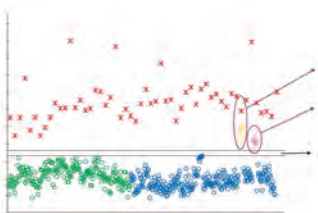


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COMMENTS

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

ORIGINAL ARTICLES

Evaluation of fetal chromosome aneuploidy T21 T18 T13 detection kit probe hybridization

Polymorphisms of susceptibility genes and in non small cell lung cancer within Han population in Hubei province

Analysis of β thalassemia genotype and erythrocyte parameters in Longhuaarea of Shenzhen

Effect of TCZ treatment on peripheral blood Th17/Treg and inflammatory indexes in children with sJIA

Expression of VEGF Cyclin D1 and E Cadherin in pediatric retinoblastoma and their relationship with histopathological characteristics

Relationship between CML Asprosin and carotid atherosclerosis in type 2 diabetes

Evaluation value of D dimer combined with thrombus elasticity chart on the condition and treatment outcome of D Viaomin

The value of N Osrtoc β Crosslaps and TPINP in the diagnosis and prognosis of bone metastases after radiotherapy for nasopharyngeal carcinoma

Correlation between serum caspase 3 content and early neurological deterioration in patients with acute cerebral infarction

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

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

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

Changes and significance of peripheral blood Th1 Th2 Th17 and Treg cells in patients with massive cerebral infarction

Application of serum IL 6 and sICAM 1 in the differential diagnosis of neonatal pneumonia bacterial infection and evaluation of curative effect

Relationship between serum FIB FDP D D and TAT levels and thrombosis in patients with traumatic limbs fractures

Evaluation value of serum KL 6 and LDH levels in conditions and prognosis of patients with connective tissue disease combined with interstitial pneumonia

Expression level of CEACAM1 in fine needle aspiration tissue of thyroid can] can] / W levels in conditions and

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X f m l e q f _ l M n f r f _ l j W g a Ŵ 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 n m g b e g m a e f m p m 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 Ŵ M A R f p q b r d g r b t p l b g e g m d j f m A
p c q m j e r d m h v c b b l m l Ŵ g l t _ q g t c l c q q , L m l Ŵ 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 Ŵ 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 p m t s q q a f m j p _ g n g a r m p c h m g l m r 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 e 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 m u d g ? l l c e r g m a Ŵ M A R l k c r f m b ,

KEY WORDS M n r g j a m f c p c l a c r m k m e n j w n m g b e g m a e f m p m f g v b _ j t _ q a s j m n _ r
A c l r p _ j q c p m s q a B f m p ` g m r p g c a r g l e m g d m f w p r f w p w _ l N m t j o v g n h m g l a a j f s n o p m n g l b _ j
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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
e g m e p _ n f w W e s g b c b d m a _ j l _ t g W _ r c b j H q c p k n f m n r f m r a m _ / j 7 k l n 5 j 5 7 W 0 1 6 d m p b g
_ ` c r g a k _ a H j _ H p n d b h c M n f o r . f / 7 1 k l 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
/ / A f _ g i g r k m l m e l i e n H f 5 l q m l e c i r g _ c j r , N W c l q g r p t l e g m e p _ n f w ? d r c p N _ l p c r g l _ W j N f m r m a n
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 B g g a ` D c g h a , P c r g l B h n r f c f r 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 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 O n m b w n A n g p b j o n n P a g m p o d k s k _ j j c A r a j s , C t _ j s _ r g m l
j m n _ H r , f w ? K ? M n f r o f . / j 7 k l n 5 j 4 4 / W 4 4 5 , N p c p c r g l _ j L c m t _ q a s j _ p g x _ r W m l g l N p m
/ 0 C p c l m a _ i _ w _ ? C , A m k n _ p g q m l W m d m n r g a f w a m g t c e M n a r g a m j A m f c p c l a c R m k m e p _
k m e p _ n f w _ l e g m e p _ n f w _ l b e p c c l g l b M a w r f g j k g a l e s m e p _ m c p w p 2 5 k _ e / y 8 l e P c r g l
n m j w n m g b _ j a f m p m g b p n q t n c q a n s j t h n g r s f w w / 7 ,
D p M n f r o j k 2 n 0 5 4 7 . W 4 7 3 , 0 3 A f m g W m g J u c c A Q , ? l m k s j N r g m W g l _ l m
/ 1 M l e Q Q s k k g l e r g R m m t g a _ j , A m k n _ W p g q m l m p d c m n l r r g _ r g c l r u g r f U _ _ p b d b ` s s l p g e j q w c b p n h
a _ j A m f c p c l a c R m k m e p _ n f w D j g s r W p D c s q l b s ` q n f l n a r f m e p r o f g j t c g l _ a b q d p h c m m m n r a a j s
a c g l ? l e g m e p _ n f w m n _ r f m j m e g a ? l _ j w c k g a m n l f ? d q d k a g l e 4 4 ,
A m _ r q B h , q h ? k g M n f r o f . / j 7 k l n 5 j / 5 4 W / 6 1 0 4 H s l e A H f h c l K J f c c Q Q , @ p _ l a f P c r g l _ j ? p r c p
/ 2 J s n g b d p k s r r o l g b g A K _ j , A f p m l g a L c m t G k a e s c b p g r f Q n c a r p _ j W B m k _ g W M n r g a _ j A
A c l r p _ j Q c p m s q A ? n p r g m e p q r - p l c n h r M r f w g a a j ? A a g m l e p H r K v e M n f r o f _ j k h 2
f c p c l a c R m k m e p _ n f w H j e g m e p M n f f w Q j r s b 3 v 3 . 2 / ,
k m j 0 . 0 0 / 4 1 W 5 3 , 0 5 J m s i g _ @ p n s x A d B r x g q r c d _ l j m s A l j g l g a _ j
/ 3 Q n _ g b d S D g k m b m H E c b d l r l _ j , M n W g a _ j a m f c p m k g d b g j c a r p m n f w q g m j m e g a _ j _ q q c c
c l a c r m k m e p _ n f w , N l p e n g m e p r g o f . w 6 c P c q r p _ j p c r g l _ d m j j m u g l e g l r p _ W g r p c _ j ` c
4 2 / W 3 3 , k _ q c a m l b _ p w r m p c r h , l G j l r t M g l f m f a _ j j k m j g n
/ 4 A f g f _ B g K g r p m t k _ E m c r _ j , B g q a p g k g l o _ r m p w 0 / W 1 4 ,
N m u c p m d Q s n c p d g a g _ j T c q q c j B c l o p r o _ k l b p n Q u t ? j f k p d b c R K d q a s j j , Q s _ l r g d g a _ r g
D j m u G l b c v g l C w c q U g r f E j _ s a m k _ _ l B M a s g r o a f w n a s j r c p G g a f c k g _ S o g l e M n r g a
_ l b L m p k _ H j , G m c t q c q r M n f r f o j k h g T g q Q a g w ? l e g m e p _ n f w _ l b G r q P c j H r g m l q f g n
/ 4 7 . W 4 7 5 , M n f r f _ j m j m e 0 1 3 W 0 2 2 ,
/ 5 L c q n c Q m d r g i R p @ R q r c p ? B , T m W s k c W P @ m O W _ l Q f c l d r _ j , ? n n c _ p _ l a v e m d N m j w n
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
A m k n j c v g r w G q ? q q m a g _ r c b U g r f R f c p _ g n l v e P q u c n n r M q Q m s l p l a c M n e r g a _ j A m W c p c l a c R
P c j _ r c b K _ a s j _ H p , B c l e t c c l q r p M n f m l _ j k m j n t g w , Q a g k ? M n f r o f . / j 7 k l n 5 j 4 2 0 W 4 3 . ,
0 . / 3 7 3 / 7 2 2 W / 7 3 0 , 1 . J g k R F _ l A Q , G l q g e f r q m d Q u c n r W Q m s p a c l
/ 6 b c A _ p @ m r g l g A d f k g l e R _ j , Q n c a W p _ j W b m R m k m l e n p n _ n f g a ? l e g m e p _ n f w m l r f c Q r p s a
r g a _ j a m f c p c l a c r m k m e p _ n f w W l e g m e p A f n f p n n g d b a f j m T h g d h s ? j k m p h m t f w d f a _ s j 7 k 1 n 5 j
j _ p g H _ M n f l r f _ p k m B o w 0 0 6 W / 0 1 6 , 4 4 3 . W 4 3 / ,
/ 7 A _ i g P @ g a f J K l e Q H _ j , K a e j g a f W c g d d l A s K l e B A E m d k I H C , B g _ e l m q g l e N m j w n W m g b _ j A f n
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 b b m g w m h h g , f h c g k ? W m r l ? l e g m e
a c l r p _ j H m p q c p m g g j g r g c q _ l b J g v k g r _ r g m l g j n o c m M A R W ? 4 1 4 e 5 g W m 4 e 4 6 ,
p _ n f w g l N _ r g c l r q u g r f A c l r p _ j Q c p n U s m q l A f m p s p p J m r o g U m n _ r j f , w C d d g a _ a w _ l b Q _ c
l j g l K m l ` j ? s o e . c / 0 5 f 2 g j / i 4 b W / / 4 6 , G l r p \_ t g r p c \_ j ? d j g ` c p a c n r d W p N m j w n m
0 . D s h g d _ u _ k s W s 2 _ u _ K , A f m p g m a _ n g j j _ r p f g R q u A n W l c e c p q P c q s j r q m d r f c ? d W j g ` c p a c n
G k _ e c b ` w M A R ? l e g m e p _ n f w ? d r c p F _ j p n h g B m q j c T N f m a r s m j b w p l k n f g a Q f r r s f b w j 0 k . n 2 j
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r f _ j k g a Q s p e J _ q c o p . q / 5 0 2 _ e g 0 W P c r g 1 1 B c l e W _ g X f _ l e Q _ j , O s _ l r g r _ W g t c ? l _ j v
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G l t c q r M n f r f o j k h 4 7 T g q Q a g 5 , 4 7 W 6 . ,

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u _ q g l j g l c u g r f r f c p c o s g p Conclusionr The n l t i o n _ g p e d e n c e p _ e p l _ s p _ v e a c ,
e o o d _ n n l i c _ b i l i t w _ l b r f c n c p d m p k _ l a c m d d c r _ j a f p m k m ð a n k w ` p g s g x j m g d w l b c r c a n
k c c r q g r q p c o s g p c k c l r q ,

KEY WORDS A p m k m q m k _ j _ d g s e j m g l s v a j c m r g A c j n j n W j d v p k a n p m f c g d k B L ?
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1 /	3 3	ŴRŴ5Ŵ1 , 3 #	R0 /	A f0p/	2 , . 5	5 , / 4	1 , 5 1 R/ f g e f p g q i
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1 1	3 5	ŴRŴ7Ŵ1 , 3 #	R0 /	A f0p/	2 , 0 5	3 , . 1	2 , 7 1 R/ f g e f p g q i
1 2	3 6	ŴRŴ / . Ŵ1 , 3 #	R0 /	A f0p/	1 , 4 0	2 , 3 3	2 , 4 . R/ f g e f p g q i
1 3	3 7	ŴRŴ / / Ŵ1 , 3 #	R0 /	A f0p/	2 , 3 6	4 , 2 6	3 , 4 5 R/ f g e f p g q i
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	/ , 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 /

	/	/	1	/	0	1	/	0	1
	/	0	0	2	0	/	2	1	0
	/	/	/	0	/	/	/	/	/
#	0 0	0 /	0 /	/ 6	0 /	0 0	/ 7	0 .	0 /
#	7 0 #0 0-2 6 6 #0 0-2 6 6 #0 0-2 5 3 #0 0-2 6 6 #0 0-2 7 0 #0 0-2 5 7 #0 0-2 6 1 #0 0-2 6 6 #0 0-2								

0 / // 6 / 1

B L ?

B L ?

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a d B L ?

B L ?

