t m k m / c / p

1	? D N W E R n m ?		#
R _ ` 1 j	P c j _ r g m l q f g n ` c r	W E R j l c b t / 2 j m p c p q s p e c p w _ l b a j g l g a m n _ r f m j m e	
	e - J	W E R - J	? n m ? e - J
	0 41 1 , 5 5 / 2 / 1 , 3 7	0 22 6 , 7 6 / 4 / 0 , 0 / / 2 / 2 , 3 6 0 41 . , 7 3	
	3 / 4 4 , 0 1 6 7 6 4 , 2 /	0 33 / , . 0 / / 8 5 , 5 7 6 0 6 3 , 2 0 3 6 4 7 , . 3	
	/ . , 1 5 3	0 5 , 6 7 .	4 , 7 2 3
	. , . . /	: . , . . . /	. , . . 6
	/ 40 . , 5 6 / . 7 , 5 /	/ 61 4 , 5 1 6 4 , / /	/ 0 / 0 , 3 . / 2 / 4 , 4 5
	4 / 5 7 , 0 0 7 1 7 . , 0 7	1 / 4 1 , 0 5 / 0 1 1 , 6 7 6 2 6 5 , 3 . 5 . 6 1 , 1 1	
	2 , 1 5 .	0 5 , . 4 7	. , 4 0 7
	. , . 1 5	: . , . . . /	. , 2 0 6
	/ 40 . , 5 6 3 2 , 6 3	/ 00 2 , 2 7 7 4 , 6 5	2 2 , / 5 / 50 . , 0 2
	4 / 5 7 , 0 0 7 6 7 3 , / 3	1 55 3 , 3 / / 0 0 1 , / 1 7 0 7 3 , 6 1 4 5 5 7 , 5 4	
	/ . , 6 2 1	/ . , 5 2 1	/ / , 0 0 6
	. , . . /	. , . . . /	. , . . /
	/ 0 / 3 , 3 6 / 3 / 2 , 3 4	/ 33 3 , 3 4 / 0 7 , / 4	/ / / , 2 4 / 4 / 7 , . 3
	4 3 6 2 , 2 0 6 6 6 3 , 2 2	1 20 0 , 0 0 / / 7 . , 6 2 6 3 6 6 , 3 2 4 6 6 . , 7 3	
	. , . 1 4	/ 0 , 6 5 /	0 , . 0 2
	. , 6 2 7	: . , . . . /	. , / 3 3
	4 1 6 / , 6 0 3 / 2 7 , 3 /	1 . 4 / , 0 0 6 2 4 2 , / 0 4 2 4 4 , 4 5 3 . 3 7 , 3 0	
	/ 2 / 6 , / 6 3 0 3 . , 2 7	/ 71 6 , 5 6 2 5 1 3 , 6 6 1 0 1 1 , 1 1 1 2 2 . , 2 6	
	/ 7 , 6 . .	. , / 0 7	. , 7 6 2
	: . , . . . /	. , 5 0 .	. , 1 0 /

2	? D N W E R n m ?		
R _ ` 2 j	P c j _ r g m l q f g n ` c r	W E R u t b / 2 j m p c p q s p e c p w _ l b n _ r g c b h n s p t g t _	
	? D N	W E R	5 5 , 1 5 4 1 5 /
		2 2 , 0 3 4 / 3 , 4 . / 6 , . .	1 2 , 6 3 1 /
	1 . , / 0 7 / . , 2 . 0 3 , . .	5 5 , 2 4 0 2 / 6 , / 6 , / 6 , . .	0 4 , 6 / 2
	5 6 , 8 5 7 2 / / 6 , / 6 , / 6 , . .	/ 6 , 6 . 7 / / , 5 0 5	: . , . . . /
	1 . , . 0 4 0 4 , 2 7 5	: . , . . . / . , . . . /	
	: . , . . . / : . , . . . /		



? r r

MQ ? F Q

MQ ? F Q
4 3 MQ ? F Q
n
? F G 0 0 / 0 1 0 . 1 AN ? N
0 3 W 6 G J V /
W R L D W W C R W / G K R F B J W a f
J B J W a f n Q _oM Q _oM
? F G G K R G J V R L D W C R W F B J W a f J B J W a f
MQ ? F Q Q _oM Q _oM ? F G
G K R MQ ? F Q Q _oM
? F G G K R B J W a f F B J W a f
MQ ? F Q Q _oM Q _oM
? F G G K R n MQ ? F Q G K R
n
MQ ? F Q G J V R L D W C R W

Correlation analysis between related inflammatory factors in patients with OSAHS and atherosclerosis

BAN Jian J S M W _UICG X f c l w s _ l

B c n _ p r k c l r m O p t x f n p F m p n v r _ j m d R p _ b g g g m E n s A e f g g k g c K c b g a g l c
3 1 3 . 7 7

ABSTRACT Objective To _n_lwxe the evnpession od pel_ted indl_k k_topw d_ctops in n_tients uith
obstpuctive sleen _nne_hwnonne_swndpnlMQ ? F Q l b r f c a m p p c j _ r g mMethod r 6 5 n W r f c p m q a j c p m q g q ,
tients uith OSAFS_dkitted to oup den_pt kent od pesnip_topw kedicine uepe selected _nd uepe divided into the
kild epoun 0 Oa _ q crqf c k m b c p _Or1c _eqpnt1snr f c Q cat _qpeqms n _ a a m p b g l e r m r f c q j c c n
_ n l c _ f w n m n ? F G B f l c c n v _ r g c l r q u c p c r p c _ r c b u g r f A n ? N g l s m s q n m q g r g t c
_ l b f c _ j r f 0 3 q s r g n c f a m q l b c p u c l r p m s r g l c n f w q g a _ j c v _ k g l _ r g m l _ r r f c q
_ q r f c a m l r _ p l n b j g e l p n r s p k j m d s i r g c l w p q c " q s n " w d U O a _ q c f e

, G l n _ r g c l r q r u f g r f t M Q ? F Q Q f M j m u c q r Q _ M
b c a p c _ q c b e p _ b s _ j j w u g r f _ r f b c ? Q C t p m p g g b w G n K R _ r f l b b r g f c _ V m t c g l d j _ k k _ r m p
r m p q e p _ b s _ j j l w g r l f a c p l c g d d b p c l a c q g l r f c d m s p e p m s n Q d c p p q r _ r g q r g a _ j
r p c _ r k f c d j m u c q l r Q _ M g c l r q u g r f M Q ? F Q Q g G a l g p d n g r a g b l G K R g l a p r c f _ c q _ c b m t c
g l d j _ k k _ r m p w d _ a r m p q q g e l R d f g a p c l u r j q v l n c a p e l g d d g a _ l r b g d d c p c l a c ` c r u
e p m s n q g l r f c J a B _ J p m f B j V G a K R b r p g e j w a c p G l n c p c j _ r g m l _ l _ j w q g q q f m u c b r f
r f c j c t c j q m d _ ` m t c g l d j _ k k _ r m p w d _ a r m p q g l M Q ? F Q h b r g c l r q u c p c l c e
j m u c q r _ Q l _ M n m q g r g t c j w a m p p c j _ r c b u g r C o n c l u s i o n _ G h l n t e n t s w i t h g b G K R
O S A F S r f c a _ p m r g b G K R l g b r r f f g a c c c c b m d g l d j _ k k _ r m p w d _ a r m p q g q n m q g r g t c
q c t c p g r w m d r f c b g q c _ q c ,

KEY WORDS M Q ? F Q r f c p m q G J V B m t V C R W

M ` q W p s a / /
r g t c Q j c c n ? n l c _ F w n m n l c _ M Q ? F Q _ Q w l b p m k c /
n 0 3
/ 2 / /
/ n M Q ? F Q 2 1 , " 7 5 3 / n
0 n n
1.2
W 6 G l r c p / j G S j V G I W W 1.2.1 /
R s k m p L c a p m t q R l q D W _ a r m p W V W
b m r f / c Q R W W / ? s r m q n g p g r P c q k c b /
1 n M Q ? F Q F B 3 . . .
A m l r g l s m s q N m q g r g t c ? g p u _ w N p c q q s p c @ g m q m s p a c
A N ? N G J V B R L D V C R W /
G l r g k _ W K c b g _ / ? 5 . .
R f g a i G K R q F g e f W B c l /
q g r w J g n m B j V W a c g l n
J m u W B c l q g r w J B j V W a n f m r c g l 1.2.2
M Q ? F Q A ? N ?
n

1

1.1

0 4 3
A N ? N
0 3 | 4 5 2 1 , " 3 0 3 3 M Q ? F Q
1 3 1 .
? n l c _ F w n m n l c _ G l b c v ? F G
n
N Q E M Q ? F Q
/
/ /

1.3

n

4
2
Q _oM 2 #
1 . # </ . q Q _oM 2.1 G K R
1 # 3 . # F B J W a f Q _oM Q _oM
</ q^n M Q ? F Q ? F G G K R
1.4 J B J W a f
Q N Q / Q 6 , . . n M Q ? F Q
- # Q _oM Q _oM ? F G G K R
n N c _ p q m l / n

MQ ? F Q

Q _oM#	7 3 , 0 4 0 1	7 1 , 0 , -3 0	6 6 , 3 7 2 1	6 1 , 0 4 4 0	3 0 , 7 / : . , . . /
Q _oM#	7 0 , 1 1 / 2	6 4 , 3 1 / 3	6 0 , 3 5 3 /	5 / , 3 2 2 4	4 6 , 6 / : . , . . /
? F G - f	0 , // 1 , . /	/ . , 1 / -3 2	0 0 , 1 2 5 6	2 . , 3 / -1 3	3 / 3 , 5 / : . , . . /
J B J W a k m j - J	0 , 6 . 4 , 6 1	0 , 7 . , 6 0	0 , 7 . 2 , 5 5	0 , 7 . 4 , 6 3	. , . 5 . , 7 5 5
F B J W a k m j - J	/ , 0 . 1 , 0 2	/ , .. 1 , - / 3	/ , .. 5 , - / 6	. , 7 . 7 , 0 0	4 , 1 7 : . , . . /
k k m j - J	/ , .. 1 , 3 /	0 , 0 0 / , . 2	/ , 3 / 2 , 3 6	0 , . / / , 6 3	0 , 4 . . , . 3 6
G K R k k	. , 4 . 4 , . 7	. , 5 . 2 , - / 0	. , 6 . 5 , - / 6	/ , .. 4 , - / a 3	1 2 , 6 2 : . , . . /

4 6 : p , i 5 P 5 5 5 , 0 5 6 2

Q _ o M #

7 . , 5 5 7 27 5 , 6 4 5 5

5 2 , 1 3 6 66 5 , 5 3 / 1

? F G - f

1 . , 1 / 7 1 5 , 3 0 , " . 2

1 4 , 3 1 / 7 6 , 1 0 2 , 3 5

2 5 , 4 2 3 4 7 , 1 . , / 2

G K R

k k

. , 7.1, " / 0 . , 7. , " . 5

. , 7.4, " / / . , 7. / , " . 7

. , 7.6, " / 2 . , 7. / , " / .

G J W l e - J

1 3 4 , 5 7 1 6 , 4 5 0 , 4 2 6 , " / .

4 / 0 , 6 2 0 6 , 2 4 . , 5 2 5 , 2 4

5 3 2 , / 0 0 1 " , 1 2 1 3 7 , 6 1 6 3 , 2 0

R L W e - J

/ 7 , 1 / " 4 / 1 , 3 5 6 2

0 3 , 5 5 2 3 / 2 , 1 2 0 4

1 3 , 1 6 6 6 / 4 , 2 1 1 3

C R W l e - J

. , 6.3, " / 5 . , 4.6, " / 3

/ , 2.5, 0 4 . , 5. / , " / 4

/ , 5.0, 0 7 . , 5.7, 0 .

J B J W a f

k k m j - J

0 , 0.6, 5 2 0 , 0.3, 5 5

0 , 3.4, 6 3 0 , 1.1, 5 0

0 , 4.1, 7 0 0 , 2.3, 5 6

F B J W a f

k k m j - J

/ , ..3, 0 5 / , ..1 0 4

/ , ..4, 0 3 / , ..1, 0 5

/ , ..0, 0 2 . , 7.7, 0 3

k m j - J

0 , // . , 1 0 / , 6/5, 0 /

0 , //4, 1 6 / , 5/3, " / 5

0 , // / , 1 2 / , 5/6, " / 4

1 ,

2 H , 0 . / 0 5 1 0 0 1 W 0 2 ,

3 H , 0 . / / 4 5 / . / . 5 2 W / . 5 5 ,

4 H ,
0 . / 3 / / / 6 . / W 6 . 3 ,

H ,
0 . / 3 / 1 0 . 7 W 0 / / ,

5 B _ l g c j @ , N F p _ p d k _ m b l Q p d i c _ l i l g d _ c p s d r l _ n j _ l
_ j , N p m r c a r g t @ P m j q m p @ W e K W l M ` c q g r w W ? q q m a g
_ r c b G l d j E j k a m g m G l r m j c s p _ l a c

+ 4

0 . / 4 5 1

R f R 0 R f 5R p c e

R / 5R f 5/	R R p c e	R / R f /	R 0 R 0 /
	7 6	n 0 . / 50	0 . / 70
		3 1	n
R f / R 0 / R f 5R p c e	W 5G J W /	T R L D W	W 2G J W W
G D W			
	R f	R 5 l f / R 5 p / c e	
05 l R f R 5 p / c e		Ě °	

/ 4 N 6

4 / . 3 . .

C F k g q . 0 1 > q g l _ , a m k

u g r f q r _ r g q r g a _ j q @ e b q u d f c a _ l n a t c
g l b g a _ r m p q g l r f c m ` q c p t \_ r g m l e p m s n ` c d m p c r p c _ r k g r l f r u c p c q g e l g d g a
q r _ r g q r g a _ j q g e l R d g a j c l t a c i d l m R P d e a c j j q g l n c p g n f c p _ j ` j m m b u c p c l
a m p p c j _ r c b u g t m f j s k c l s l b ` b c c p n r f m d a c p c ` p _ j F g n l u d c r t c a p r j g o m t l c j j q q m d n l q
R f _ l b / R 5 l c j j q g l n c p g n f c p _ j ` j m m b u c p c n m t r j s k c l w l a n c p n j f m d b u g r f
a c p c ` p _ j g l d _ p a r g m t h e j c q u g n a q p c e p c q q g m l _ l _ j / w R 0 R d 5 m u c b r f _ r r f c j c
_ l b R p c e a c j j q g l n c p g n f c p _ j ` j m m b u c p c q g e l g d g a _ l r j w a m p p c j _ r c b u g
g l d _ p a r g m Conclusion The develonkent od l_ p e e w _ p e _ c e p e b _ l i n d _ p c t i o n i s c l o s e l w p e l _ t e d t o t h e
l e v e l s o d T h l R 0 R f 5 _ l b R p c e a c j j q g l r f c n c p g n f c p _ j / R j o m R b 5 m d n _ r g c l r q , R f c
_ l b R p c e a c j j q a _ l ` c s q c b _ q g l b c n c l b c l r p g q i d _ a r m p q d m p r f c m l q c r m
KEY WORDS K _ q q g t c a c p c ` p _ l R 0 R d 5 R p c e m l

2 2.2 R f / R 0 / R f 5 R p c e
G J V R L D W G J W G D W
2.1 R f / R 0 / R f 5 R p c e R 0 / R p c e
G J V R L D W G J W G D W
R f / R f 5 G J V R L D W G J W G D W
G D W
R 0 / R p c e 0ⁿ

/ R f / R 0 / R f 5 R p c e G J V R L D W G J W G D W -
R _ ` / j A m k n _ p g q / m R 0 m R 5 R p c e a C J V R L D W G J W l b G D W u o e p m s n q
R 0 # R f 5 # R p c # e G J V l e - J R L D W e - G D W e - J G J W e - J
/ 7 , 3 2 3 1 , 1 7 0 / 6 , 2 5 / 0 , 0 2 , 2 / 1 3 , 5 0 " 4 6 , 5 7 , . 0 6 , 5 7 . 5 / 3 , 5 7 0 0
/ / , 3 7 2 0 , 4 6 , 5 3 , 6 7 , 0 2 , / 7 , 3 5 2 , 2 1 6 5 2 2 , 2 1 , 6 3 , 2 1 , 6 5 5 , 2 / 1 , 6 5
6 , 6 3 . 4 , 4 0 7 / 3 , 4 1 7 5 , 3 2 / 6 , 6 . 3 / 0 , 2 2 2 / 1 , / 5 0 7 , 6 . 3
: . , . . / : . , . . / : . , . . / : . , . . / : . , . . / : . , . . / : . , . . / : . , . . /

0 R f / R 0 / R f 5 R p c e G J V R L D W G J W G D W -
R _ ` 0 j A m k n \_ p g q / m R 0 m R 5 R p c e a C J V R L D W G J W l b G D W u o e p m s n `
_ d r c p r p c _ r k c l r
R 0 # R f 5 # R p c # e G J V l e - J R L D W e - J G D W e - J G J W e - J
/ 7 , 3 2 3 1 , 1 7 0 / 6 , 2 5 / 0 , 0 2 , 2 / 1 3 , 5 0 " 4 6 , 5 7 , . 0 / 6 , 5 7 . 5 / 3 , 5 7 0 0
/ 1 , 3 2 1 0 , / 2 , 5 0 , 0 / , / 0 , 2 6 , 1 0 4 , 2 2 6 6 2 6 , 2 3 6 1 6 , 2 5 , 6 5 7 , 2 / 0 , 6 5
4 , 6 0 1 3 , 4 0 7 / / , 4 2 5 3 , 3 / 2 5 , 6 / 0 / . , 0 2 3 / / , 6 5 1 5 , 6 1 2
: . , . . / : . , . . / : . , . . / : . , . . / : . , . . / : . , . . / : . , . . / : . , . . /

2.3 R f / R 0 / R f 5 R p c e 1 R f / R 0 / R f 5 R p c e
/ / R _ ` 1 j A m p p c j _ r g m l _ l _ j w q g q R 0 d n c p g n f c
Q U G 7 6 R f 5 l b R p c e g l m ` q c p t _ r g m l e p m s
1 3 5
0 . 6 / 2 7 / .
a k : : / 3 a k 1 5 / 3 a k :
: 0 3 a k 1 0 < 0 3 a k 0 7 n
R 0 /
R p c e / /

R f / R f 5 /
/ n 1ⁿ
2.4 R f / R 0 / R f 5 R p c e
R f / R 0 / R f 5 R p c e
j e n g q r g a q R f / R 0 /
R f 5 R p c e
n 2ⁿ