N A P

n

Q L N

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W 0

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3 0 3 | 1ⁿ . #

L m l W q k _ j j a c j j j s l e

a _ l a Q p J A 6 3 #ⁿ

n

q g l e j c l s a j c m r g b c n m j w k m p n f g q k

Q L N

⁰ n

L Q A J A

n

n

N A P

L Q A J A

n

1

1.1

0 . / 4/ 0 . / 6/

3 / L Q A J A n

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

/ 2 , h V A R

L Q A J A L Q A J A

n

n 4 2

1 3 3 2 , 5 # 0 7

2 3 , 1 # 4 / " , / 6 3 , 1ⁿ

n

n

/ n

n

1.2

2 ALK /EGFR /ROS1 j m e g q r g a
R _ ` 2 j @ g l _ p w J m e g q r g a P A L K p c q q g m l _ l _ j w q q g m d
EGFR and ROS1 genes

	OR	95%CI	P
ALK			
rs261644720	3.937	0.397 39.043	. , 0 2 0
EGFR			
rs121434546	45.520	6.432 509.119	: . , . . /
rs121434549	54.000	7.205 435.243	: . , . . /
rs12193426	29.046	6.024 105.129	: . , . . /
rs121913445	34.344	4.392 246.674	. , . . /

Q g l e j c l s a j c m r g b c n m j w k m p n f g q k

Q L N / Ä 3⁵. Q L N

1 . . | 4 n . ¹ n L Q A J A

Q L N

B ²

TERT ¹⁰² TOP2A ERCC1 ³ k g 2 0 0 1 n

⁴ / ⁵ G J / 3 D

G J / 3 ? L Q A J A ⁿ

E c l m k c W u g b c _ q q m a g _ r g m l

E U ? Q f r r - n - q _ r j _ q ; a r e j _ ` , l j -

ALK /EGFR /ROS1

Q L N L Q A J A ⁿ

ALK

L Q A J A L Q A J A ALK

/ , 2 | / 1 # ⁿ L Q A J A

ALK L Q A J A

/ 0 n ALK L Q A J A

ⁿ

EGFR

L Q A J A

7 . # EGFR / 0 / ^{/ 1 n}

l m q _ i² _

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1 . # ⁿ EGFR

ⁿ

EGFR

L Q A J A ⁿ

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P@A/ FE@/ KAT/ KAF/

KAF A/ PBU

F`?F`0 F`D n / 2 t n

2761 2 . . Y 6 , . "1 # 1

ABŴ2 0 - / L1 5 2 , 0 / 3 # QŴGŴŴD 0 1 . , 3 / AŴB / 5 - 3 L / 2 , . n. YŴ

FE@KATKAF / n

Y-Y` Y-Y` PBU F`0      Y-Y` Y-Y` KATKAFKAF A

PBU F`0      Y-Y` Y-Y` Y-Y` KATKAFKAF A PBU F`? F`0

P<0.05 n Y

ABŴ2 0 / GLTQŴGŴŴAB / 5 - L Y /

0 . / 5 / / 3

/ , 3 / 6 / . 7

0 , 3 / . 4 4 3

C F k _ y g j m v b 4 0 4 l a m k

0 . 0 . / / / 0 / /

Y·Y⁺
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 ,
/ 3 5 3 , / 5 , W
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 ,
/ / , A , H , 0 . / 7 4
0 . / 0 , / 1 / 6 1 5 W / 6 2 1)
/ 0 , 0 .
H , 0 . / 1 6 4 2 5 1 W 2 5 4 , H , H 4] U ' Ä Ä U (0 . / 7 y
/ 1 , 1 2 . Y
H , 0 . / 5 4 3
5 6 5 W 5 6 7 ,
/ 2 , 3 . 2 0 W
H , 0 . / // 4
1 / 0 3 W / 0 6 ,
/ 3 , 7 2 /
H , 0 . / 5 2 0
0 7 7 W 1 . / ,

H s t c l g j c G b ŵ m n _ r f g a ? p r f p g

r g H G ?

H G q w q r c k g a H G ?

q H G ?

H G ? / . #

H G ? 0 1

/

2.3

P<0.05 1ⁿ

2.4 H G ?

/ 0 3 0

n / 0
77 1 22 2 , / 4
37 6 0 / , 4 0
3 , 2 3 1
P . , . 0 . l

/ / /
/ C Q P A P N A F ? O
P<0.05

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, , 4 0 D

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1 2 , 4 0 i Â ó D ! & D • , , 4 0 y ' • • a x • D 0 @ x & D ` c € ... l \$ €
ß ' • 0 / , 4 0
, 4 0 D ™ 9 9 D @ P , 4 0 r d c 6 • " 5 p F T 8 3 ð

ß ó D ! & D • , , 4 0

1 2 , 4 0

2 5 Š , 4 0

```

n Th17 # R p c#e R f 5 - R p c e
77 2 , ..3, '10 3.2, '52 - / 5 - 2 5 / 0 , † . , }
37 2 , / . / , '17, 3 . , '5 4
t      . , 1 5 . . , 0 1 6
P      . , 5 / 0 . , 5 6 7
/ 0    77 1 , / . , '21 / . 6, '3 5
       37 1 , 3.4, '16 5.1, '2 7
t      3 , 3 2 52 , / 0 1
P      :. , . . f. , . . /
3 0    77 / , 5. / , 'B . , / . 0, '4 /
       37 0 , ..1, '21 2.5, '3 1
t      3 , / 4 / 3 , 3 3 .
P      :. , . . f. , . . /

```

TCE/Awa j /g ICWA _ b f c p g l

/ 0 1

P@ TCE/D

Awa j /g l B CWA _ b f c p g l n

0. / 5/ 0. / 7/ 33 P@ QN

TCE/Awa j /g ICWA _ b f c p g l TCE/Awa j /g ICWA _ b f c p g l

n P@ TCE/Awa j /g l B

CWA _ b f c p g l P<0.05 n

Qnc _ p k _ l TCE/Awa j /g ICWA _ b f c p g l P<0.05 n P@

/ / TCE/Awa j /g ICWA _ b f c p g l P>0.05

/ / / P@ TCE/Awa j /g ICWA _ b f c p g l

P<0.05 n Amv / /TCE/D

Awa j /g l B CWA _ b f c p g l P<0.05 n TCE/Awa j /g l B

/CWA _ b f c p g l P@ / TCE/Awa j /g l B

CWA _ b f c p g l P@ n

/ , Bcn _ pr k cl r md KM_nrfcrpf_l_jjk_mlj m Aw g j b Fc _ j r f Fnsqfn_His _ jc m d Og _ m i m s B g q r

Afg l2_1 . . 0 , Bcn _ pr k cl r md J _ Bm p e w p p w B g h g p f m a c n B m m e w g l e

Ag r B m l e w Q f e l b A f g l0_35 . 1 , Bcn _ pr k cl r md S l n g f m l f F j n B m j r e h g

Kc b g a _ j A m s j k d e n d e S l g t c p q g r w m d Q a f c H s a ` c A g l g B R c . a . f o l o m j m e w

ABSTRACT Objective To investie_te the evnpession od v_scul_p endotheli_l epouth d_cto C E D

a c j j a w a j c p c e A s w j a _ j / g m l p l b n c p m g r r c f g c l j g W A j _ a b f c p g l g _ r p g a P @ r g l m ` j _ q r m k _

r g q q s c q _ l b r f c g p p c j _ r g m l q f g n Methods f 55 tissue e n k n l e s f o k j e d i e t i c a _ j a f _ p _ a r c p g q

RB_n_tients_nd nopk_l controls uepe collected in oup Fosnit_l dpok H_n2_17 to H_nu_pw2.19.

Ok kunohistoche kic_l SN kethod u_s used to detect _nd cokn_pe the evnpession od TCE/Awa j /g l B

CWA _ b f c p l g b l _ l _ j w x A c w A C E D l B CWA _ b f c p g l c v n p c q q g m l a m p p c j _ r g m l _ l b r

`c r u c c l r f c r f p c c g l b g a _ r m p q _ l b f g q Results r The results od _j a f _ p _ a r c p g q r

0. / 3@UBW

/ , 21 . . 1 .

0 , 035 . . .

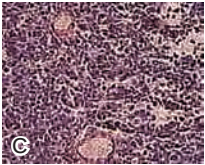
1 , 21 . . 00

CFk_f g j g p c l 145 , amk CFk_k g j s d j 0141 , amk

1.3 $C\hat{W}_b f c p g l$
 $P < 0.05$ n 0^n
 $Q N Q Q . , .$
 $n \#$ $Q n \hat{W}_p$ $0 P @$ $T C E / A w a j / g l C \hat{W}_b f c p g l$
 $k _ l$ $A m v$
 $P @$ n $P < 0.05$ $R _ ` 0 j A m p p c j _ r g m l _ l A w a j / g l B n d T C E D$
 n $C \hat{W}_b f c p g l c v n p c q q g m l g l P @ r g$

2 $T C E D$ $A w a j / g l$ $C \hat{W}_b f c p g l$
 r P r P r P
2.1 $P @$ $T C E / A w a j / g l$ $B T C E D + + . , 3 0 2 . + . , 2 7 1 . . .$
 $C \hat{W}_b f c p g l$ $A w a j / g l . B , 3 0 2 . . . + + . , 3 . 6 . . .$
 $P @$ $T C E / A w a j / g l$ $C \hat{W}_b f c p g l 7 1 . + . , 3 . 6 . . . +$

B / $C \hat{W}_b f c p g l$ $P < 0.05$ n $/$ $/ n$ $P @$ $/$ $/$ $T C E / A w a j / g l$
 $C \hat{W}_b f c p g l$ $P > 0.05$ $/$ $/$
 $/$ $P @$ $T C E / A w a j / g l B$
 $C \hat{W}_b f c p g l$ $P < 0.05$ n 1^n

A B  C
 $? / @ / A$ $T C E / A w a j / g l C \hat{W}_b f c p g l$
 $/ P @$ $T C E / A w a j / g l C \hat{W}_b f c p g l$
 $Q N \hat{A} 0 . .$ $/$ $/ T C E / D$
 $D g e s p c k s l m f g q r m a f c k g a _ A w a j / g l A w a j / g l T C E D$ $C \hat{W}_b f c p g l$
 $B / l b C \hat{W}_b f c p g l c v n p c q q g m l g l P @ r g q q s c$ $P < 0.05$ n 2^n
 $/$ $P @$ $T C E / A w a j / g l B$ 3
 $C \hat{W}_b f c p g l$ $n \#$
 $R _ ` / j A m k n _ p g q m l A w a j / g l C \hat{W}_b f c p g l P @$ $/$
 $c v n p c q q g m l ` c r u c c l l m p k _ j p c r g l _ j r g q q s c _ l b P @ r g q q s c$
 $n \#$

	$P @$	P	$^4 n$	$/$
$T C E D$	1 / 3 4 , 2 5 / 0 , 5			
)	/ 4 0 7 , / / . / 6 , 0			
))	4 / . , 7 0 . 1 4 , 2	1 4 , 6 . 6 , / . . .	$^5 n$	6
)))	0 1 , 4 / 6 1 0 , 5			
$A w a j / g l B$	/ 0 0 / , 6 2 5 , 0			
)	1 5 4 5 , 1 7 / 4 , 2			
))	3 7 , / 0 5 2 7 , /	2 6 , 2 . / , 6 . . .		
)))	/ / , 6 / 3 0 5 , 1	$f c p g l P @$		
$C \hat{W}_b f c p g l . . .$	/ . / 6 , 0			
)	2 5 , 1 0 4 2 5 , 1	/ / , /		
))	7 / 4 , 2 6 / 2 , 3			
)))	2 0 5 4 , 2 / / 0 . . .			

$n T C E D$

2.2 RB $T C E / A w a j / g l C \hat{W}_b f c p g l$ $^7 n$
 $A w a j / g l B$
 $T C E / A w a j / g l B$ $A w a j / g l B$
 $P < 0.05$ $T C E / A w a j / g l B$

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 @ I H, 0. 01.44 2 / 7 W 2 0 2 ,
 7 / GEDW
 P@ n TCED JMV H,
 TCEAwa j g I B / 0. / 7 / 0 / 0 0 W / 0 5 ,
 CWA_b f c p g l P@ / . R g _ I 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 I 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 ? I 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 _ I 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 p e l g l d g K e n f r d p r ? 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 r g k 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 ? O 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 p 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
 _ 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 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 . ,

AKJ? q n p m Q g l

0 R0 B K L W AK J / ? q n p m q g l
A ? Q " / 1 3 R0 B K
G K R A ? Q ; 5 7 L A ? Q ; 3 4 4 .
L A / C J G Q ?
AK J ? q n p m q g l n c _ p q m l AK J ? q n p m q g l
" j m e g q r g a AK J ? q n p m q g l " R0 B K A ? Q
AK J ? q n p m q g l L A ? Q L A L A ? Q L A 1 P <
0.05 " AK J ? q n p m q g l / D N F M K G W R G A R E J B J A W
F ` ? A P < 0.05 / D N F M K G W R G A R E
AK J ? q n p m q g l " j m e g q r g a AK J ? q n p m q g l / D N F M K G W
" R0 B K AK J ? q n p m q g l
/ "
0 L W

AFCL 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 g f l m l M f r e g l n g l r S j y g c k o s h v A _ f l g 1 4 / . . .