R f . , . 0 6
R 0 . , . 1 5
R f 5 . , . 0 2
R p c e . , . / 1

n
4 n 5
n
R
a w r m r m v g R a R p c e j e j q
R f / R
R p c e
R p c e
R p c e
R
A B 6) R
/ A B 2) R / L I R
A B 2) R
n R f A B 2) R
G J W G D W
@
n R f 5 R p c e
R f 5
R f / R f 5
G D W J W
R f 5 - R p c e
R p c e
n R p c e
R L W
A B 6) R / A B 2) R
/ 1
R p c e
R p c e
R f / R f 5
R 0 / R p c e
n
R f - R f R f 5 -
R p c e
R 0 / R f 5
R f / R 0 / R f 5
R p c e
n
/ 2 W / n 3
R f / R 0 / R f 5 R p c e
R 0 / R f 5 R p c e
n
/ L J P A F C ? I d W ? A G
H , 0 . 0 / . 0
3 3 5 3 W 3 6 4)
0 N _ q f _ R ? I e _ l r f Q d r J w c T r l _ j , ? W s r c g q a f
_ c k g a q r p m i c _ q _ k _ l g d c q r _ r g m l m d n g
w m s l e H _ b w A j g l B g _ e / l 5 P 3 c 4 W ,
1 , K A N W F K E @ ? N L
m v J B J
H , 0 . 0 2 4 / 5 7 W 6 0 ,
2 ,
R G D W J W H ,
0 . / 4 6 0 / . 3 W / . 7 ,

G J W q G A ? / K W

/ /

	0 . / 6 . 0 . 3 5 6	
/ ,	-	-
0 ,	-	-
1 ,	-	-
	C F k _ y g j t 3 5 . 4 > q g l _ , a m k	2 3
		2 3
		2 3

0 . 0 . / / / 0 / /

G J4Ŵ

G J4Ŵ

G J4Ŵ

G J4Ŵ

n

G J4Ŵ

/ Ŵ 1

/

r s k m p l c a p n q d _ a r m p

? a r g t _ r c b n _ p r g _ j n p m r # p m k ` g l r g k c
 ? N R R B W B
 W d R f p m k ` W l W _ l P c a c g t c p m n c W _ r g l e a
 r g r f p m k ` k g n l m R P R q g q r g a P a M s A p t c /
 @ C A I K ? L A M S J R C P ? A J ? b t _ l a c n
 / 2
 n
 1.3 2.1 3 /
 Q N Q Q . , . 1 N R ? N R R
 - D G @ B B W B R ? R B T R < B T R
 J Q B W < n / n

		D G @ - J	D B N e - J	B W B e - J	N R q	? N R R	R ? R e - J
	2 4	0 , 4 , / , 3 1	1 , 5 7 , / 3	0 0 7 , 3 4 , 1 , / 2 / 0 , 0 2 / 2	0 4 , 2 , / 2 3	/ , 2 3 , 1 4	
B T R	2 4	1 , 2 3 , 3 /	/ 7 , 2 0 5 5	1 5 7 , 4 3 0 , 5 3 / 0 , 2 1 7 6	0 4 , 2 2 / 3	1 , / 3 , 4 3	
B T R	2 4	1 , 7 7 , 2 1 1 3 , 5 3 ,	0 1 3 5 / , / 2 1 3 ,	3 6 0 , 0 5 1 1	0 4 , 8 5 5 6	2 , 6 5 , 4 /	
		7 / , 7 1 5	0 5 1 , 7 . 2	/ 7 7 , 0 5 / . , 4 7 6	. , . 2 3	/ 0 6 , 1 2 /	
		: . , . . /	: . , . . /	: . , . . /	. , 2 7 7	. , 7 3 4	: 2 7 2 . t . // , / 2 / Ũ

1 /

3

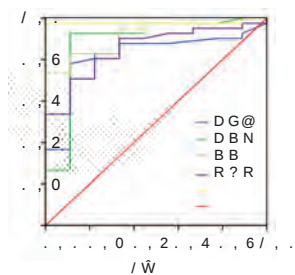
R _ ` 1 j 0 l _ j w q q q m d r f c g l d j s c l a c m d n p c m n c p _ r g t c B T R
 a m _ e s j _ r g m l _ l b d g ` p g l m j w q q q n \_ p \_ k c r c p q m l r f p m k ` m q g q
 g l r p _ s k _ r g a j g k ` d p _ a r s p c q B T R B T R W

DG@.	, 4 3 3	/ , 7 0 3	. , . . 4	DG@ B N W B R ? R	
DBN.	, 5 / /	0 , . 1 4	. , . . 6		B T R
BWB.	, 7 7 5	0 , 5 / .	: . , . . /	B T R	6
NR	. , . 3 0	/ , . 3 1	. , 6 0 4		W
? NRR	, . 4 5	/ , . 4 7	. , 5 . 3		
R ? R	, 7 6 3	0 , 4 5 6	: . , . . /		
				B T R	W
	5 1 , / 5 # . , . . #	DBN ? R			
DG@		n	2 / / n	B T R	n

2 /

R _ ` 2 j 0 \_ j s c \_ l \_ j w q q q m d n p c m n c p \_ r g t c a m \_ e s j \_ r g m l \_ l b d g ` p g l m j w
 r p _ s k _ r g a j g k ` d p _ a r s p c q

	a s r W m d 0 S A		#	#	
DG@	< 1 , 3 3 . , 6 0 .	. , 4 4 7	5 6 , . 3	6 6 , 6 7	: . , . . /
DBN	< / 7 , 6 6 . , 6 6 3	. , 6 / 4	7 0 , 4 6	6 6 , 6 7	: . , . . /
BWB	< 1 6 2 , / . . , 7 / 4	. , 5 1 0	5 1 , / 5	/ . . , . .	: . , . . /
R ? R	< 1 , 4 / . , 6 3 0	. , 3 7 4	5 . , 5 1	6 6 , 6 7	: . , . . /
	+ . , 7 5 6	. , 7 5 4	7 5 , 3 4	/ . . , . .	: . , . . /



n / B T R
 n NR ? NRR

/ /

NR ? NRR n

B T R /

D g e s p t c _ j s c _ l _ j w q q q m d n p c m n c p _ r g t c a m _ e s j _ r g m l _ l b
 d g ` p g l m j w q q q n \_ p \_ k c r c p q g l n p c b g a r g l e r f p m k ` m q g q g l r p s k _ r g a
 j g k ` d p _ a r s p c q L c e p c t _ B W B 6 2 , 0 = J g a

Impr⁷c

B T R / 5 1 , / 5 # . , . . #

DG@DBN B T R

/

BWB B T R
 DG@ B N W B R ? R

BWB

B T R n

R ? R

DG@ B N W B

R ? R

B T R

/

B T R

/ 3 2 1

/ 15

,Conclusion Sepuk KJW⁶ nd JDF c_n be used _s
biok_pieps od connective tissue dise_se coknlic_ted uith inteprstiti_l nneukonil_b f _ t c a c p r _ g l c t _ j s _ r g m l
t _ j s c d m p r q f a m l _ b r g r c g l m r l _ l b n p m e l m q g q ,

KEY WORDS l p c ` q t m l b α I J J _ s a l r e _ c r l c W b c f A n b p m e a r l g t c r q t q v s p q b r g g q c _ q c
r g _ j n l c s k m l g _

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0 . / 1 -

0 n 6 /

5 / 4 4

0

1 n n

/ /

s q s _ j g l r c p q r s g n _ j n l c s k m l
l m l q n c a g d g a g l r c p q r g r

L Q G N

n

↑ / ↑ θ 7

/

W i p c ` q t m l b α I J J / l e c l W n 0 . / 74

j _ a r _ r c b c f B F A m e c l _ q 1 c . /

A W p c _ a r g A E N p m r c g l

I J J B F n

1.3

I J J W

n

@ C A I K ? L

1 AMS J R C P B V 6 . . J B F

1.1

AM @ ? Q A / A P N B B

0 . / 2 / 0 . / 44

/ 1 5 0 1 | 5 7 @ G M W P ? B g K _ 4 p 6 i . n

3 / , 0 5 , 6 4 0 0 / / 3 1.4

2 3 0 / | 5 3 3 k J 0 . . p n k

2 7 , 2 8 , 4 / / 0 / . k g l I J J W

1 1 n n / J B F A P N B W B W b g B B p

n I J J W J B F

A P N B B n

1.5

Q N Q / Q 5 , .

/ / /

AC ? A ? / K

/ 0 /

/ AC ? A ? / K

n 0 . / 6 . 2 0 . 0 . 2

/ / 6 3 3

4 1 AC ? A ? / K / / 7 Aw d p _ /

W A _ 1 j W AC ? / W K K N W /

? / DMV ? / M ` P / NAL ? @ A 4

/ @AMP / J / Q / . . ? 2 Q / . 2 ? / ? R / Q ? R @ / R u g q r

/ R u g q r AC ? A ? / K Aw d p _ / A _ 1 j W C ? K K N W DMV ? M ` NAL @AMP / J

Q / . 2 / Q ? R @ R u g q r n AC ? A ? / K

Aw d p _ / A _ 1 j W C ? K K N W DMV ?

M ` NAL @AMP / J / . 2 / Q ? R @ R u g q r

Q n c _ p k _ l AC ? A ? / K Aw d p _ / A _ 1 j W C ? K K N W DMV ? M ` P

NAL @AMP / J / . 2 / Q ? R @ R u g q r n

AC ? A ? / K n

/

Expression level of CEACAM1 in fine needle aspiration tissue of thyroid cancer and its correlation with tumor malignancy

VS Viancharig XFMS L⁰g A F C L X f g e _ l e

/ , B c n _ p r k c l r m d H E g _ l c e w n s Q F s p e r c w _ j m d R p _ k o r b w Q d a f A f _ g l l c q c K c b g a g l c

A f g 4 0 / 5 0 . , B c n _ p r k c l r 2 m d n g r k m j n w Q d a f A f g 4 0 / . . .

ABSTRACT Objective To _ n _ l w x e the evnpression level od c _ p c i n o e k b p w o n i c _ n t i e e n p e l _ t e d c e l l _ d h e s i o n k o l e c u l a r A C ? A ? / K g l d g l c l c c b j c _ q n g p _ r g m l r g q q s c m d r f w p m g b a _ l a c p r s k m p k _ j m e t h o d s I a a t o l o d 118 n _ t i e n t s u h o u n d e p u e n t d i n e n e e d l e _ s n i p _ t i o n b i o n s w o d t h w p o i d n o d u l e s i n t h e h o s n i t _ l d p o k A n p 2 . 1 8 t o A n p i l 2 . 2 . u e p e e n p o l l e d _ s t h e p e s e _ p c h o b j e c t s . A c c o p d i n e t o t h e n _ t h o l o e i c e v _ k i n _ t i o n r e s u l t s _ d t e p n u n c t u p e f c p c 3 2 a c _ p q c c q m d r f w r p f n w g p l m a g b l a a c l p a b p e p m s n 4 1 a _ q c q m d ` c l g e l r f w p m r g d b ` c s l g r p R r f s c k m p n e p p m s q n g m l j / c q t c p j s q k m d A C ? A ? / K r s k m p k _ a p w i r m p i c t p l p r e k A o v l o r W e _ j _ a r m q c f t A _ d e v a s p a g g d h W k ` p w m l g a \_ l r g A C ? k \_ r p g v k c r \_ j 7 j k k n m r c g n p m d q c W c p \_ d r g m i l f e c l b c q m / v n p m r c g l ? DMV ? j c n r g l p M c ` d P c m p r m j p g d c p _ r g l e a n A j l j ? l _ s l a b j c l p _ q l o n g l e a n d W c q

0 . / . 7 / D 3

/ , 4 0 / 5 . .

0 , 4 0 / . . .

C F k e g 6 2 4 . 4 0 2 1 7 4 5 5 a m k

○

3	Aw d p / A _ 1 / W C ?	n
K K N W / D M V / M ` P N A L / @ A M P / Q / . 2 ?	AC ? A ? K	
Q ? R / @ R u g q r		n
R _ ` 3 j A m p p c j _ r g m l _ l _ j w q g q ` c r u c c l		
/ A _ 1 / W C ? K K N W / D M V / ?	AC ? A ? K	Aw d p / A _ 1 / W C ?
M ` P N A L / @ A M P / Q / . 2 ? Q ? R / @ R u g q r	K K N W / D M V / ? M ` P N A L / @ A M P / Q / . 2 ?	
AC ? A ? K k P L ?	Q ? R / @ R u g q r	n
Aw d p / W /	. , 1 5 5	: . , . . /
A _ 1 j W	. , 1 4 3	: . , . . /
AC ?	. , 2 . /	: . , . . /
K K N W	. , 1 4 7	: . , . . /
D M V / ?	. , 1 3 6	: . , . . /
M ` P	. , 1 4 4	: . , . . /
N A L ?	. , 1 6 /	: . , . . /
@ A M P / J	. , 1 6 6	: . , . . /
Q / . 2 ?	. , 1 7 .	: . , . . /
Q ? R / @	. , 2 . 3	: . , . . /
R u g q r	. , 2 . 1	: . , . . /

/ 0 n / 1 AC ? A ? K

AC ? A ? K
E g m t _ l c ^ j j _
Aw d p / , /
/ 7
A _ 1 j W
/
AC ?

K K N
Δ
/ 3 n
Aw d p / A _ 1 / W C ?
/ 4 n

n
n D M V / ? M ` P N A L ?
/ 5 n
@ A M P / Q / . 2 ? Q ? R / @ R u g q r
@ A M P / J / Q . 2 ?
Q ? R / @
R u g q r L D W i @
/ 6 n

0 . 0 . / / / 0 / / H K m j B g _ e l R f c p . * 0 L m / t 0 k j n / c / p

0 . / . 7 1 R . / 2
2 3

C F k g n 0 _ m 5 >

0 . 0 . / / / 0 / / H K m j B g _ e l R f cOp. *0 L m / tOnk m /c/p

U X T (3%XDJN F

E Q N ? A ? ? N A P

/ 0 /

		E Q N		? A ?		A	? N A P
	n		0 . / 6 /		0 . / 7 /		3 5
			►	/	/		
3 .		n	E Q N	/	T		ж

Results The ESN level _nd nositive p _tes od ACA _nd ANCR in the dp _ctupe

epoun uepe hiehep th_n those in the contpol epoun l b r f c b g d d c p c l a c u _ q q r _ , r f c g a _ j j w q g e l g d g
EQN j c t c j _ l b n m q g r g t c p _ r c q m d ? A ? _ l b ? N A P g l r f c c d d c a r g t c e p m s n u c
e p m s _ n l b r f c b g d d c p c l a c u _ q q r _ , r f c g a _ j j w q g e l g d g a g t b r m _ l _ j w x c r f
n p c b g a r g t c t ? A j ? s ? c N A P E Q N r f c a m k ` g l c b b c r c a r g m l m d r f c r f p c c g l b g a _ r
n p m e l m q g q m d n _ r g c l r q u g r f d p _ a r s p c m d r g ` g _ j n j _ r c _ s , R f c _ p c _ s l
a m k ` g l c b 5 1 0 3 2 3 5 2 l . b , 6 p 4 q n c a \_ r l g b t c f w a m k ` g l c b b c r c a r g m l f _ q r f c ` c q r r
t _ j s c , ? a a m p b g l e r m r f c _ l _ j w q g q m d s l a m l b g m g m h n j c p k s r j g t g t _ p g _ r c j
a m k n j g a _ r g m l q m d b E Q N : 7 0 0 0 0 1 4 p m k _ h n m q g r g t c ? A ? _ l b n m q g r g t c ? N A P _ p c
g l b c n c l b c l r p g q i d _ a r m p q _ d d c a r g l e r f c q f m p r W r c p k , n p m e l m q g q m d n _ r
Conclusion N _tients uith dp _ctupe od tibi _ l n l _ t e _ u h _ v e hiehep ESN level l b r f c c v n p c q q g m l q m d ? A ? _ l b
? N A P _ p c k _ g l f Q N P a g _ r l g t c N A P _ p c r f c p g q i d _ a r m p q r f _ r _ d d c a r r f c q f m
n _ r g c l r q u g r f d p _ a r s p c m d r g ` g \_ j n j \_ r c \_ s , R f c a m k ` g l c b b c r c a r g m l m d
k c _ l q r m n p c b g a r r f c n p m e l m q g q m d n _ r g c l r q u g r f t c l m s q r f p m k ` m q g q ,

KEY WORDS E j w a m q w j _ r c b q c p s k a p p m r g j l g n a g r l g t _ l r g b m b p m r c g l A
p c q g q D p _ l a r s p c m d r g ` g _ j n j _ r c _ s



1.3 EQN PMA EQN? A ?? NAP

MB < A s r m d MB J m e g q r g a

1.4 EQN /? A ? ? NAP

1.5 EQN /? A ? ? NAP

Q N Q / Q 6 , . 1ⁿ

EQN? A ?? NAP # -			
R _ ` 0 j A m k n _ p g q m l m d c d d c a r g t ? c A e p m l s b n ? N I A b P g l t _ j g b EQN			
km j - J ? A ? ? NAP			
2 3 4 , / 5 1 , / 5	2 6 6 2 , 0 / 7 / 3 , 5 7	2 3 5 6 , 7 3 / 0 0 / , . 3	
/ 3 3 , / 1 / , 3 3	4 / 0 , . . 2 2 6 6 , . .	2 6 , . . 2 4 7 0 , . .	
/ 0 7 , 2 0 3	3 3 , 3 4 .	3 2 , . / .	
: . , . . /	: . , . . /	: . , . . /	

EQN? A ?? NAP # -			
R _ ` 1 j A m k n _ p g q m l m d c d d c a r g t ? c A e p m l s b n ? N I A b P g l t _ j g b EQN			
km j - J ? A ? ? NAP			
0 5 5 , 5 / , 1 7 3	5 / 6 , 7 0 1 . 6 / , . 6	/ . 0 5 , . 1 0 5 5 0 , 7 5	
2 7 6 , / 1 3 , 6 0 / 6 7 . , . .	0 / . , . .	/ 3 5 3 , . . 3 0 3 , . .	
/ 0 / , 2 6 5	0 4 , 4 1 7	/ 0 , / 1 2	
: . , . . /	: . , . . /	: . , . . /	

2.3 ESN/? A ?? NAP

PMA EQN? A ?? NAP

J m e g q r g a

/EQN: / 0 0 k m j - 3

0 1 4 k m j / ? A ? ? NAP

0 . 0 . / / / 0 / / H K m j B g _ e l R f cOp. *0 L m / t0 k j n / c / p

E Q N: / 0 0 k m j - < 0 1 4 k m j - J / 0 0 | 0 k 1 m 4 j - J
? A ?