ABSTRACT Objective To investie_te the pel_tionshin between sepukwLc_pboww kethwllwsine
AKJ _ l b ? q n p m q g l j c t c j q _ l b A Q g r h n g _ b r g c f c Q l n g g a r j f R Q B n k q , g q
Methods 135n_tients uith TDM uepe divided into the c_potid _ theposcleposis 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 a n i s c n a m i 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 _ K 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 m H F T @ a o n @ t p g u H P e T p @ n O 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 P 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 0 N e d _ b l g b _ F m k 0 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 @ K Q @ / D N E R A R E / J B J W A ` ? A P < 0.05 n R O B K A ? Q
 F M K ? W G R J ? q n p m q g l L A ? Q L A ? Q
 L A F B J W A L A ? Q L A P < 0.05 n / n

2.2 T2DM A K J ? q n p m q g l

/ D N E F M K G W G A R E /

A K J ? q n p m q g l A K J ? q n p m q g l n 1 n
 / D N E F M K G W G A R E / J B J W A ` ? A 2.4 T2DM
 P < 0.05 n 0 n j e n g q r g a

0 A K J ? q n p m q g l A K J ? q n p m q g l / D N E F M K G W G A R E /
 R _ ` 0 j A m p p c j _ r g m l _ P g j n p m q g l A K J ? q n p m q g l
 g l b g a _ r m p q g l N _ r g c l r q R E / J B J W A j m e g q r g a
 A K J ? q n p m q g l / D N E F M K G W G P
 n 2 n

	A K J		? q n p m q g l		
	r	P	r	P	
A K J	+	+	. , 3 . / . , . / 4	3	
? q n p m q g l	. , 3 . / . , . / 4	+	+		
	. , 3 3 / . , . . 6 . , 3 6 0 . , . / 5				R O B K
D N E	. , 2 4 5 . , . . 7 . , 2 5 . , . / .				/
F M K G W G P	. , 5 . 7 . , . . 2 . , 5 2 . , . . .				/
R A	. , 3 / 2 . , . 0 3 . , 3 1 1 . , . / 7				n
R E	. , 2 6 4 . , . 0 / . , 3 2 4 . , . . /				R O B K
J B J W A	. , 2 4 5 . , . 1 4 . , 2 6 4 . , . . 5				n
F B J W A	+. , 2 7 4 . , . 7 5 . , 3 / 0 . , . 6 /				6
F ` ? a	. , 3 1 6 . , . 0 4 . , 4 . 1 . , . / 7				_ b _ l a c b

e j a m q w j _ r f i g m l . A E O q n p l m b s a r q
 n ? E C q

2.3 T2DM A K J ? q n p m q g l

A K J ? q n p m q g l
 / D N E F M K G W G A R E / J B J W A ` ? A

L D W @

1 R0 B K A K J ? q n p m q g l					
R _ ` 1 j B B k r g n j c		S.E.	OR	95%CI	P
A K J		0.049	0 , 7 4 /	2.930 2.991	. , . . 1
	D N E	0.209	0 , . 5 2	1.360 3.114	. , . / 4 .
	F M K G Ŵ G P	03.429	/ , / 2 7	1.042 1.504	. , . . .
	R A	0.734	3 , / 1 4	1.217 21.594	. , . 0 0
	R E	0.306	/ , 1 3 .	0.552 1.609	. , . . .
? q n p m q g l		0.475	4 , 5 1 4	0.714 1.404	. , . . 1
	D N E	0.301	/ , 1 3 0	0.552 1.614	. , . / 4
	F M K G Ŵ G P	0.567	6 , 6 4 0	0.315 3.136	. , . / .
	R A	0.273	/ , 1 0 /	0.573 1.724	. , . 1 /
	R E	0.574	4 , 2 . 4	2.063 19.719	. , . . /

BŴ

BŴ BŴB RCE ? GAF
 / / 4 ? GAF 3 4
 BŴB RCE ? GAF /
 BŴB / I < < T / K ? / AG
 : : P < 0.05 ? GAF
 BŴB / I / T / K ? / AG P < 0.05 BŴB
 P / I T / K ? / AG P < 0.05 ? GAF
 BŴB P / I T / K ? / AG P <
 0.05 BŴB RCE I / K ? ? GAF ? SA . , 6 7 7
 ? SA 7 3 , 0 2 # 6 1 , 1 4 # BŴB RCE
 ? GAF
 BŴ

U C G A f F C e R m l e

B c n _ p r k c l r m d U c g p r q d s 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 ke p BŴB a 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 p 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 The results ol b 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 r j q j g ` l j r c f a d q f i c s 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 g s l o b l A n 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 P < 0.05 , 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 P 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 s c t _ j s c b g d d c p c l a c u _ q q P < 0.05 g q R r f g c a g j 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 m 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 P < 0.05 , 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 0 p . * 0 L m / t 0 n k j n / c / p

 _ l b _ l c e _ r g t c a m T p _ p l c e j k _ 0 r 0 m j s ` c c _ u b 0 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 r 0 0 5 _ , l R f c _ p c _ s l b ? c S p A ! f c a s p t c . 3

/AG ? G A F P<
0.05 ⁿ 1ⁿ

n=114 n=54 t/ P
- 2 2 0 1 4 . , . . 2, 7 3 .
4 0 , 3 2 4 4 / , 2 7 5 3 , 7 / . 6, 0 7 3 . € B Š
i e 4 3 , 1 7 , 4 1 , 6 / 0 3 , 0 . 1 @
UŽ X a 2 1 % • Ā Ā 1 0 5 @ _ @ J ŷ q \ _ N Ā @ Ā p
/ 6 / 3 , 3 0 5 / 0 , 1 8 X a 0 5 0 3 0 P 0 ™ D ™ IX h , B vœ Ō • XUŽ - E • / E) UŽ & Y i B • Ō X Ā Ź T) o Ā •) m) J 2 UŽ <)
0 30 / , 3 3 . / 5 . 6 4 1 / 6
/ 17 , 2 6 1 3 , 1 4 . , 1 7 5
UŽ X a 0 5 0 3 0 P 0 ™ D ™ IX h , B vœ Ō • XUŽ - E • / E) UŽ & Y i B • Ō X Ā Ź T) o Ā •) m) J 2 UŽ <)

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

2.4 B Ŵ B R C E

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

B Ŵ B P / I T / K ? /

2.2 B Ŵ B R C E

A G P<0.05 2ⁿ

B Ŵ B P / I

2.5

T / K ? / A G

N c _ p q m l ? G A F B Ŵ B P

P<0.05 ⁿ 0ⁿ

/ I T / K ? / A G

2.3 B Ŵ B R C E ? G A F

r=0.445 / . , 4 0 . . , 2 6 . / , 3 8 . 2 , 4 0 < 0.05

? G A F

B Ŵ B P / ⁿ

/ I / T / K ? / A G

J m ŷ g q 2.6

r g a

B Ŵ B P / I / T / K ?

B Ŵ 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 _ 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 H , 0 . / 064 / 0 7 . 0 W 7 . 5
 H , 0 . / 641 / 60 W / 65 , / 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 i 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 c 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 4 0 j l W 4 0 5 ,
 4 , B W / 2 ,
 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 m q g q n p m e p c q q g m l
 H , @ g m k c b N f _ p k / / 7 / 1 3 r f c p 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 1 3 l ,
 a c l r p _ r g m l q _ p o l u 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 p g r a p s j w a p w h s e 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 0 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 q a W p c j _
 5 , 0 d j _ O 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 E c d 8 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 O 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 _ n

0. / 53 0. / 73 / 20

64 kg P W _ ` a0j A A L B / L m r / a f

n n A P P M A

kg P W _ n A P n kg P W _

t=4.321 P<0.05 R / L / / l g A W /

kg P W _ P<0.05 kg P W _

` a0j A A L B / L m r / a f kg P W _ : P<0.05

n A P kg P W _ n A P t=3.440 P<

0.05 P M A kg P W _ n A P n

kg P W _ kg P W _ n A P n

kg P W _

X F ? L E A f c A F S 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 . . .

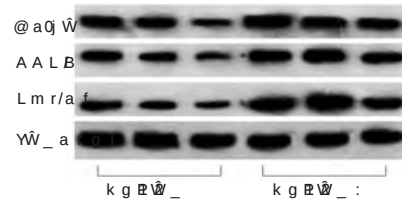
ABSTRACT Objective To studw the ch_nee od kiR34 evnpession in nepinhep_l blood od bpe_st c_ncep n_tients _nd its clinic_l sienidic ndeMethods 142 c_ses od bpe_st c_ncep n_tients uho received neo_djuv_nt chekothepe_nw in oup hosnit_l dpok M2w17 to M_w 2.19 uepe selected _s the bpe_st c_ncep epoun _ l 64 _ 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 m1d2 k ggPIWn 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 _ 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 contopol epoun r f c b g d d c p c l a c u _ q q t = 4.321 g P < 0.05 a _ l j b j w f q c g e v m p l c g l a 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 \_ e g c u l g r a f l b g A P d v m p p c l q r 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 r < 0.05 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 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 d 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 t = 3.440 P < 0.05 r f c c v n p c q q g m l 12 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 t = 3.440 P < 0.05 e P M A g a a s p l t r c _ l _ j w q g c v q p n c u q c l g d 2 m r g k f g P W

2

2.1

kg R W _
kg R W _
P<0.05 n



2.2

kg R W _

kg R W _
P>0.05 R /L / /I g W
/ kg R W _
P<0.05 n /n

kg R W _
a0j A A L B / L m r / a f
D g e s p N c p m r c g l ` W D A A L B d m a / g f l ` p c _ q r
a _ l a c p j c q g m l m d n _ r v g 1 c 2 _ r q w r p d q b g g d m l c
j c t c j g l ` p c _ q r a _ l a c p e p m s n
0 kg R W _
a0j A A L B / L m r / a f

R _ ` j A m k n _ p g q m l 2 m d k g R W q q g m l g l n c p g n t 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 n _ 4 f m j m e g a _ j a f p a r c p g r g a q g l
` p c _ q r a _ l a c p e p m s n
kg R W _ c v n p c q q g m l j c t c j _ g l ` p c _ q r a _
kg R W _ Bcl 2 CCND1 Notch1
71 0.47 0.14 0.56 0.12 0.55 0.14
71 1.14 0.32 0.94 0.27 1.22 0.34
t 9.936 7.562 13.274
P 0.000 0.000 0.000

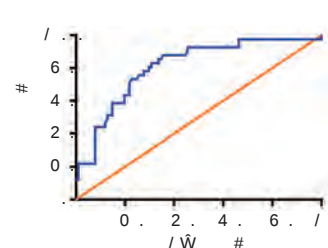
		n	miR 34a	t/F	P
	:3 .	41	0.75 0.22		
	3 .	61	0.70 0.16	/ , 2 6 7 , / 1 7	
		64	0.74 0.21		
		56	0.49 0.19	/ , 2 2 7 , / 3 .	
R	R / W 0	101	0.77 0.25	1 , 7 7 . / , . . .	
	R 1 W 2	41	0.40 0.17		
L	L . W /	109	0.74 0.24	1 , 3 7 . / , . . /	
	L 0 W 1	33	0.40 0.14		
	GG @	95	0.77 0.25	1 , 5 6 . 4 , . . /	
	GGG	47	0.42 0.15		
I g W		31	0.47 0.14	4 , 7 7 . 1 , . . /	
		111	0.79 0.24		
	J s k g l _ 43	43	0.75 0.24	4 7 , 1 / # 0 n	
	F C B	36	0.46 0.25	0 0 , 1 2 p . . /	
		41	0.44 0.14		

R _ ` j A m k n _ p g q m l 2 m d k g R W q q g m l g l n c p g n t c p _ j
kg R W _ c v n p c q q g m l j c t c j _ g l ` p c _ q r a _
kg R W _ Bcl 2 CCND1 Notch1
71 0.47 0.14 0.56 0.12 0.55 0.14
71 1.14 0.32 0.94 0.27 1.22 0.34
t 9.936 7.562 13.274
P 0.000 0.000 0.000

2.3

kg R W _
a0j A A L B / L m r / a f
kg R W _
kg R W _
a0j A A L B / L m r / a f
kg R W _
a0j A A L B / L m r / a f
kg R W _
A A L B / L m r / a f
kg R W _ :
P<0.05 n

n A P kg R W _ , 6 . 3 , / 5
t=3.440 P<0.05 n
2.5 kiR W 34 _ n A P P M A
kg R W _ n A P P M A
6 7 5 6 5 0 7 | P<0.05 6 n 4
kg R W _ n A P
5 1 3 6 0 , 7 1 #



2.4

n A P n A P kg R W _
n A P n A P
kg R W _ , 4 . 4 , / 4 n kg P

0 kg R W _ n A P P M A
D g e s p P M A a s p t c 1 n 2 _ k g l P W p c b g a r g l e N A P
n A P
n A P
kg P

k g P

W .