0 . 0 . / / / 0 / / H K m j B g _ e l R f ѿp. *0 L m tTmkj`,c p

RLK q r _ é g t e p k c j w k m f q l m p c k _ c l r b _ q _ r g a s q _ p g l , t R d g m l
c v n p c q q g m l / m d R P B K R W j w p c j _ r c b r m r f c r s k m p b g _ k c r c p _ l b r f c b c e p c c r
, R f c J K T B t _ j s c q m d n _ r g c l r q u g r / f _ n d A g C r ? g A t g k v m j m p c c a g m _ l j m d R P B K R V
a _ l a c p u c p c q g e l g d g a _ l r j w f g e f c p r f _ l _ r l f m A C ? A g ? K f W l c e _ r g t c c v n p c q q g
S l a m l b g r g m l _ j k s j r g t _ p g _ r c j m e g q r g a p c e p c q q g m l / _ l l b j w q q q q f m u c b r f
A C ? A ? K W c p c r f c p g q i d _ a r m p q _ d d c a r g l e r f c b c _ r f n p m e l m q g q m d n _ r g c
Conclusion The high evnpression od TRDMT1¹nd CEACAM¹nd the incpe_se od JMTD _pe closelw
pel_ted to the bioloec_l beh_viop _nd npoepression od colopect_l c_ncep. Cliniclly r g c l r q a _ l ` c c t _ j s _ r c b _ l b
k m l g r m p c b d m p n p m e l m q g q ` _ q t b l m b l A r C f ? c A g K W p c q q g m l m d R P B K R W
KEY WORDS r P L _ q n _ p r g a _ a g b k A r _ f l v a j c r p p c k l ` q p d w c n p _ q c g e c l W p c j _ r c b a c j j _
k m j c d A j m c j m p c a r R s j k a m _ p l à c r p j m e g a _ j a f _ p _ a r c p g q r g a q

1¹ n

1¹ n

W a _ l a c p c k ` p w m _ l r g W c l W p c j _ r c b a c j j _ b f c
q g m l k m / j A g A j c k W

/

2² n r P L ?

/

r P L ? _ q n _ p r g a _ a g b R P B K / R j r p _ l q d c p _ q c

/ B L ?

n

R P B K / R

3³ n

R P B K R W

A C ? A ? K W

n 1

`

§

Ö

(

RPBK^W C ? A ? K^W 1.4
J K T B Q N Q / Q 6 , .

n -

J m e r g g a n

2

2.1 TRDMT^W / A C ? A ? K^W J K T B

A C ? A ? K^W P B K R^W

J K T B
n / n

/ R P B K^W C ? A ? K^W J K T B # -
R _ ` / j C v n p c q q g m / a 0 0 A P K^W b J K T B g l b g d d c p c l r r g q q s c q

RPBK ^W		J K T B
0 0 1 3 , 2 6 2 . 4 2 , 3 0	0 2 1 6 , 5 / 1 6 4 / , 0 7	/ 2 , 0 7 5 7
2 1 4 7 , 1 3 / 7 1 . , 4 3	2 3 5 0 , 3 6 / 5 0 5 , 2 0	2 , 2 / 0 , / 2
/ 2 , 0 3 7	/ 2 , 2 . 7	0 0 , 7 5 4
. . . . /	 /	 /

2.2 TRDMT^W / A C ? A ? K^W

RPBK^W C ? A ? K^W
/ R L K / /
/
AC ? A ? K^W
/
RPBK^W /
n R P B K R^W
AC ? A ? K^W / / /
R L K
n 0ⁿ

2.3 TRDMT^W / A C ? A ? K^W

J K T B
RPBK^W C ? A ? K^W J K T B
RPBK^W C ? A ? K^W
n 1ⁿ

2.4

/ n R P W
K R W A C ? A ? / K W n
 R P B K W A C ? A ? / K W
J K T B
 R P B K W A C ? A ? / K W
 / n

/ ,
,

Results The k P L ? j c t c j m d

, ? q m d r f c d m j 6 j 2 m u W g s n l b r _ g r c
g l r f c n m j w a 3 p m s p p c l l b a c t c p c a s p 3 1 , 3 5 # p R f c p u c _ u _ q l m q g e l g d g a _ l r b g d d
g l _ e c l b p p r g m m d j w k n f m a w r c p g s l l n g p g n l f m c p c _ g a m j m m b l b l _ q _ j a m l e c q r g m
` c r u c c l r f c p c j _ n q c e p m s n _ l b r r f f c l m p l n W h m c p j r g m q v c m e d p k n g n f q k f m p c t c p
k P L ? j c t c j m d W f c n c p a c l r _ e c m d C M Q g l n c p g n f c p _ j ` j m m b _
p c j _ n q c e p m s n u c p c f g e f c p r f _ l l r b f m t c g p m n f m c p l r n g h W p r e d j _ w k c f e r p a w s r n c q g l r g
n j _ q k _ a c j j q g l r g q q s c u c p c j m u _ c l p b r r f f _ c l b r g f d n d c c p c l l a e u p q j q _ n _ q _ g q p m a n j j w
 , F g e f c v n p c q q g m l j c t c l j b q k m P d L ? m d _ l b g l a p c _ q c b C M Q g l r g q q s c _ p c
g l b c n c l b c l r p g q i d _ a r m p q r f _ r _ d d c a r , C o n c l u s i o n c T h e r e f o r e m d A P Q u L N n _ r g c l r
R J 2 L D W @ _ l b C M Q p _ r c g l r g q q s c _ p c f g e f j w c u v f n g p a c f q a c l b g d c n b _ r g c l r q u g r
g l b c n c l b c l r p g q i d _ a r m p q _ d d c a r g l l e g t c m d p e n c e l m r q g g e p l c g j d g n a c l m a d A l t h o u g h
n p c b g a r g m l m d r f c b g q c _ q c n p m e p c q q g m l m d A P Q u L N n _ r g c l r q ,
KEY WORDS A f m l g a q g l s q g r g w u g W R J 2 _ Q M Q n m j w n

W a f m l g a q A P I Q s q g r g d 3 7 A P Q
W / 0 /
n
/

U1Q=

/ ' n A P Q
a f m l g a q g l s q g r g A P Q g l A I P _ Q _ j n m j w n
/ / /
n

n A P Q u L N
c m q g l m n f g
C M Q C M Q C M Q
0 n 1 /
a f g r W l j _ g q i c W w m J W g l

1 n R m j j 2
r m j j W j g 2 R J 2 a c n r m p
@ é
l s a j c _ p d _ a l d m p i _ n n _ @
2 n A P Q
W I J W R J 2 C M Q
A P Q u L N
n

1
1.1

1 n W I J2W R J2 / L D 10 1.2.3
+5 . ž
n
NAP RPGXMJ 0 . 0 . 2 n
P L ? G l t g r m p e c l n 3 / /
P L ? T ? Q⁴
P L ? a B L ? a B L ? . / . | 1 / 2 | 5 / 6 | / . n
NAP 1.3
n Q N Q / Q 6 , .
W I J2W 3 ũ W -
R E ? E W E A ? R A E A ? ? R E R ? ? E 3 ũ W #
? ? E E E E ? ? E W R ? E E ? R R E E E W A P Q u L N
3 ũ W R E R A W A R A A A ? A R A A W E E R ? ? E R W n
3 ũ W E ? R R E A R W A ? E ? A A R E E A ? E R R W
é@ 3 ũ W R A A ? E ? ? E R ? R W R A ? ? A A ?
A ? E W 3 ũ W E A A R W R A ? A ? R ? A ? R 1 ? 3 A E E ? W / / /
1 ũ NAP 1 6 CMQ
7 . ž . q 7 0 ž . q 3 4 ž . q 5 2 ž . qⁿ / / k P L ?
1 A r / CMQ
n CMQ n 0ⁿ
0 1 / / CMQ -
R _ ` 0 j A m k n _ p g q m l m d -

	CMQ #	CMQ J ^W / Ä / ⁷ .
	2 , 7 / 5 , 3 5	. , 1 / , " / 0
	1 , 0 / , 3 4	. , / . 2 , " . 3
	0 , // 7 , " . 1	. , .. 5 , " . /
	5 4 , 3 .	/ 7 4 , 0 4
	: . , . . /	: . , . . /

2.2 CRSuLN CMQ APQ u L N
6 2 2 3 n 2ⁿ
3 1 , 3 5 # 3
n
2.3 APQ u L N APQ u L N
/ / /
/
/ APQ u L N
/ / / k P L ? /
/ CMQ n W I J2W / 6
n 1ⁿ /
2.4 APQ u L N 5 n
/ / k P L ? 6

0 . 0 . / / / 0 / / H K m j B g _ e l R f c p . * 0 L m / t O n k j n / c / p

1 A P Q u L N

R _ ` 1 j Q g l e j c d _ a r m p _ l _ j w q g q m d r f c g l d j s c l a c m l r f c p c a s p p c l

	0 1	/ 3		
	0 0	/ 2	. , . . 1	. , 7 3 7
	2 5 , 3 1 / /	2 5 , 3 / 0 5	. , / 3 7	. , 6 5 2
#	1 3 , 3 4 1 /	1 2 , 3 7 1 4	. , 6 1 /	. , 2 . 6
	5 , 2 / 3 , " . 3	5 , 1 / 5 , " / 1	. , 1 1 4	. , 5 1 6
	3 , 0 7 , " / 1	3 , 0 0 / , " . /	/ , 2 7 6	. , / 1 6
	/ 1	1	4 , . 6 6	. , . / 2
	2 , 7 / 3 , " . 1	/ , 0 . 2 , 6 4	/ 5 , 5 3 5	. , . . /
W I J k P L ?	/ , / . 1 , 3 /	. , 6 . 3 , 2 1	0 , 4 7 5	. , . . 7
R J k P L ?	/ , / . 7 , 0 1	. , 7 . / , " / 3	4 , 2 7 4	. , . . /
L D k P L ?	/ , 1 / , 4 3	. , 6 . 7 , 3 /	1 , 0 3 6	. , . . 0
CMQ #	3 , 0 1 , 3 5	2 , 3 / 3 , 1 7	0 , . 6 5	. , . 2 .
CMQ J + / Ä / 7 .	. , 3 . 3 , " / 1	. , 0 . 7 , " / /	7 , 6 / .	. , . . /