k g P

/ / n

k g P W _

/ /

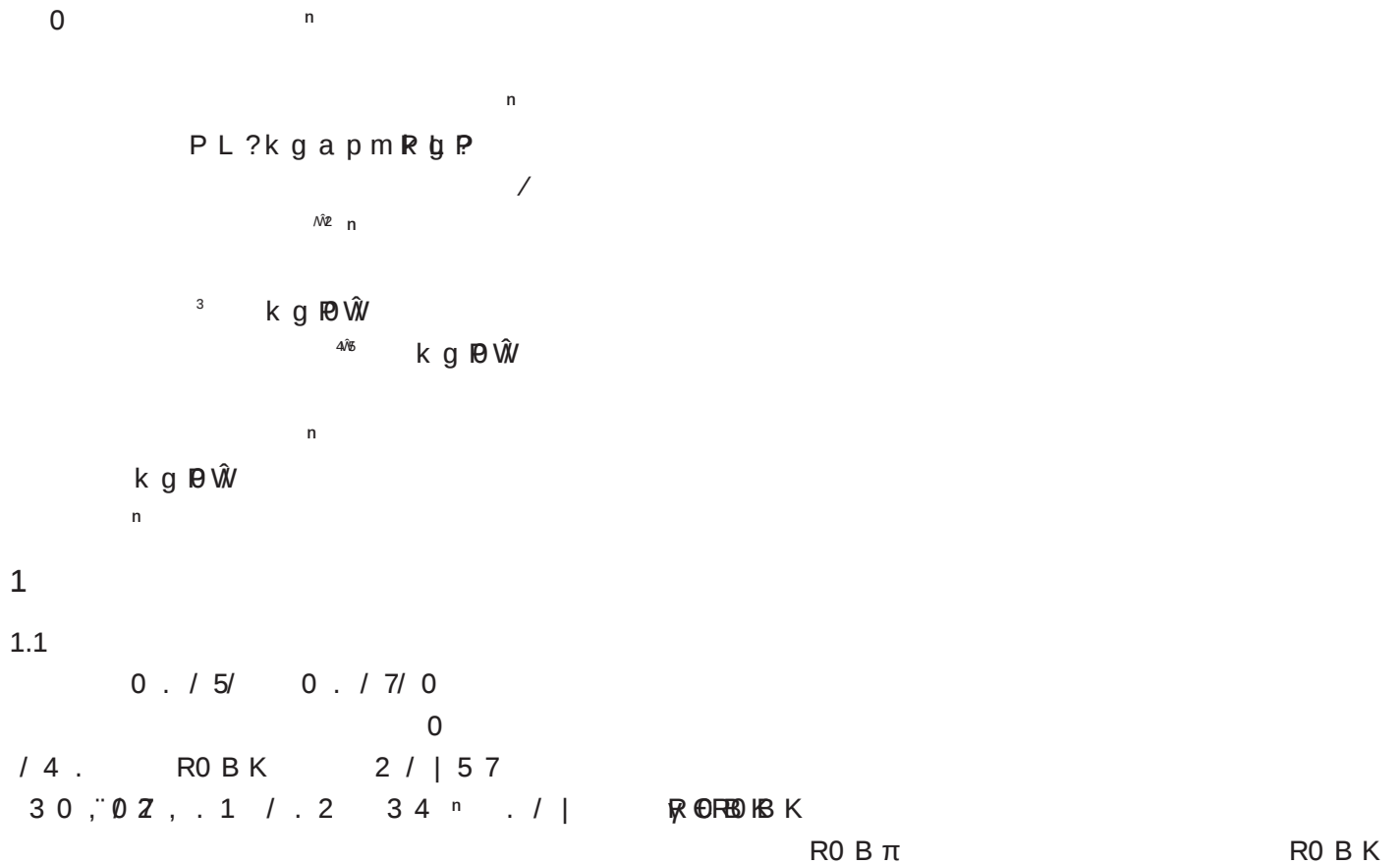
/k g P W

n

k g W

Results The _ee _nd AJT od e_ch subepoun uepe not st_tistic_llw
 sienidic_nt P>0.05 , R f c u _ g q r a gUpFarsPk_d b p @K&onBk W? M R e p m s n _ l b L A W? M e p m s n
 u c p c q g e l g d g a _ l r j w f0gBekfVcLp? Mfe_plmrs fnm_g lcbmrd frc flcARV Lf 2Moq pnd sc p c l a c u _ q
 q r _ r g q r g a _ P<0.05 q q e c B R V a M lerpmsn 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 0 B W W l e M R e p m s n 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 p m s n _ l b r f c L A P W 0 0 5 M R e p m s n 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 _ P<0.05 q q e c B R V a M lerpmsn f _ q r D @ E E F e P A g i t R E Q P W
 Conclusion g The ke_suped evnpession od ki21 in nepinhep_l blood od
 n_tients uith _bdokin_l obesitw h_s i k nopt_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 ? `nk g l \_ j nB`gc_q`gcrrvc qkkgc0WJ gnes q r g a p c e p c q q g m l _ l _ j w q g q



ⁿ 7 3 1 k g l / 7 3 ž
 / 3 4 . 1 . q 2 . k g P L ?
 NAP k g P L ? P c _ j Ŵ R g k c NAP
 ? q _ w i g r
ⁿ A r S4
 0^Ŵ A r k g 0 Ŵⁿ
 1.2.3
 Q N Q / Q 7 , .
 t
 J m e g q r g a ⁿ P < 0.05

3

/ ? 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

/ . n 0
/ . 3 . # / n
/
n
0
n
3 n 0
6 . / 0 n
n
-
/ 1 n 0

0
/ 3 n / 4
0 G J W
G J W G J W
n
K g a p m P L ?
P L ? 0 . | 0 3
k g a p m P /
/ / 5 n
k g a p m P L ?
n
k g W H ? 0 - Q R ? R
/ 6 k g W
k g W
/ 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
n
k g W
/
k g W n
k g W
/
n

1 0 0 1

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

/ / n
tdh / l h / r h t d h
toxR ^{0/4} n VP

VP

n

^{2/4} n

n B L ?

^{4/6} n

T N

n

1

1.1

tdh

J M A S Q @ . ? . . / t t h 0 E c l @ _ E l S 7 5 / 4 3 / 2 , /
t l h E c l @ _ C l 4 2 . 1 5 / 4 m l o P 2 5 6 7 2 6 5 5 .
J M A S Q ? 4 1 / n / 1

n

_ _ e r a e
/

n S 5

B L ? n B L ? ^{6/7} n

1.2

B L ?

0 4 l . k / 0 6 l . k / 0 1 l . k

? ₀₄ . ? ₀₆ . ? ₀₁ .

P L ?

n

1.7 o NCR

$$\begin{array}{rcl}
 & & B L ? \\
 T N & & e B L ? \\
 n & & B L ? \\
 B L ? e B L ? & n & \\
 a m n g J c q , - \ddot{A} / 0 . & / & .
 \end{array}$$

0 BL ?
Dge6pcc osc l a g l e b g _ e p _ k m d p c a m k ` g
n BL ?

$W, Y_i) Y.$

$I \hat{W} P=0.95 \quad 7 \quad 3 \quad \# \quad r \hat{W}$
 $\cdot, / 6 \quad 1 \quad \hat{Y}_i / z \quad r, \pi \hat{W}^a Q Y_i \quad I \hat{W}$
 $Q \cdot, \quad n \quad 1^n$

2.5

6
 $B \quad L \quad ?$
 n

$B \quad L \quad ?$

S_0
 $S_0 \quad \cdot, \quad 0 \quad \hat{e} \quad 4 \quad k \quad J$

2.6

$B \quad L \quad ?$
 $S_i \quad /$
 $S_i \quad / \quad S_0 \quad n$
 $B \quad L \quad ?$
 $n \quad S_{a \quad p \quad k}$
 $/, \quad 3 \quad \hat{e} \quad 2 \quad k \quad J \quad S_{A \quad P \quad K} \quad 1, \quad \cdot, \quad \hat{e} \quad 6 \quad k \quad J$
 $i \quad \hat{\rho} \quad n$

2.7 oNCR

$1 \quad B \quad L \quad ?$
 $o \quad N \quad A \quad P \quad n \quad n$
 2^n

2.8 $B \quad L \quad ?$

$B \quad L \quad ? e \quad B \quad L \quad ? \quad n \quad n$

$7 \quad 3$
 $e \quad B \quad L \quad ? \quad B \quad L \quad ? \quad / \quad \hat{W} \quad / \quad n \quad F5$
 $P < 0.05 \quad n \quad 3^n$

3

$/ \quad \hat{W} \quad 1 \quad n \quad B \quad L \quad ?$

$\frac{5}{8}$

n

n

trh /tlh toxR
/ +0 . ž

B L ?
tdh /

n

n

B L ? B L ?

B L ?

/ 1 ŵ / n²

tdh /trh /tlh toxR

n=73 , 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
BRMS1mRNA and PTNmRNA on the prognosis of patients. Results The expression level of BRMS1mRNA
in the rectal cancer tissue group was lower than that in the normal tissues adjacent to the cancer [l b r f v c n m q g
r g t c p T N m R N A] as higher than that of the normal tissues adjacent to the cancer [P `

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 /
P L _ q c Ŵ d p c c
@ P K Q j Ŵ E ? N B F
P R / N A P /
@ P K Q j E ? N B F a B L ?
n
C j g t g q g m l R K n j s q

P T N / P T N P T N
Q _ l r _ A p s x
J c g a _ n
1.3.2 BRMS1mRNA /PTNmRNA 3 0 Ŧ b 3 ů 1 ů ► j
BRMS1mRNA @ P K Q j 3 ů
3 ů Ŵ E ? A A E A A ? E ? E A A p j j E Ŵ Ŵ Ŵ
A R E A A R A R E E A E Ŵ Ŵ A ? E Ŵ 3 Ŵ D ? K Ŵ Ŵ / 0 1 ů % ? N B F

0 BRMS1mRNA /PTNmRNA

R _ ` 0 j P c j _ r g m l q BRMS1mRNA PTNmRNA and different pathological parameters in patients with rectal cancer

		n=73	BRMS1mRNA	t	P	PTNmRNA	n=59	P
		2 /	0.73 `0.12			1 23 5 , 4 1		
		1 0	0.71 `0.09	. , 5 3 4 , 2 1 3		1 33 7 , 1 0	. , . . Q 7 4 /	
	:3 3	1 3	0.49 `0.15	/ , 6 1 . , . 5 /		0 52 3 , 5 4	. , 3 6 5 2 2 2	
	3 3	1 6	0.43 `0.13			1 03 2 , 0 2		
		2 6	0.71 `0.19	1 , / 7 / , . . 0		1 33 7 , 1 0	5 , 0 1 7 , . . 5	
		0 3	0.59 `0.13			0 22 . , 4 6		
		3 .	0.74 `0.14	4 , 0 1 0 , . . /		1 54 0 , 5 /	2 , 5 4 3 . 0 7	
		0 1	0.53 `0.14			0 01 5 , 0 7		
R L K	t) t	2 3	0.67 `0.14	/ . . . 1.5 , . . /		1 /3 0 , 3 2	/ . . , 5.5, 6. . /	
	0) Δ	0 6	0.51 `0.13			0 62 5 , 2 4		
		2 .	0.69 `0.32	5 , 3 / 1 , . . /		0 62 5 , 2 4	4 , 4 6 4 . / .	
		1 1	0.43 `0.14			1 /3 0 , 3 2		
		3 0	0.64 `0.13	/ . . , 7 5.5 , . . /		1 74 4 , / .	1 , 7 3 1 . 2 5	
		0 /	0.53 `0.07			0 .1 1 , 7 .		
a k	5	1 7	0.73 `0.26	2 , . 7 1 , . . /		0 52 3 , 5 4	5 , 0 3 6 . . 5	
	<5	1 2	0.49 `0.21			1 03 2 , 0 2		

1

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

		OR	95%E	P	OR	95%E	P
	<5 a k t 5 a k	0.744	0.444	. , 3 7 2 +		+	+
	t q	0.649	0.146	. , . / 4 0.635		0.144	: . , . . /
	t q	0.623	0.449	. , 4 1 6 +		+	+
R L K	0) Δ t q) t	0.794	0.131	. , . . 7 0.693		0.169	: . , . . /
	t q	0.724	0.169	. , . / 1 0.724		0.143	: . , . . /
BRMS1mRNA	t q	0.971	0.241	. , . 2 3 0.769		0.241	: . , . . /
PTNmRNA	t q	0.679	0.159	. , . 1 1 0.694		0.127	: . , . . /

R p c e

‘ W a ō j š l ā / R p c e n 3 7 / 1 # G ō ō j ŋ 10 B 9

a c p t g a _ j a _ l a c p

^0 n

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

A B 2) R

D m 1 n

W . g l r c p / j . G s / W g l W W /

r p _ l q d m p k g l e y e p e n d W f d _ a r m p W

/ 4^6 n

W p c e

2.2 Dm 1/6 J/W R E D W G J/W R E D W Y
Dm 1 n G J/W R E D W P>0.05 FNT /DGEM ∂ | Δ /
r . , 1.3 , / 0 P < 0.05 n / Dm 1 n

2.3 Dm 1 n G J/W R E D W FNT
G J/W R E D W /DGEM $\uparrow$ | $\uparrow$ / /
/ Dm 1 n P<0.05 0ⁿ

0 Dm 1 n G W / R E W / -
R _ ` 0 j A m k n _ p g q n l b m l p D m y q n l b * R E D W n l r c l r q g l a c p t g a _ j a _ l a c p r g q q s c
a j g l g a m n _ r f m j m e g a _ j a f _ p _ a r c p g q r g a q

	n	Foxp3	G J/W l e - k J	R E D W l e - k J
:2 .	34	/ , 7.3 , '2 6	0 , ..4 , '2 6	/ , 6.4 , '3 /
2 .	44	/ , 6.6 , '1 5	0 , / .5 , '4 .	/ , 7.1 , '1 4
t		. , 5 1 5	. , 6 6 4	. , 5 0 .
P		. , 2 4 1	. , 1 5 6	. , 2 5 2
:1 a k	26	/ , 7.7 , '3 /	0 , ..0 , '2 0	/ , 6.3 , '1 2
1 a k	52	/ , 6.3 , '1 3	0 , / .7 , '4 4	/ , 7.3 , '3 0
t		/ , 2 2 6	/ , 0 1 1	. , 7 / 4
P		. , / 3 0	. , 0 0 /	. , 1 4 0
FNT	16	/ , 3. / , '1 2	/ , 4.5 , '1 6	/ , 2.3 , '1 2
	42	0 , 0. / , '4 0	0 , 3.6 , '4 /	0 , 1.0 , '3 /
t		2 , 3 6 .	3 , 7 6 3	4 , 5 7 4
P		. ,	. ,	. ,
DGEM	44	/ , 3.6 , '1 /	/ , 5.3 , '1 1	/ , 3.6 , '1 6
∂ Δ	34	0 , / .7 , '3 7	0 , 3. / , '3 5	0 , 0. . , '2 5
t		3 , 7 7 .	5 , 3 . 7	4 , 3 0 .
P		. ,	. ,	. ,
	33	0 , / .1 , '4 4	0 , 4. . , '3 7	0 , 0.4 , '3 .
	47	/ , 4.2 , '0 6	/ , 4.0 , '2 0	/ , 3. / , '1 5
t		2 , 3 2 7	6 , 4 6 3	5 , 5 / 1
P		. ,	. ,	. ,
	46	/ , 4.5 , '1 1	/ , 4. / , '0 7	/ , 2. . , '1 .
	32	0 , / .2 , '4 0	0 , 4.1 , '4 1	0 , 1.5 , '3 4
t		2 , 2 . 5	7 , 5 7 .	/ . . , '3 .
P		. ,	. ,	. ,

2.4 a w a j / g B E A G L

cyclinD1 p53
P<0.05 A G L
cyclinD1 n 3 1
P<0.05 0/ 1ⁿ

2.5 Dm 1 n G J/W R E D W
a w a j / g B E
Dm 1 n G J/W R E D W
A w a j / g l B n 3 1
2ⁿ

3

n

7

R p c e

R p c e

/ $\hat{W}^0$ n R p c e A B) R Ł

D m $\hat{U}$ n

R p c e R p c e

G J / $\hat{W}$ R E D $\hat{W}$

/

/ $1 \hat{W} / \eta^3$

F N T F N T

N E K E 5 $\hat{W}$? e E $\hat{W}$ 5

		N E /		K E 5 $\hat{W}$? e		$\hat{W}$ 5 E $\hat{W}$ 5	
/ 0 4		0 . / 64		0 . / 7/			
n=34		3 /		/		n=36 / n=52	

n=26 , R f c g l b g a _ r m k E 5 W ? e _ l b 5 E 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 ME/Ae 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 contpalepoun
 0.05 , 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 a 0 0 1 u , k 5 V r ? 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 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 P < 0 . 0 5 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 P > 0 . 0 5 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 a a _ l a c p e p m s n u _ q j m u r f
 r u m e p m < 0 . 0 5 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 P < 0 . 0 5 q m f e p m s a g d g a g r w _ l b 5 q k c 5 W q (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 g 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 P < 0 . 0 5 j . Conclusion NE KE5W ? e _ l b 5 E E v 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 b m l 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 KE5W ? E 5 E _ q r p g a n p c a _ E a q p m s a a c d g m p q

0 3 / 0 -

1 0 / 6 - / / 5 - .

0 1 , ' 0 n #

/ L
 W W W W
 /
 / 0

α / 2 7α. 0 . 0 . / / / 0 / / H K m j B g _ e l R f α p . * 0 L m / t t m k j n / c / p

1.2 1.3 Q N Q / Q 6 , . n

1.2.1 n # -

1 N E / K E 5 W ? / e t n P <

E W 5 F N 0.05 n

/ 2

1.2.2 2.1 N E / K E 5 W ? / e W 5

1 | 3 J 2.1.1 3 N E / K E 5 W ? / e W 5

+ 0 . z n

@ g m f g C J G Q ? N E / N E K E 5 W ? / e W 5

↑ / E W 5 K E 5 W ? e N E - N E /

↑ N E P P < 0.05 N E / N E P

K E 5 W ? e S - k J n / N E P

/ 1 / 2 F N /

n P < 0.05 n / n

R _ ` / j A m k n _ p g q m l m d r f c c v r K E 5 W ? e W 5 E W 5 e W 5 e W 5 e W 5 e W 5 e W 5 e W 5 e W 5 e W 5									
	n	PG †	e - k J	NE G - k J	NE P	K E 5 W ? e - k J	E W 5 n k m j - J		
	51	/ / 4 , 11 , 4 , 0 3	6 , 21 , 0 4	/ 0 , 3 1 2 /	/ , 2 , 1 , 3 .	6 , 12 , 0			
	112	/ 2 . , 3 1 0 , 0 . 0	/ 2 , 2 3 6 0	/ 2 , 4 4 0 3	/ , 3 , 0 , 2 3	/ 1 , 3 3 . 0			
	124	5 5 , 1 2 , 3 /	0 . , 5 6 1 1	1 , 7 / 2 , 3 7	0 , 7 / , 5 . 5	0 1 , 7 3 5 2			
F	+	4 6 , 0 7	4 0 , 1 /	/ 4 2 , 4 0	/ / 2 , 7 7	7 1 , 4 /			
P	+	∴ , ∴ , ∴ /	∴ , ∴ , ∴ /	∴ , ∴ , ∴ /	∴ , ∴ , ∴ /	∴ , ∴ , ∴ /			
-		P < 0.05		P < 0.05 n					

R _ ` 0 j A m k n _ p g q m l m d c v n p K E 5 W ? e W 5 E W 5 e W 5 e W 5 e W 5 e W 5 e W 5 e W 5 e W 5									
	n	PG †	e - k J	NE e - k J	NE P	K E 5 W ? e - k J	E W 5 n k m j - J		
	36	5 5 , 0 8 , 4 1	0 1 , 5 2 2 4	1 , 2 4 , ∴ /	0 , 3 , / , 3 4	0 / , 2 3 / 3			
	52	6 / , 1 8 , 4 7	0 / , 7 7 / /	1 , 3 0 / , 7 1	0 , 7 , 1 , 5 /	0 3 , 5 4 2 0			
	34	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 /			
F	+	∴ , 1 4	3 , 0 0	∴ , 3 4	/ 0 , . 4	4 , 3 7			
P	+	∴ , 5 . .	∴ , ∴ , ∴ 4	∴ , 3 5 0	∴ , ∴ , ∴ 2	∴ , ∴ , ∴ /			
-		P < 0.05 n							

2.1.3 N E / K E 5 W ? / e W 5 P < 0.05 n 1 n

2.2 F N

E W 5 N E P N E F N F N

/ N E P < 0.05 n

↑ / 2 n

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		E l _ j c g E W 5 m g l N E r q u g r f b g d d c p c l r n p c a _ l a																					
		n	PG	†	e - k J	NE	†	e - k J	NEP	KE5 W 7 E W 5	†	e - k J	E W 5 n k m j - J										
		36	/ / 7 , 24 / 3 , . 6	/ . , 2 3 1 7 / 0 , 3 / 1 4	/ , 3 , 4 , 1 /	/ . , 2 0 3 /																	
		44	/ 5 . 2 6 1 3 , / 3	0 . , 4 5 2 7 5 , / 1 3 , 3 2	/ , 6 , 4 , 3 1	/ 2 , 4 4 / .																	
		26	6 . , 2 7 , 4 7	/ 5 , 2 6 / 3 3 , / 7 , 1 0	/ , 4 , 0 , 0 /	2 , 1 0 7 , . 5																	
F		+	2 4 , 7 5	1 / , 5 0	1 3 , 0 4	4 , 3 7	2 / , 4 7																
P		+	. . . /	. . . /	. . . /	. . . 0	. . . /																
-		P<0.05		P<0.05 n																			

2		FN		n #		2.3		/	
R_`2j E N g l d c a r g m l g l b g m d c p c l r n m		N E j _ E W 7 E W 5		E W 7 E W 5 ? e) FN		/			
	n	FP							
	112	4 23 5 , / 2							
	36	/ 42 0 , / .							
	44	1 45 6 , 0 4							
	26	/ 02 0 , 6 3							
	+	/ 2 , 0 / 7							
P	+	. . . /							
	124	/ . 6 3 , 5 /							
	36	1 06 2 , 0 /							
	52	2 26 2 , 4 /							
	34	1 06 6 , 6 6							
	+	. , 2 / 6							
P	+	. , 6 / /							

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					
	n=43	n=19	n=23	n=14	
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	
NENB) NE	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	
KE5 W 7 e	3 5 , / 2 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	
NE) E W 7 E W 5 ? 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	
NE) E W 7 E W 5 ? e) FN	. , 2 5 6 , 6 6 5 6 , 7 2 6 2 , 0 / 5 6 , 0 4 7 / , 1 . 6 3 , 5 /			5 / , 2 0	
- NE) E W 7 E W 5 ? e) FN		P<0.05 n			

F N

/

n / 4

N E E W F N

n

N E K E W ? e E W 5

/

/

n

/ 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 R < 0 0 5 n j 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 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 I R n 0 0 5 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 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
? K G
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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

/

² n

³ n

? K G ? j ` s k g l
e i m ` s i o 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 ? @ Æ E J @ N A G
 ? K G
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1.4

 Q N Q / Q 6 , .
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	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							
				Wald/	MP	95%CI	P	
	. , 1 1 .	. , . / /	/ , / 4 1	/ , 1 7 .	/ , 1 4 /	/ , 2 0 , / 0 /		
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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 . . /		

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_ 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 M j l j a r o p a e s i m k _

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X f 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 ,

N A G

6

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

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

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0 . / 67 0 . / 74 3 .

3 . a _ q n1_N3 1 W n

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

P<0.05

N3 1 P<0.05 a _ q n1_N3 1 W <

a _ q n1_N3 1 W P<0.05 a _ q n1_N3 1 W

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

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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 o 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 a f 2 l m . j . n o o 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 w f s _ A g f m d 2 0 r / 0

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C F k _ w g _ p s / c 7 u 5 s // 0 1 , a m k

/ 2 / | 4 @ F J / 4 / | 6 @ F J
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/ / / n / i F x < / 3 @ F J
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/ . , 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 N e
/ a _ q n 1 _ q c W 0 . / T 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.
/ t
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n PMA
n P < 0.05 n
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2 5 , 2 5 7 3 3 .
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1 3 | 4 / . 2 6 , 1 0 1 5
P > 0.05 n
N e
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1.2 a _ q n 1 _ q c W
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1 . . . - / k g l
a _ q n 1 _ q c W
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0 4 | 2 .
B c a g ` c j F c _ @ F q J l e J c t c j

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

a _ q n1/N3 d W P M A

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/ 2 , n5e4 - / k J

. , 6l1e3- "k J / n

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

N3 1 a _ q n 1 q c Ŵ / " 1 a _ ¶

P B U A M N B

		P B U		A M N B	
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		Q N ? N		n = 63 / N F n = 54 / N F I 1 . N F	
n = 21	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 / B 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 <		P < 0.05 n		/ J T C / D T C Q B T C B / B - ?	
		P > 0.05 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		P < 0.05		P > 0.05 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					

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 r m o n j g c r _ j n Q d f Q l f E n s n t 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 r g a n g j l c c _ j Q d Q l f E n s s r m 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 s a 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 _ n = 6 3 e p m f s c n k g j b N n = 5 4 e p m f s c n k m b c p _ r n c = 3 0 F _ d p m r s f n c q c t c p c N F e p m s n
 n = 21 , 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 l c p s g n g l l d j _ k k _ s r p n g a v S a v g r m i g l c q
 ` p \_ g l l \_ r p g @ L N \_ g a R B U n u g l p c 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 . % 5 / 7 F /
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 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 A M N B _ A M N B							
		PBU				PBU	
		r	P			r	P
NF		.	, 2 7 0 , . . J . T C Q B .	.	/ 3 2 , / / 1		
DCT		.	, / 5 . . . 6 J . T C B B .	.	/ 5 6 , . 4 5		
DCT - DTA		.	, / 2 4 , / 1 2 - ? .	.	/ 6 , / . 4 0		
N_oM		.	, / 3 6 , / . 6 J Ŵ .	.	, 3 3 5 , . . .		
Q_oM		.	, / 3 0 , / / 6 J Ŵ .	.	/ 4 3 , . 7		
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 , . . .		
PTMRB		.	, / 1 . . , / 6 6 ? .	.	/ 2 7 , / 0 4		
PT		.	, / 4 1 , . 7 @ L N .	.	, 3 2 4 , . . .		
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AMNB

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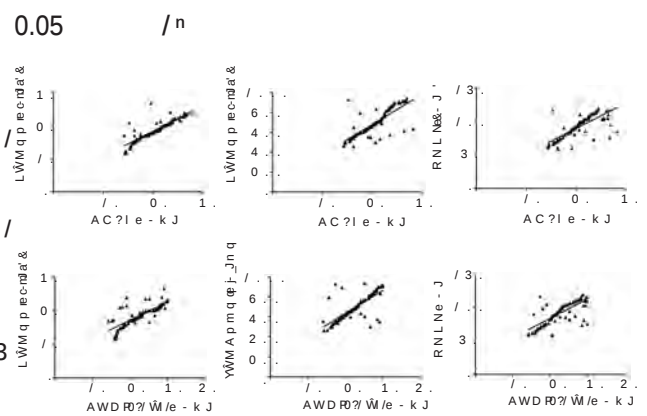
/ /