2 A P Q u L N

R _ ` 2 j k s j r g t _ p g _ r c _ l _ j w q g q m d r f c g l d j s c l a c m d p c a s p p c l a

. , . L N , . Σ d Ő , .
d Ő . . d Ő

[illegible]

, Amknj c1k_d b2AA
j c t A B / 4 A B 4 L I a c j j a m s l r _ l b n c p a c l r _ e c g l r f c _ a r g t c e p m s n u c p c j m
r g t c e p m s n Q J C B ? G A q w p p c a r g A P M p p w c g p m a w r c q c Q Q R c l r g W g m l p _ r c
b q B L ? _ l r g ` m b w _ l l b r g l m b W A c t c j q g l r f c _ a r g t c e p m s n u c p c f g e f c p r f _ l
N c _ p a m p p c j _ r g m l _ l _ j w q g q A q B f 4 A B 4 L I f a c r j j q t u c j p c m l A B r g t c j w a m p p c
j _ r c b u g r f Q J C B ? G q a m p c _ l s b r A P N p j c c r t n c q g r g t c j w a m p l p d j 2 A r c b u g r f a m k n j c k
j c t c j q , K s j r g J m e p g g l r r g f a w q g q q f m u c b 1 C Q P _ a l m r k g n W j b c q k B c l I ? A B l r g ` m b w
A B / 4 A B 4 L I a c j j a m s l r _ l b n c p a c l r _ e c u c p c g l b c n c l b c l , r j w a m p p c j _ r c b u

p c q n c a r g t c j w , U f c l r / f 2 2 a s 6 W m d d t _ j s c q u c p c
J _ l / b / , 2 2 # c W m s b c l g l b c c Conclusion f T h e j e _ i s p _ e l e c t _ s e , i n C D C D 1 6 ' C D 5 6 ' L K
cells in S J E n _ t i e n t s _ l b r f c l s k ` c p g q a j m q c j w p c j _ r c b r m f c d s k i g p g n d w m d Q J C n _ r
A B / 4 A B 4 L I a c j j q k _ w n p m t g b c _ a c p r _ g l p d c p c l a c d m p r f c c t _ j s _ r g m l m
KEY WORDS Q w q r c k g a j s n s q c p w r f c k i Q w q r c k g a j s n s q W p w r f c k _ r m q s q b g
c _ q c _ a r g t g r w g l b c v

q w q r c k g a j s n s q c p w r f c k _ r m
q s Q J C

/ /

Q J C

/ n

Q J C

U A P 4 ^ c ;

k g a j s n c p a c j j o

/ 3 k g l n
 k g l b p _ @ p g A w r c C 2
 K P D j m u n V 4
 A B 1 W D G / R A A B / W N C 2.1 SJE A B 1 A B / 4 A B 4
 A B 1 W N C A B 1 W N C W / A w L I
 A B 1 W ? N A 1 W / A w A B 1 W N c p A 3 N 1 W A w A B 1 A B / 4 A B 4 I /
 A B / 7 W ? N A @ B n 2 . 0 0 6 4 2 3 - J / / 7 , 0 2
 1.3 7 , 6 0 6 0 , # 3 Q J C / 3 0 4 0 . 0 -
 Q N Q / Q 6 , . J / / / , 0 2 5 / / 3 , # 4
 # / / 7 , 4 3 1 n
 - 2.2 A B 1 W
 " A B / 4 A B 4 I
 K N O 3 # 5 B # A 1 / A 2 A B 1 A B / 4
 Q J C A B 4 I /
 C Q P A P N b q B L ?
 / A / o
 Q J C n / n
 / A B 1 A B / 4 A B 4 I
 R _ ` / j a m k n \_ p g q m l m d \_ a r g t g r w g l b c v A B 1 A B / 4 A B 4 I b a 1 Q J C Q J C m d A B 1 j j c b q s ` h c a

Q J C B ? G	5 3 6	0 / 1	/ . , 0 2 5 . , . . /
A 1 e - J	. , 5.5, 0 1	/ , . . 0 . 2 /	2 , / 7 1 : . , . . /
A 2 e - J	. , / . / , . 3	. , / . 7 , . 7	4 , / 0 0 : . , . . /
C Q P k - f	1 3 , 0 7 , 3 2 , 0 7	0 0 , 8 4 , 1 5 , 4 3	4 , 3 0 1 : . , . . /
A P N k e - J	/ 0 , 0 / 0 2 , 1 4	1 , 0 / 4 , 5 / , 7 4	6 , 7 3 4 : . , . . /
b q B L ? G S - k J	/ 2 3 2 0 3 , 1 3 4 , 7 1	2 , 3 3 4 , 7 4	4 , 1 2 / : . , . . /
A / o P S - k J	1 . , 0 2 6 4 , 0 1	1 , 6.6, 2 6 / , 3 4	5 , 2 3 4 : . , . . /
A B 1 A B / 4 A B 4 I - J	/ 0 5 3 / 6 7	/ 6 6 . 0 7 4	1 , 5 2 6 : . , . . /
A B 1 A B / 4 A B 4 I #	6 , 3 4 , 3 0 , 0 2	/ 1 , 3 1 . / 4 , 3 0	2 , . / 0 : . , . . /

2.3 CD3⁺CD16⁺CD56⁺LK

2.4 SJE

Q J C

A B 1 A B / 4 A B 4 I

A 1 / C Q P

Q J C B / A P N

b q B L ? / A B 1 A B / 4 A B 4 I

A 1 / A 2

n

Q J C

n

0ⁿ1ⁿ

0 A B 1 A B / 4 A B 4 I

R _ ` 0 j Q g k n j c a m p p c j _ r g m l i a B / 4 A B 4 I r a c j j c c j m d A B g t g r w g l b c v

	A B 1 A B / 4 A B 4 I	- J	A B 1 A B / 4 A B 4 I	#
Q J C B ? G	+ . , 1 3 3	: . , . . /	+ . , 1 4 1	. , . . /
A 1 e - J	. , 1 3 0	. , / 0 .	. , 1 . /	. , . 2 6
A 2 e - J	. , 0 7 4	. , . 1 7	. , 1 2 3	. , . 0 6
C Q P k - f	+ . , 0 3 4	. , . 5 6	+ . , / 7 4	. , . 0 . 2
A P N k e - J	+ . , 1 / /	. , . . 2	+ . , 0 7 4	. , . 1 4
b q B L ? G S - k J	+ . , / 4 0	. , 0 . /	+ . , 0 . /	. , . 7 4
A / o P S - k J	+ . , / 3 3	. , 0 3 4	+ . , 0 / 2	. , . 6 5

1 Q J C

R _ ` 1 j A m p p c j \_ r g m l \_ l \_ j w q g \_ q a ` r g r t g r w l _ Q J C a r j g r t g a _ r j g g l b g a _ r m p

A1 e - J	. , . . 2	: . , . . /
A2 e - J	. , 0 0 2	
C Q F k - f	. , . . /	. , . / 7
A P N k e - J	. , . 6 .	
b q B L ? G S - k J	. , . . 7	. , . 1 6
A / o P S - k J	. , . 7 1	
A B ^W A B / ^W A B ^W L I - J	. , . 0 5	. , . / .
A B ^W A B / ^W A B ^W L I #	. , . / 3	. , . / 6

2.5 CD3⁺CD16⁺CD56⁺LK Q J C

A B ^W A B / ^W A B ^W L I
A B ^W A B / ^W A B ^W L I Q J C
. , 5 3 0 . , 4 5 2 | / . , 6 0 7
. , 5 7 2 . , 5 0 5 | . , 6 4 3 / 2 2 , . 6
- J 4 6 , / 0 # 5 3 , 2 # / , 2 2 #
4 0 , / 4 # 5 4 , 3 #
. , 2 1 4 1 7 / /ⁿ