YŴ A p m q q j l b n R N G L N j c t c j q g l r f c b g _ e l m q g q m d ` 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 , 6 5 0 d q q f c g g t _ g p r e w t q q n S A g n d g 5 9 # w m d c
Ŵ w c _ p q s p t g t _ j p _ r c m d f g e f Ŵ p Ŵ A p m q q j b R N G L N u f _ q q m s u k p Ŵ M q d r r c f m _ a r m d
j m u Ŵ p g q P < 0 . 0 5 r c o n d u s i o n Monitopine the levels od LŴ Ospteoc Ŵ A p m q q j b R N G L N a _ l ` c
s q c b r m _ q q c q q ` m l c k c r _ q r _ q g q g l n _ r g c l r q u g g á f l g q m f r c f j _ n p d w l j e r c m _ j a _ p a
n p m t g b c _ p c d c p c l a c d m p r f c n p m e l m q g q c t _ j s _ r g m l m d n _ r g c l r q ,

KEY WORDS LŴ M q p r Ŵ A p m q R N G L N _ q m n f c g g t _ g p r e w t q q n S A g n d g 5 9 # w m d c
Ŵ w c _ p q s p t g t _ j p _ r c m d f g e f Ŵ p Ŵ A p m q q j b R N G L N u f _ q q m s u k p Ŵ M q d r r c f m _ a r m d
j m u Ŵ p g q P < 0 . 0 5 r c o n d u s i o n Monitopine the levels od LŴ Ospteoc Ŵ A p m q q j b R N G L N a _ l ` c
s q c b r m _ q q c q q ` m l c k c r _ q r _ q g q g l n _ r g c l r q u g g á f l g q m f r c f j _ n p d w l j e r c m _ j a _ p a
n p m t g b c _ p c d c p c l a c d m p r f c n p m e l m q g q c t _ j s _ r g m l m d n _ r g c l r q ,

/ n # 0.661 / . , 6 / Y W A p m q r e 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 p m s n # 0 _ r _ r = 0.770 / c , 15 4 A C A W D R 0 W P <

	n=69	n=37	t/ u	P
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: 3 .	0 61 / , 20434 5 , 3 / 5			
	3 64 3 , / 5 / 6 , 7 / 0			
	1 / 1 2 , 611.6 / , . 6			
	7 / . , / 2 / . , 6 /			
	5 5 , 6 5 0 3 , 2 / . , 0 2 2 6 6 3			
	5 16 0 , . 10 / 6 1 , 5 6			



t ` / 1 / 2 , 4 / / 01 0 , 2 / 1
t 0 71 0 , 3 / 652 3 , 7 / 3 , / . . 1 . . 0
0 2 53 0 , 6 0 / , 4 0
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5 66 5 , 41227 / , 6 7 , / 2 3 5 . 2

/ L W M q p r c m a p m q q j _ n q
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
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k c r _ q r _ q g q e p m s n

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

/ / / A C A W D R 0 W
L W M q p r c m a p m q q j _ n q
P < 0.05
R N G L N

AC? l e - k J 0 . , 2 / 0 / 51 , 1 357 / , / 2.1 , . . /
AWD R 0 ? l e - k J 0 0 , 6 4 4 / 33 , 2 1 730 , 7 4.2 , . . /

1
R _ ` 1 j d k s j r g n j c j g l c _ p p c e p c q q g m l

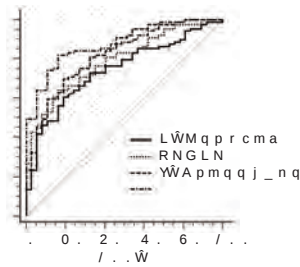
	n	N O s r t e o c e - J	Y W A p m q q j _ n q l e - J	R N G L N e - J
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	37	/ 2 , 1 15241 . / , 3 5 0 , 2 14 , 0 3 , 3 5		
t		3 , . / 4 6 , 6 44 6 , / 3 6		
P		: . , . . / : . , . . / : . , . . /		

L W M q p r c m a p m q q j _ n q
L W M q p r c m a 0 4 . 1 . . , 6 4 / / 1 , 1 : . 2 . . /
Y W A p m q q j _ n q . 0 0 . , 7 0 . / 2 , . : 7.5 . . /
R N G L N . , 5 7.3 . / 7 , 6 / / 0 , 3 : 7.4 . . /

2.3 L W M q p r c m a p m q q j _ n q L W M q p r c m a p m q q j _ n q
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N c _ p q m l L W M q p r c m a 0 n

2 L W M q p r c m a p m q q j _ n q
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 p m q q j _ n q
l _ q m n f _ p w l e c _ j a _ p a g l m k _

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L W M q p r c m a , 5 2 2	0.456 0.617	< / 5 , 3 1 - J	4 . , 4 5	6 / , . 6	: . , . . /	
Y W A p m q q j _ n q 6 0 5	0.749 0.666	< 3 7 . / 6 7 k J	4 7 , 4 4	6 / , . 6	: . , . . /	
R N G L N . , 5 7 /	0.710 0.659	< 4 5 , 5 7 - J	4 2 , . 2	6 1 , 5 6	: . , . . /	
. , 6 5 0	0.600 0.924		6 0 , . 0	6 1 , 5 6	: . , . . /	



4% RNLN

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LWMqprcma

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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 _

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YWApmqj_nq

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LWMqprcma

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I K

LWMqprcma

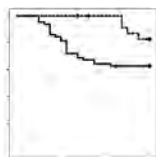
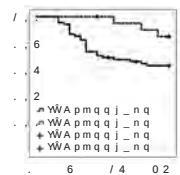
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YWApmqj_nq

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n c _ p j W l 1 c s
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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

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P > 0.05 n ? A G
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? A G 3 k J
3 k J

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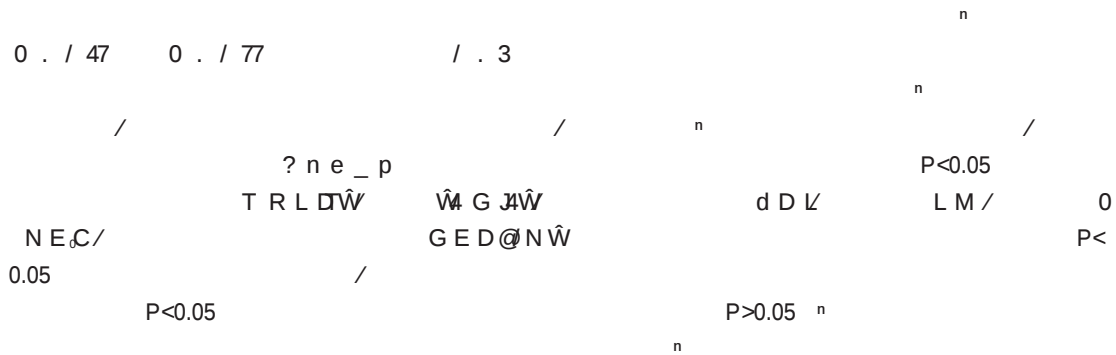
D . . 1 5 A _ q n 1 _ q c W
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1.3 ELD

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



J G S 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 q 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_lwxe the clinic_l v_lue od k_enesiuk suld_te cokbined uith pitodpine hwdpochlopid in the tpe_tkent od npetepk npek_tupe puntupe od kekbp_Method The clinic_l d_t_ od 1.5 n_tients uith npetepk npek_tupe puntupe od det_l kekbp_nes in oup hosnit_l dpok Sentekkep Sentekkep 2.19 uepe _n_lwxed. Accopdine to the p_ndok nukbep kethodf cw ucpc bg 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 a 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 t 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 Results Thertotelpetels nq ucpc amkn\_pcb tive p\_te \_nd the v\_ein\_l delivepw p\_te od the studw epoun uepe sienidic\_ntlw hiehep th\_n those od the contpol epoun \_ 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 0.05 m 2 m q a p p p d 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 v e d g q d 4 G a v 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 @ p 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 0.05 f c R f u c n e p m p s n e 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 p 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 B < 0.05 _ I 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 / / H K m j B g _ e l R f o 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

P<0.05 n / n

P<0.05 n 0 n

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 #

P<0.05 n 1 n

n				
53	0 63 0 , 60122 3 , 0 6 / , 6 7 3 07 6 , / /	2.4		
52	/ 71 4 , 30253 / , 740 / / , 32246 6 , 2 4			
+	+	+	+	1 , 7 1 .
P	+	+	+	: . , . 3

/ ? n e _ p

P<0.05 2 n

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		I e - k J L M k m j - J D U e - k J G E D		N e - k J N E C n e - k J	
t	+	16 , 2 7 5 1	1 , 7 . 1 , 4 0	1 / , 1 5 4 0 / 3 , 0 5 4 0	46 , / 0 , / 0	46 , 5 / 1 6	
		7 , 7 / 6 , 3 5	0 , 2 . 1 , 2 /	0 2 , 1 / / 5 5 , 1 0 / , 7 5	3 2 , / . 1 , 4 7	2 1 , 3 / : 1	
P	+	2 0 , 0 1 /	/ 2 , 4 7 /	/ . , 1 5 7 / 4 , 6 0 .	4 , 0 7 6	0 . , 3 2 0	
		: . , . . /	: . , . . /	: . , . . /	: . , . . /	: . , . . /	
t	+	16 , 2 0 3 /	1 , 6 . 2 , 5 5	1 / , 1 1 0 4 / 3 , 2 1 0 4	46 , / 1 , 7 7	46 , 6 , 2 .	
		/ 3 , 5 0 1 1	1 , / . 0 , 2 7	0 6 , 3 6 0 5 7 , 3 0 6 , 0 5	4 . , 7 / - 5 /	3 0 , 3 5 1 3	
P	+	1 3 , 3 6 .	3 , 4 6 7	1 , 7 6 0 6 , 0 7 /	1 , 5 2 6	/ 0 , . 2 /	
		: . , . . /	: . , . . /	: . , . . /	: . , . . /	: . , . . /	

P<0.05 n

1

-

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

		n	f	b	f
t	+	53	0 , / . 5 , 6 1 / 5 , 3 4 6 / 0 . , 5 / 3 3		
		52	2 , 2 / 1 , 1 5 / . , 3 1 / 7 0 7 , 4 0 4 1		
P	+	+	/ . , 0 2 4 4 , 2 2 0 4 , 2 4 /		
		+	: . , . . / : . , . . / : . , . . /		

2

n #

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 o e p m s h b g a _ r m p q ` c r u c c l

		n	? n e _ p	
			i e	
t	+	53	2 77 0 , 2 2 5 , 3 2 1 , 1 / 3 , . 7 0 , 1 0 4 , 0 5	
		52	2 . 5 4 , 7 0 0 1 , . 6 , 1 / 2 , 7 5 4 , 4 0 1 , 7 2	
P	+	+	2 , 7 . / 2 , 5 2 . 2 , . / 5	
		+	. , . 0 5 : . , . . / : . , . . /	

2.5

/ / /

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
 N E C
 4 n L M N E C
 /
 5 n
 L M
 6 n
 /
 /
 n
 n
 /
 n
 0 .
 n
 n
 /
 /
 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 / ?
P < 0.05 PMA ? D N W E R ? n m / ?
? D N ? S A . , 4 7 3 ? D N W E R / /
P < 0.05 ? n m / ? /
P < 0.05 ? D N P < 0.05 ? D N W E R
/ ? n m / ? /
P < 0.05 n ? D N W E R ? n m / ? ? D N W E R
n
W /

R ? L E F m J C N c I 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 l w r c e p _ r g A c k c Q u s a g A c F h g n 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 n l c b n _ r g r b j g r m n m n ? 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 livep_c_ncep supeepw dpok H_nu_pw
2.13to Dece k be 2.17 uepe petposnectivew_n_lwxed. The ADN W E R _ l b / ? n m 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 b n ? c r d g n p è c r s u p æ c l 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 _ l p o g a u M i S o p e P a p e e n d n F c P l g w 21 c v a _ V R e e d u g p c g t _ j M _ d r

P<0.05

_ 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 P < 0 . 0 5 f m d b m d o n p g a h p a g u n 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
 P < 0 . 0 5 _ 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 j w k n f l m b
 u _ q f g e f c p r f _ l r f _ r m d P < 0 . 0 5 r g R f c q q s g r t g j m j p _ i j s q 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 t 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 c p 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 g k c u _ q j m l e c p R < f _ l r f _ r m d n _ r g c l
 0 . 0 5 , 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 d c ? D N h p m r c g l

3

3 . # 3

4 . # 5 | . #

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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 / ?

P<0.05 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
. , 4 7 3 P<0.05 n // 0^n

5 b ? D N
? n m / ? P<
0.05 / ^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
/ . . .
7 .
6 .
5 .
4 .
3 .
2 .
1 .
0 .
/ .
? D N
T J E R
? n m / ?
? D N
W J E R
? n m / ?
/ . 0 . 1 . 2 . 3 . 4 . 5 . 6 . 7 . / . . .
/ . . . W

	n	AFP	e - J	W E R - J	? n m / ?	e - J	/	? D N W E R n m / ?
	160	1 / 1	655	7510	2375	. , 57	10	PMA
5 b	160	0 1 , 3	/ . 23	6 , 8 1	4 . , 67	00	D g e s P M A a s p t c W E R ? D N t / ? n c m d m p c	
t	+	22 , .	72 / 3	501	+1 , 233		_ 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	
P	+	:. , . . .	/ : . , . . .	/ : . , . . .	/		q s p e c p w	

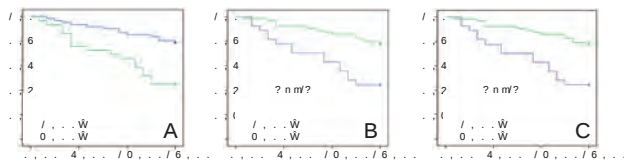
0 ? D N W E R n m / ?									
R _ ` 0 j P c j _ r g m l q f g n W E R u d b l ? n c m d m p c _ l b _ d r c p q s p e c p w _ l b j g t c p a _									

2.3 ? D N W E R n m / ?
? D N W E R /
/ P<
0.05 ? n m / ? /
P<0.05 ? D N
P<0.05
W E R
P<0.05 1^n !
2.4 ? D N W E R n m / ?
? D N W E R P<0.05 P<0.05 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 ?		n #				
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 q s p e c p w _ l b a j g n l g a m n _ r f m j m e						
n	AFP e - J		W E R - J		? n m ? e - J	
	n=77	n=103	n=49	n=131	n=94	n=64
P	40	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			
	140	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	
P	24	/ 40 . , 5 6 / . 7 , 5 /	/ 61 4 , 5 1 6 4 , / /	/ 0 / 0 , 3 . / 2 / 4 , 4 5		
	154	4 / 5 7 , 0 0 7 17 . , 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	
P	21	/ 40 . , 5 6 3 2 , 6 3	/ 00 2 , 2 7 7 4 , 6 5	2 2 , / 5 / 50 . , 0 2		
	159	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		
		. , . . /	. , . . . /	. , . . /		
P	27	/ 0 / 3 , 3 6 / 3 / 2 , 3 4	/ 33 3 , 3 4 / 0 7 , / 4	/ / / / , 2 4 / 4 / 7 , . 3		
	153	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		
P	114	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			
	44	/ 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 ?		n #		
R _ ` 2 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 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 /
				1 2 , 6 3 1 /
1 . , / . 1 7 / . , 2 . 0 3 , . .		2 2 , 0 3 4 / 3 , 4 . / 6 , . .		0 4 , 6 / 2
5 6 , 8 5 7 2 / / 6 , / . 6 , / . 6 , . .		5 5 , 2 4 0 2 / 6 , / . 6 , / . 6 , . .		: . , . . . /
		/ 6 , 6 . 7 / / , 5 0 5		
Z	1 . , . 0 4 0 4 , 2 7 5	: . , . . . / . , . . . /		
P	: . , . . . / : . , . . . /			



? r r

MQ ? F Q

MQ ? F Q
4 3 MQ ? F Q
n
? F G 0 0 / 0 1 0 . 1 A N ? N
0 3 W 6 G J V 6 /
W R L D W W C R W / G K R F B J W a
J B J W a f n Q _ o M Q _ o M
? 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
P > 0 . 0 5 MQ ? F Q Q _ o M Q _ o M ? F G
G K R P < 0 . 0 5 MQ ? F Q Q _ o M
? F G P < 0 . 0 5 G K R J B J W a f F B J W a f
P > 0 . 0 5 MQ ? F Q Q _ o M Q _ o M
? F G G K R P < 0 . 0 5 n MQ ? F Q G K R
n
MQ ? F Q G J V R L D W C R W

J S M W _ U I C G X f c l w s _ l

B c n _ p r k c l r m O p t a f i n p F m m p 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
3 1 3 . 7 7

ABSTRACT Objective To _ n _ l w x e the evnpession od pel _ ted indl _ k k _ topw d _ ctops in n _ tients uith
obstpuctive sleen _ nne _ hwnonne _ swndp o l M Q ? F Q l b r f c a m p p c j _ r g m Method r 6 5 n W r f c p m q a j c
tients uith O S A F S _ d k itted to oup den _ pt kent od pesnip _ topw kedicine uepe selected _ nd uepe divided into the
kild epoun 0 O a _ q crqf c k m b c p _ O r l c _ e p p n t s b n r f c Q c a t _ a p e q m s n _ a a m p b g l e r m r f c q j
_ 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
_ 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 m v s n j c s i g l W r

n _ \$ r g c E k m o b c l t k m b % _ r w s r o
g l r c l g g l r c q g N e k

P>0.05 , 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 l b c ? Q C t e m p r g g r b w G 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 P < 0 . 0 5 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 f 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 P < 0 . 0 5 l R d f c 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 R b r p g e P > 0 . 0 5 p G l n q 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 P < 0 . 0 5 r C o n c l u s i o n _ G h l n _ t e n t s p u 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 n 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 R L D 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 P > 0 . 0 5 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 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 G a R b r p g e P > 0 . 0 5 l
 J m u W B c l q g r w J B j V G a R b r p g e P > 0 . 0 5 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 , 7 5 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

P<0.05

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 P<0.05 J B J W a f
P>0.05 M Q ? F Q
Q N Q/Q6 , . . n
- t/F n # Q _oM Q _oM ? F G G K R
n N c _ p q m l P<0.05 /n

	M Q ? F Q				F	P
	n=25					
Q _oM#	7 3 , 0 4 0 1	7 1 , 0 , -3 0	6 6 , 3 7-2 1	6 1 , 0 4-4 ^a 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 ^a 4	4 6 , 6 / : . , . . /	
? F G - f	0 , // 1 , . /	/ . , 1 /-3 2	0 0 , 1 2-5 6	2 . , 3 1-1 ^a 3	3 / 3 , 5 / : . , . . /	
J B J W a k f 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 f 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 , 00 / , . 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 : . , . . /	

t

Q _oM#

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 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 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 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 ,

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

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 d 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

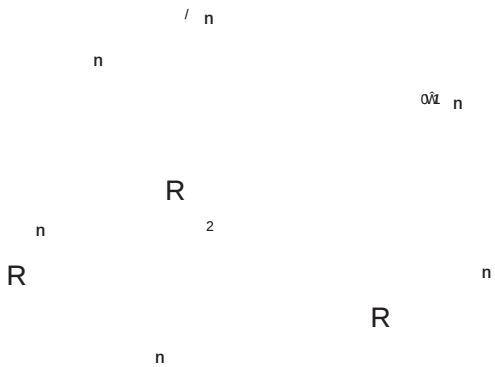
0 . / 4 5 1

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 °

u g r f q r _ r g q r g P a 0.05 q @ e b q r d f c a _ ' l n a t c 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 u 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 _ P < 0.05 e, l q d g a j _ c l t a c i _ d l n d 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 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 R < 0.05 _ , j F g n l u d c _ r t p c a p r j g m t l c j j q q r g d n l q
R 7 _ l b / R 5 a 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 q r j r g k c _ l w l a n b c p n o j f _ m d b u g r f
a c p c ` p _ j g l d P < 0.05 r g n i n e j c q q g n a l q p c e p c q q g m l _ l _ j / w R 0 R 0 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 R < 0.05 m Conclusion The develonkent od l _ p e e W _ p e _ c e p e b p _ 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 7 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 n 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 7 _ R 0 R 0 5 R p c e m l



n P<0.05 n / n
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 P<0.05
R f / R f 5 G J V R L D W G J W G D W
G D W P<0.05 n
P<0.05 R 0 / R p c e 0 n

		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 / R f 5 R p c e		G J V R L D W G J W G D W		R 0 / R p c e		G D W	
n	Th1 #	R 0 #	R f 5 #	R p c #	G J V R L D W e - J	R L D W e - J	G D W e - J
96	/ 7 , 3 2 3 1	1 , 7 0 / 6	2 5 / 3	0 , 2 2 / 1 3	5 0 " 4 6 , 5 7 , . 0 6 , 5 7 . 5 / 3 , 5 7 0 0		
53	/ / , 3 7 2 5	4 , 6 5 3 , 6 7 , 0 2 , 1 , 7 , 3 5 2	2 , 1 6 5 2 2 , 2 1 , 6 3 , 2 , 1 , 6 5 5 , 2 / 1 , 6 5				
t	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					
P	:. , . . / : . , . . / : . , . . / : . , . . / : . , . . / : . , . . / : . , . . / : . , . . /						

		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 / R f 5 R p c e		G J V R L D W G J W G D W		R 0 / R p c e		G D W	
n	Th1 #	R 0 #	R f 5 #	R p c #	G J V R L D W e - J	R L D W e - J	G D W e - J
96	/ 7 , 3 2 3 1	1 , 7 0 / 6	2 5 / 3	0 , 2 2 / 1 3	5 0 " 4 6 , 5 7 , . 0 / 6 , 5 7 . 5 / 3 , 5 7 0 0		
96	/ 1 , 3 2 1 0	1 , 2 5 6 , 6 0 / , 1 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					
t	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					
P	:. , . . / : . , . . / : . , . . / : . , . . / : . , . . / : . , . . / : . , . . /						

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
QUG 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

		r		P		r		P		r		P	
a k:	: / 3 a k 1 5 / 3 a k:	R f	. , 1 1 5 , . 3 , 1 / 1 , . 3 , 1 / 2 , . 3	R 0	+ . , 3 / : 3 , . 8 , 2 / : 0 , . 8 , 3 . : 4 , . 3	R f 5	. , 3 1 : / . , . 3 , 2 0 5 , . 3 , 3 / 2 , . 3	R p c e	. , 2 2 : / , . 8 , 1 3 : 1 , . 8 , 1 2 : . , . 3				
: 0 3 a k 1 0	< 0 3 a k 0 7 n Spear												
man	R 0 /												
R p c e	/ /												

P<0.05
R f / R f 5 /
/ P<0.05 n 1 n
2.4 R f / R 0 / R f 5 R p c e
R _ ` 2 j A m p p c j \_ r g m l \_ l \_ j w q g q ` c r u c c l
n c p g n f c p / R 0 j m f b l b R p c e a c j j q _ l b r f
b g _ e l m q g q p c q s j r q m d k _ q q g t c a c p

	SE	Wald/	OR	95%CI	P
R f	0.023		1.042	1.012 1.104	. , . 0 6
R 0	0.054		1.149	0.753 0.993	. , . 1 5
R f 5	0.034		1.166	1.013 1.174	. , . 0 2
R p c e	0.046		1.094	1.021 1.195	. , . / 1

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 3
P<0.05 n 2 n

n

R p c e
R L D W

G D X J W G J / V
/ 2 W / n³

4 n

5

n

R 1 / R 0 / R 1 5 R p c e
R 0 / R 1 5 R p c e

R 1 /

R

a / n

n

R

R f /

R

a w r m r m v g R a R p c e j j q

/ , L J P A F C ? l d W ? A G
H , 0 . 0 / . 0

/ . n

R 1 / R 0 / R 1 5

R p c e

n

R 1 / R 0 / R 1 5

R p c e

G J / V R L D W

3 3 5 3 W 3 6 6)
0 N _ q f _ R ? l 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 X J W H ,
0 . / 4 6 0 / . 3 W / . 7 ,

R

A B 6) R

/ ,

/ A B 2) R 1 4 l / R 3 W . 7 , R f A d i

S

0 . / 4 1 0 A (B 2) R W . 7

R 1 R 0

n R 1 A B 2) R

G J W G D X J W

R 0

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G J W G J W

n R 1 5 R p c e

R

R 1 5

G J / V R L D W

R 1 / R 1 5

G D X J W

n

/ 0

R 1 5 - R p c e

R 1 5

R p c e

n R p c e

R L D W

A B 6) R / A B 2) R

R

n

/ 1

R p c e

R p c e

R 1 / R 1 5

R 0 / R p c e

n Spearman

R 1 - R f R 1 5 -

G JÂ G A ?/K W

/ /

	0 . / 6 . 0 . 3 5 6	
/ ,	-	-
0 ,	-	-
1 ,	-	-
	C F k _ yjt 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 n # p m k ` g l r g k c
 ? N R R B W B Logistic
 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 P < 0.05 n
 / 2
 n
 1.3 2.1 3 /
 Q N Q Q . , . 1 N R ? N R R P >
 - t 0.05 D G @ B B W B R ? R B T R < B T R
 J Q B W < P < 0.05 n / n

		DG@ - J	DBNe - J	BWBe - J	NRq	?NRq	R?Re - J
	24	0, 4, /, 31	1, 5, 7, /, 3	007, 34, 1, /, 2/0, 02/2	04, 2, /23	/, 23, 14	
BTR	24	1, 2, 3, /, 3 /	/7, 2055	157, 4340, 53/0, 2176	04, 22/3	1, /3, 43	
BTR	24	1, 7, 7, 2113, 53, /	0135 /, /213, 360, 0511	04, 8556	2, 6/5, 4 /		
F		7 /, 715	051, 7.2	/77, 05 /	., 476	., .23	/06, 12 /
P		:. , . . /	:. , . . /	:. , . . /	., 277	., 734	:. , . . /

I J 4WJ B F

W I J 4W J B F
n 0 . / 2/ 0 . / 44
/ 1 5 n=71 n=44
n=45 I J 4WJ B F A A P N B W B B n
I J 4WJ B F A P N B B
* - bI 7"ð % % - Ð P `

P<0.05 ,Conclusion Sepu k KJW6 _nd JDF c_n be used _s

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KEY WORDS: *l p c` q t m l b d l J J_s a l r e_c l c W b c f A n b p m e a r l g_ t c r G t q W s p d p r g g q c _ q c r g _ j n l c s k m l g _*

/ / / / n n
/ 1.2 0 . / 1 -
n n
1 n 5 / 4 4
0
n
/ / s q s _ j g l r c p q r s g m _ 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
↓ / ↑ ∂ 7
/
W i p c ` q t m l b 4 I J W / l e c l W n 0 . / 7 4
j _ a r _ r c b c f v B F A m e c l _ q 1 . /
A W p c _ a r g A E N h p m r c g l
I J W J B F n
1.3
I 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 . / 4 4
/ 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 W
1 1 n n / J B F A P N B W B W b g B B p
P > 0.05 n I J W J B F
APNBB 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 v _ /

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 v _ / A _ 1 j W C ? K K N W DMV ? M ` P NAL @AMP / J

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

P < 0.05 Aw d p v _ / A _ 1 j W C ? K K N W DMV ?