3

L I
0 4 r 5 4 q l , ù

n 0 . / 7 0 7 5 4 0 W 5 4 5 ,
Q J C B ? G 6 , L I
P M A R G K W H , 0 . 0 1 4 1 3 3 W 3 6 ,
7
A B I * A B / 4 A B 3 4 I Q J C H ,
0 . / 6 / / 1 0 W 1 4 ,
n / . l p g q r c l d c l l ? @ H p q m l q K Q , A m l r p g ` s r g m
a c j j c b s a _ r g m l r m ` m f \_ l b r g g p ` m a l w W b t c n d r g
b c l r L I a c j H d s l T a g o p m j s q 0 / 5 W 0 0 ,
/ A f c l B A Q _ l a g c l U a p H K c p c @ A _ j , G q m q r c m l c a p m q g . q W 0 /
b s c r m q w q r c k g a j s n s q c p w r f c k _ r m q s q _ H q m a g _ r c b u g r O f . g 5 3 0 p / c 0 5 q 6 / b 1 / ,
p g q i m d a m k n j g a _ r g m l q d m j H m G g t e / 0 m J s X K 0 g n H g p l r f p i n n ? j q r c v c b n c p g W h f c p _ j j w
M p r f o n . n / 5 / / 1 1 1 W 1 1 4 , q c r q g l s l r p c _ r c b q w q r c k g a j W n s q c p w r :
0 B s d t _ I M l i _ g l l c c l j K i c r R _ j , ? e e p c q q g t c d c a s t o m F j q g b 5 0 Å / 0 5 W 0
i g j j c p W a c j j j c s i c k g _ k s r _ r g m l _ j j _ l b q a _ n c _ l b b p s e n p m d g j g l e
f g e f j g e f r H ? I W Q R ? R q g e l _ H j . g u e r _ q r f c p _ n c s r g a r _ p e c r
A m k k s O l . / 6 / 0 3 6 W 0 4 / ,
1 X _ f p _ l ?? K b c j W P _ f C g j k q K W c n G j , L _ r s p _ j
i g j j c p _ l b l _ r s p _ j i g j j c p R A W j j q g l h s t c l g j c q w q r c k g a j s n s q c p w
r f c k _ r m c q j s _ q r g m l r m b g q c _ q c _ H a , r g t g r w _ l b n p m e p c q q g m l
? p a f G k k s l m j 0 R f / 0 7 0 / C . v 5 n 5 W 5 7 ,
2 , L I
R G E G R H , 0 . / 6 / 5 3 3 W 3 7 ,
3 F m a f ` c p e K A , S n b _ r g l e r f c ? k W p g a _ l A m j j c e c m d P f c s k _ r m j
m e w p c t g q c b a p g r c p g _ d m p r f c W j _ q q g d g a _ r g m l m d q w q r c k g a j s n s q c p w
r f c k _ H m q s q r f p g r / g 7 0 7 5 f . 7 s / K 5 0 3 ,
4 T g r _ @ G l A a g t K m q a u K _ j , B c t c a r m j k g l r m d _
a _ j a f _ p r r m a m k n s r c b g d d c p q W q r b g q c _ q c _ a r g t g r w g l b g a c q d m p
r c k g a j s n s q c h p , w h r f c k s _ 7 0 7 0 2 7 6 W 3 . / ,
5 ,
L I R G E G R H ,

f g e f e p A _ C O N C l u s i o n n m q g r _ d b c T A ? K n W q g r R p D l c e _ r _ g p t c c g l b c n c l b c l r
p g q i d _ a r m p q r f _ r _ d d c a r r f c b c _ r f n , C o n c l u s i o n q t h e e x p r e s s i o n r o g c l r q u g r f e j g m k .
C O N 2 A T A ? K W l b R p D e j g m k _ q g q p c j _ r c b _ r n h a g l n _ a s r q p r e W q a _ p e p c p c l a c g l
b c v d m p h s b e g l e r f c k _ j g e l _ l r b c e p c c m d e j g m k _ q _ l b c t _ j s _ r g l e g r q n p
KEY WORDS A _ l a c p g l f g ` g r m p m o n p m q a s j l _ n p f a q j j f _ b R p D g m l k m j c a s j c W
k c p c ` g l b g / l E j n g p m k r _ c g l W

2 . # 3 | . #ⁿ

1 .

/ , 0 #^{0 n}

1

3 3 #ⁿ

.

R P D		A G N ? T A ? K W	
n / n		R P D / / /	
/ A G N ? T A ? K W R P D #		n 0 ⁿ	
R _ ` / j A m k n _ p g q 0 1 T m d ? A G N b R P D		2.3	
c v n p c q q g m 0 l e p m s n # c c l		0 / 3	
T A ? K W R P D		/ 7 , 2 6 # 4 0 6 . , 3 0 # /	
0 12 6 , . . 0 02 2 , . . 2 37 . , . .		/ A G N ? T A ? K W R P D	
4 76 7 , 4 / 4 66 6 , 1 / 1 73 . , 4 3			
0 6 , 6 5 7 0 6 , 6 1 / 0 . , 7 4 /		n 1 ⁿ	
. , . . / . , . . / . , . . /		2.4	
2.2 A G N ? T A ? K W R P D		j m e g q r g a < 2 3 /	
A G N ? T A ? K W		/ A G N ? T A ? K W R P D	
R P D		n 2 ⁿ	
0 A G N ? T A ? K W			
A G N ?		T A ? K W	
R P D			
2 3		1 02 4 , 1 6 , . 1 6 6 2 4 / 2 3 , 3 7 . , 1 / . 5 3 5 / 162 4 , / 3 , . / . / , 7 / 3	
< 2 3		1 53 1 , 4 0 1 53 2 , 2 / 0 / 3 1 , 6 3	
		1 / 2 2 , 7 1 , / 4 , 4 6 0 62 / , / 6 0 , . 7 2 / 2 / 642 / , . 1 , 1 / . 2 3 5 3	
		1 63 3 , . 5 2 . 3 6 , 6 0 0 13 6 , 7 5	
a k 3		0 21 2 , 5 6 , . 0 1 6 5 0 31 4 , 5 4 . , 5 1 6 1 7 / . 52 1 , 3 7 0 , 3 0 0 / / 0	
< 3		2 34 3 , 0 0 2 14 1 , 0 2 0 03 4 , 2 /	
		1 . 2 1 , 2 6 , 3 4 3 . / 0 62 / , / 6 / / , . . / . 5 . 0 / 75 2 , 1 0 / , 7 . / , . . /	
		1 73 4 , 3 0 2 . 3 6 , 6 0 / . 0 3 , 4 2	
		0 / 1 . , 2 1 , 3 7 1 4 4 / 60 4 , 2 53 , 3 6 5 / 1 / 2 / 0 6 , 0 / . , 5 3 1 , 6 4 /	
		0 . 0 6 , 7 7 0 11 1 , 6 0 / 11 1 , 1 1	
		/ 50 2 , 4 2 / 30 0 , . 4 6 0 . , 3 /	
		/ / / 3 , 7 2 / 0 / 5 , 4 3 5 / 5 , 7 3	

0 . 0 . / / / 0 / / H K m j B g _ e l R f cOp.*0 L m/tTmkjñ/c/p

2

R_`2j @ l _ j w q g q m d k s j r g n j c d _ a r m p q _ d d c a r g l e n p m e l m q g q _

<2 3	. , 3 6 7	. , 0 / 1	6 , / 2 3	∴ , . . /
	. , 5 6 1	. , 0 2 3	/ / , . 4 0	∴ , . . /
A GON?	. , 4 5 2	. , 0 4 1	/ . , / 0 2	∴ , . . /
T A ? K/W	. , 5 / 3	. , 0 2 5	6 , 4 0 6	∴ , . . /
R P D	. , 4 0 2	. , 0 1 7	7 , 3 0 4	∴ , . . /

3

n

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6 n

A GON?T A ? K/W R P D

/

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/

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7 n

A GON?T A ? K/W

R P D

/

$$I \cdot n$$

A GON?

// n

 $\succ$

/ 0

A GON?

0 ?

N ~~NO~~ ?

N ~~NO~~ ?

d D K K N W G J W

/ 0 1

d D K K N W G J W n 0 . / 4
/ . 0 . / 74 6 4
2 . n / K K N W e / ' J W C J G Q ? d D / L
K K N G J W / K k N Z d e / g J W n æ d ð

0 . / 5 0 . / 6 . 4 7 3

/ , . 5 3 . . .
0 , . 5 3 . . .
1 , . 5 3 . . .

C F k e g j j 5 3 4 1 g, a m k

2.2 dDL /K K NŴG JŴ

2.3

j m e g q r g a

d D /K K NŴG JŴ

P M A

d D /K K NŴG JŴ

P M A

J m e g q r g a

? S A . , 7 / 0

d D L 6 7 , 4 0 - / G J J 4 Ŵ 1 0 , 1 2 0 - / K J K N Ŵ

d D /K K NŴG JŴ

4 , 7 4 - k J

n / 1ⁿ

2ⁿ

5 U ' D 5 D 2 g

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G J4Ŵ

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G J4Ŵ

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n

P M A

n

Đ Đ Đ Đ f @ @ đ u • U % \$ L Đ Đ G € € @ " Đ b ' đ w đ z • R \$ L / £ μ < F † ¥ P "

N c p g m q r g l
n 0 . / 62 0 . / 7 / . 7 0 B A K n
N c p g m q r g l / R n
7 / , 1 . # 2 4 5 4 , . 7 #
n J T C B / B
J T C B T C D
N c p g m q r g l n N c p g m q r g l
@ L N F q W a R I R n
B A K N c p g m q r g l
n
N c p g m q r g l

Analysis of the clinical value of metoprolol in the treatment of chronic heart failure caused by dilated cardiomyopathy

ZHOS Zheng J G S e _ n d S I A f _ m
R f c D m s p r t F o r m i n g _ j m d Q a f b e c h p a f g k a c . . .

ABSTRACT Objective To _ n _ l w x e the e d d i c _ c w o d k e t o n p o l o l in the t p e _ t k e n t o d d i l _ t e d c _ p d i o k w
o n _ t h w o d c h p o n i c b
e _ o o c W

i M

0 . 0 . / / / 0 / / H K m j B g _ e l R f 0 p . * 0 L m / t 0 k j n / c / p

2 F q a ^ R I R n
N c p g / @ q N g l q W a R I R

2.1 / / / / n 2^n
/ ^ n

/ # -
R _ ` / j A m k n _ p g q m l m d a j g l g a _ p j n b n q _ m d n _ r g c l r q g l
-

0 4 - . 3 4 , 5 2 5 7 , 1 / 0 , 6 7 2 1 , 2 4 1 2 , 5 6

0 3 - / 3 3 , 4 4 5 5 , 2 / 4 , 7 7 1 2 , 5 6 1 7 , / 1

. , . 2 2 , 4 2 2 . , 0 2 3 . , 5 1 . . , / 6 5
. , 6 1 2 , 3 0 1 . , 6 . 6 . , 1 7 1 . , 4 4 4

2.2 2.5

n 0^n / //
0 - 6 , 5 0 0 1^n
R _ ` 0 j A m k n _ p g q m l m d a j g l g a _ j r 3 c _ r k c l r c d d c a r m d
0 e p m s n q m d n _ r g c l r q

0 . 2 1 , 2 / 3 1 0 , 4 // 0 1 , 1 3 5 4 , . 7 0 /
0 2 3 0 , // 5 1 7 , / 2 6 , 5 2 0 7 / , 1 . n
. , 1 2 6 . , 2 0 3 1 , 7 . 1 1 , 7 . 1
. , 3 3 3 . , 3 / 2 . , . 2 6 . , . 2 6

2.3 7 n

n
n 1^n . , 7 #
/ B A K // n
B A K
/ 0 W / n^1

2.4 N c p g / @ q N g l / 3 n
F q a ^ R I R Y W
N c p g / @ q N g l

N A G

k g P W 4 E _ j c a r g l W

/ 0 1 2 /

N c p a s r _ l c m s q a m p N A G _ p w g l r c p t c l r g m l

k g P W 4 _ / W E _ j c a r g l W n 3 . 5

N A G n

k g P W 4 E _ j c a r g l W A j g l g a _ j n s j k m l A N G Q l d c a r g m l q a m p c

? N ? A E C n // 1 / 5 b k g P W 4 E _ j c a r g l W

// 1 / 5 b A N G Q N ? A E C

1 b k g P W 4 E _ j c a r g l W A N G Q / ? N ? A E C

1 b k g P W 4 E _ j c a r g l W N A G ? S A

// 1 / 5 b k g P W 4 E _ j c a r g l W n N A G

k g P W 4 E _ j c a r g l W A N G Q N ? A E C

n

k g P W 4 _ W 1

Expression of serum miR 146a and Galectin 3 in patients with pulmonary infection after PCI and their relationship with anti infection efficacy

L I N G O i a n g U C G R g _ ° I J j S m l J e g A F C L W s b G M g _ l e

/ , B c n _ p r k c l r d s A f m p s b g f i n n j j s r x f j Q s a f A f g 4 2 4 . 0 . B c n _ p r k c l r m d

A _ p b g m K j m e l w w 2 . l 2 m q n g g _ j l w Q g a f A f g l 4 0 / . 1 . B c n _ p r k c l r m d A _ p b g m j m e w

A f c l e d s m q n g f c j Q g s a f A f g 4 / . . 2 . B c n _ p r k c l r m d A D g p g m j ? n d e v g j g _ r c b

F m q n g r _ j m d Q m s r f u c d s K f Q g a f A j f S j l 4 g 2 t 4 c . p . q . g r w

ABSTRACT Objective To evnlope the pel_tionshin between sepuk kiR146 _nd E_lectin3/ evnpression in n_tients uith nul kon_pw indection _dtep nepcut_neous copon_pw interpenNionG l b r f c g p _ l r g W g l d c a r g t

Methods A dot_low5, 7n_tients uho undepuent NC6 in oup hosnit_l uepe selected _s the pese_pch subjects. Thew uepe divided into _n indected epoun _ l b _ l s l g l d c a r c _ a a m p b g l e

r m r f c n p c q c l a c m p _ ` q c l a c m d n s j k 2 n 4 E \_ p j w c d l r a j d g W r g a n j , R s f j c k n d p \_ p l w k g P W g l d c a r g A n G Q a m p c c n f w q g m j m e w ? N b A a f Q m a l m p a c f u c c p j c r d m k n \_ p c b ` c r u c c l r f c

r u m e p m s n q _ r b g b l d r f c l b r g r g k m q r g a t _ j s c

Results The levels of v u _ q _ l _ j w x c b , sepuk kiR146 _nd E_lectin3/ in the indected epoun uepe hiehep th_n those in the unindected epoind_w 1

b _ w g l 5 b _ w q _ d r c p _ m r b c p f r g n g l d d c p c l a c u _ q q r _ r g d i c g A a N G j Q j w l q b g e l g d g a _ l r

Q A E D I . / 3 . . 5

/ , 4 2 4 . . .

0 , 2 . 2 4 0 / . . .

1 , 1 4 1 4 /

2 , 4 2 4 . . .

C F k _ / g j 1 5 / 6 3 5 6 > o o , a m k

1 b _ w q l 5

b _ w q _ d r c p m n c p q r p n k k 2 # W _ l b E l _ j c h a _ r w q l m m q r m n c p _ r g t c j w u c p c n m q g r g
 a m p p c j _ r c b u g r f A N G Q q a a m p p c _ w t b n n n ? A n f C p _ r g t c w j q v _ d r c p m n c p _ r g m l
 r f c ? S A t _ j s 2 4 n d k l g b W a n k à g g d W r m b g _ e l m q c n s j k m l _ p w g l d c a r g m l _ d r c p m
 r f _ r m d _ l w g l b g a _ q r m p s k j k g l P c W _ l b E l _ j c t a j g n W c d d c a r g t c n _ r g c l r q u c p c j m
 r f m q c m d g l c d d c a b r g v l d n w g l g 5 c b l _ r w q m l d r c p m n c p C o n c l u s i o n The
 evnpression of sepuk ki 246 _ n d E _ l e c t i n n _ t i e n t s u i t h n u l k o n _ p w i n d e c t i o n _ d t e p N C g i s c l o s e l w p e l _ t e d t o
 the CN g S _ n d A N A C F E _ s c o p e s u f g a f a _ l ` c s q c b \_ q \_ l m ` h c a r g t c ` _ r d q q d m p a j g l g a _ j b
 c d d c a r m d a m l t c l r g m l _ j _ l r g W g l d c a r g t c r f d p _ r n f w c a l j g l g a c l j r l q c u d r r m f g e f
 _ b h s q r r f c r p c _ r k c l r n j _ l g l a m k ` g l _ r g m l u g r f g r q c v n p c q q g m l g l m p b c p

KEY WORDS N a p s r _ l c m s q a m p m l n _ p j w k n l l r o p v t k g l P c W a E q n b a r g l W
 P c a c g t c p m n c p _ r g l e a s p t c

N c p a s r _ M c m s q a m p m

l _ p w g l r n a g c l r g m l

1.1

n N A G

0 . / 7 /

0 . / 7 / 0

3 . 5 N A G

n

N A G

/ n

N A G N C g / /

A N G Q

n

? N ? A E C

N A G

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/ N A G /

/ n

k g P L ?

n

k g P W 4 _ /

1.2

¹ E _ j c h a r g l W

1.2.1

N A G

N A G

k g P W 4 _

n

E _ j c h a r g l W

n №

0 . / 5 TM²

2.2

ANGQN?AFC

E _ jARN?AFpÀ

1b k g PŴ

2 PMA

R _ `2j PMA \_ l \_ j w q g q m d r f c q g l e j c \_ l b a m k ` g l c b b g _ e l m q r g a t _

?SA		#		#
1b k g/PŴ _	. , 6 . 3	<4 , 3	5 4 , 1 0	5 1 , 3 3
1b E _ j d a r g l Ŵ	, 5 6 /	<0 3 , l / e 6 - k J	4 6 , 2 0	5 5 , 7 4
	. , 6 3 1	+	5 0 , 1 5	6 4 , . 6

7 n / n
//1/5 b k g P V 4 E _ j c a 1 r g l W
k g P V 4 E _ j c a 1 r g l W n
X f m s W / W /
1 b
5 b n E _ W c a / X c w k c p S , B g _ e l m q g q _ l b g l g r W _ j k _ l _ e
r g l W b g _ j g l H _ k k u d m p r q a f p / 7 4 2 b 1 2 W 1 4 ,
0
W W Y 0
AGAS
/ H , 0 . / 1766 / . 1 . W / . 1 1 ,
/ n 1 , k g / P 2 W _ p 0 7 / . / 4 2
E _ j c a 1 r g l W H ,
0 . / 077 / / 7 . 1 W 7 . 3 ,
2
/ 0 n E _ j c a 1 r g N W G , 7 . 1 W 7 / . / e
/ N A G E _ j c a 1 r g l W
E _ j c a 1 r g l W
E _ j c a 1 r g l W
n k g P V 4 _
n k g P V 4 _
/ 1 n N A G
k g P V 4 _
n
k g P V 4 _ 1 b
n
E _ j c a 1 r g l W
/
n k g P V 4 _
k g P V 4 _
/ 2 n N A G
k g P V 4 _
k g P V 4 E _ c j a r 1 g l W
n P M A
1 b k g P V 4 E _ j c a 1 r g l W
N A G ? S A . , 6 3 1

CFk_xgfjnsf_gucg>lgdba,mpe,a|

0 . 0 . / / / 0

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/ @ _ j d m s p Q F a F H p j g E p g B M k W E c p g q M K , R f c n p m k
g q c m d _ n p m n f w j _ a r g a C r H q , r n c d y _ p p t g p s q t _ a a g l c
P c c p . 0 6 5 0 1 2 3 W 1 3 0 ,
0 E c p k g Q g B j Q c k _ i m t r ? j , M l a m W c l g a N p m n c p
r g c q m d r f c C @ T X C @ R ? I N c o m p r c o g . l o .
/ 0 4 / 2 5 7 ,

1 J g X f _ l e B M l e c r _ j , A p w m C K q r n W s a r s p c m d r f c r c e s
0 . 0 . 0 / Ö 0 . 0 :

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