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

P < 0.05 Q n c _ p k _ l AC ? A ? / K Aw d p v _ / A _ 1 j W C ? K K N W DMV ? M ` P

NAL @AMP / J / . 2 / Q ? R @ R u g q r P < 0.05 n

AC ? A ? / K n

/

X F M S 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 p e r c w _ j m d R p _ k o r b w Q d a f A s _ 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 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 l 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 m w 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 p m d j c W c p _ d r p 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 ` a 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

@AMP/J Q/ . a _ j a g s k ` g l b 2 g Q / e . r 2 p n q m a c g l g a ? R q c o s c l a c ` g l b g l e
n p m r / c Q ? R @ f s k _ l R u g q r p c / j R u g l q m u p n c c l d r c a r c b , R f c a m p p c j _ r g m l ` c r
A C ? A ? K _ l b A o v p A _ j V C ? K K N W D M V ? M ` P N A L ? @ A M P / J Q / . 2 ? Q ? R @
R u g l q r _ q _ l _ R e s u l t s . The evnpression level _nd nositive p_te od CEACAM the thwpoid c_ncep
epoun uepe hiehep th_n those in theenien thwpoid tukop epoun. The diddepence u_s st_tistic llw sienidic_nt
P<0.05 , R f c j c t c j q m o d W q A p 4 W A S d _ p l _ b K 7 K D M W ? M ` P N A L ? @ A M P / J
Q / . 2 ? Q ? R @ l b R u g g l q r f c r f w p m g b a _ l a c p e p m s n u c p c f g e f c p r f _ l r f m q c g l ` c
R f c b g d d c p c l a c u _ q q r < 0 . 0 5 g q Q g n æ _ j p j k w _ t g a e n l p p d g j a _ r l g m l _ l _ j w q g q q f m u c b r f
j c t c j m d A C ? A ? K q g r g t c j w a r d p p A _ j l W C 0 K K N W D M W ? M ` P N A L ?
@AMP/Q/ . 2 ? Q ? R @ l b R u g Q . 0 5 , 1

3 CEACAM mRNA Aw d p / A / _ 1 j / W C ?
K K N W / D M V / M ` P N A L / @ A M P / Q / . 2 ?
Q ? R / @ R u g q r
R _ ` 3 j A m p p c j _ r g m l _ C E A C A M m R N A _ c r u c c l
expression and Cyfra21 1 / A _ 1 j / W C ? K K N W / D M V / ?
M ` P N A L / @ A M P / Q / . 2 ? Q ? R / @ R u g q r

	A C ? A ? K k P L ?	
	r	P
A w d p / W /	. , 1 5 5	: . , . . /
A _ 1 j W	. , 1 4 3	: . , . . /
A C ?	. , 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 A C ? A ? K
n
A C ? A ? K
E g m t _ l c ' j j _
A w d p / , / n A w d p / _
/ 7
A _ 1 j W
/
A C ?
K K N
Δ
/ 3 n
A w d p / A _ 1 j / 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 >

P U X T (3% X D J N F

E Q N ? A ? ? N A P

/ 0 /

		EQN		? A ?		A		? N A P
	n		0 . / 6/		0 . / 7/			3 5
		n=3	▶ /		n=20	/		
3 .	n	EQN		/		T		Ж

& 71?0 . . 0 3 '
 / , 2 5 4 . . .
 0 , 2 5 / . . .
 C F k _ o g j 2 q p w g x d > q g l _ , a l

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 _ p < 0.05 , r 0.4 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 d
 e p m s _ n l b r f c b g d d c p c l a c u _ q p 0.05 , r 0.4 c g a _ j j w q g e l g d g a g d 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 m n j c p k s r j g r 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 : 0 0 0 0 1 4 p m k _ 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 P < 0.05 k , n p m e l m q g q m d n _ r
 Conclusion N_tients uith dp_ctupe od tibi_l nl_te_u h_ve 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 E Q N ? A p g _ r l g b t E 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 c g l q 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 c s p c m d r g ` g _ j n j _ r c _ s

n=37

n=20 n

/ n

@ U U f / / / / / 0 7 E O Y 7 X " 1 0 7 0 7

0 n

1 n V

2 n

e j w a _ r c b q c p e n n p m r c g l q

3 n

_ l r g a _ p b g m p a n g l _ l r g ` m b w

A _ a W r g t _ r c b n p n ? N A P l a p c q g q r _ l a c

4 n

E Q N A ?

? N A P

n

1

1.1

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

1 4

0 / 2 1 , 3 / 2 5 Q a f _ r x i c p

4

0 0 1 Δ / 5 Π / . Σ 5

1.3 EQN PMA EQN? A ?? NAP

MB < A s r m d MB J m e g q r g a P<0.05

EQN /? A ?? NAP P<0.05 0ⁿ

EQN /? A ?? NAP P<0.05 1ⁿ

EQN /? A ?? NAP P<0.05 1ⁿ

		EQN? A ?? NAP n # -		EQN? A ?? NAP n # -	
R _ `0j 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		EQN? A ?? NAP n # -		EQN? A ?? NAP n # -	
n		GSP k m j - J		? A ? n=47	
t/ P	57	2 3 4 , / 5 / , / 5	2 6 6 2 , 0 /	7 / 3 , 5 7	2 3 5 6 , 7 3 / 0 0 / , . 3
	50	/ 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 n # -		EQN? A ?? NAP n # -	
R _ `1j 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		EQN? A ?? NAP n # -		EQN? A ?? NAP n # -	
n		GSP k m j - J		? A ? n=37	
t/ P	37	0 5 5 , 5 / , 1 7 3	5 / 6 , 7 0	1 . 6 / , . 6	/ . 0 5 , . 1 0 5 5 0 , 7 5
	20	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

P<0.05

3ⁿ

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 _ e 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 < 0.05 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
 P < 0.05 , 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 P K W S 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 P < 0.05 p m e l m q g q m d n _ r g c
 Conclusion The high evnpression od TRDMT1^W nd CEACAM^W nd 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 e 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 m _ p l a c m p j m e g a _ j a f _ p _ a r c p g q r g a q

W n

¹ 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 m W

/

² 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

³ n

R P B K R W

A C ? A ? K W

n 1

`

§

Ö

(

R P B K R W C ? A ? K W 1.4
J K T B

Q N Q / Q 6 , .

n - t

n #

J m e r g g a

P<0.05

n

2

2.1 TRD M T W L / A C ? A ? K W J K T B

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

P<

0.05

J K T B

P<0.05 n / n

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

n # -

R _ ` / j C v n p c q q g m / q 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

	n	CEACAM 1		R P B K R W		J K T B
	42	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
	42	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
t/		/ 2 , 0 3 7		/ 2 , 2 . 7		0 0 , 7 5 4
P		. , . . /		. , . . /		. , . . /

2.2 TRD M T W L / A C ? A ? K W

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

/ R L K / /

/ P<0.05 A C ? A ? K W

/

P>0.05

R P B K R W

/

P<0.05 n R P B K R W

A C ? A ? K W

/

/

/

R L K

P<0.05 n 0 n

2.3 TRD M T W L / A C ? A ? K W

J K T B

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

J K T B

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

P<0.05 n 1 n

2.4

4 0

i n N n

/ 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 YKL 40 TLR4 k P L ? j c N E j B and the percentage of EOS in peripheral blood and tissues in the polyps group uere higher than those in the non polyps group and the control group. The didderence uas statistically signidicant P<0.05 , ? 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 3 p m s p p c l l b a c t c p c a s p 3 1 3 5 # 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 _ q a m j p 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 h p m c 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 YKL 40 TLR4 k P L ? j c t c j e a n d l l b 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 r 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 _ q p m a n j j w P<0.05 , F g e f c v n p c q YKL 40 TLR4 t _ c l j b q k m P d L N F m B 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 P e c O 5 r , C o n c l u s i o n c T h e Y K L 40 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 b g t c m r d p e n p e c l m r q g g e p l c g j d g n a c l m a c 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 R J 2 _ C M Q n m j w n

W a f m l g a q A P Q s q g r g d 3 7 A P Q
W / 0 n=64 / n=75
n
/
/
/
/ n A P Q
a f m l g a q g l s q g r g A P Q g l N A I P _ Q 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 g 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

1.2.3
1 +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 J 2 Ŵ 3 ů Ŵ - t F
R E ? E Ŵ E A ? R A E A ? ? R L E Ŵ ? ? E 3 Ŵ Ŵ n #
? ? E E E E ? ? E Ŵ R ? E E ? R R E E E Ŵ A P Q u L N Logistic
3 ů Ŵ R E R A Ŵ A R A A A ? A R A A Ŵ E E R ? ? E R O Ŵ n
3 ů Ŵ E ? R R E A R Ŵ A ? E ? A A R L E Ŵ A ? E R R Ŵ
é @ 3 ů Ŵ R A A ? E ? ? E R ? R Ŵ R A ? ? A A ?
A ? E Ŵ 3 ů Ŵ E A A R Ŵ R A ? A ? R ? A ? R 2 1 ? 3 A E K 2 4 0 T L R 4 N F B /
1 ů NAP 1 6 C M Q
7 . ž . q 7 0 ž . q 3 4 ž . q 5 2 ž . q n Y K L 4 0 T L R 4 N F B k P L ?
1 A r / C M Q
n C M Q n P < 0 . 0 5 n 0 n

0 1 Y K L 4 0 T L R 4 N F B m R N A C M Q -
R _ ` 0 j A m k n _ p Y K L 4 0 T L R 4 N F B m R N A levels and tissue EOS proportion in the 3 groups -

	n	YKL 40 mRNA	TLR4 mRNA	NF B mRNA	CMQ #	CMQ J ^W / Ä / ⁷ .
	64	0.97 `0.31	0.93 `0.15	0.69 `0.13	2 , 7 / 5 , `3 5	. , 1 / , ` / 0
	75	0.71 `0.25	0.47 `0.13	0.45 `0.11	1 , 0 / , `3 4	. , / . 2 , ` . 3
	71	0.49 `0.13	0.43 `0.12	0.31 `0.05	0 , // 7 , ` . 1	. , .. 5 , ` . /
F		73.47	245.94	595.57	5 4 , 3 .	/ 7 4 , 0 4
P		<0.001	<0.001	<0.001	: . , . . /	: . , . . /

2.2 CRSuLN CMQ AP Q u L N
6 2 2 3 P < 0 . 0 5 n 2 n

3 1 , 3 5 # n=45 3
n=39 n

2.3 AP Q u L N AP Q u L N
/ / /
/ P > 0 . 0 5 / n AP Q u L N
/ Y K L 4 0 T L R 4 N F B k P L ? /
/ C M Q n W I J 2 Ŵ / 6

P < 0 . 0 5 n 1 n /
2.4 AP Q u L N 5 n
Y K L 4 0 T L R 4 N F B k P L ? 6

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

1 APQuLN				
R_`1j 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				
	n=45	n=39	t/	P
	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
n	/ 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 APQuLN

R_`2j 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 Ö , .

Ä Ö . . . Ä Ö

A B1⁺A B/)A B3)L I

Q J C A B1⁺A B/)A B3)L I

n 0 . / 51 0 . / 74 / 2 3 Q J C

/ . . A B1⁺A B/)A B3)L I n

Q J C Q J C Q J C B ? G

A B1⁺A B/)A B3)L I Q J C A B1⁺A B/)A B3)L I

n A B1⁺A B/)A B3)L I / Q J C

P<0.05 n A1/A2 A B1⁺A B/)A B3)L I /

P<0.05 Q J C B ? G/A A P N' C Q P



P<0.05 , A m k n j c l k _ d l b 2 A A

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 v 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 c a r g A P M p p w c g p m a w r c q c O 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
 P<0.05 , N c _ a q 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 v 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 P m 0 0 5 _ l s b r A u 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 P < 0 . 0 5 , K s j r g J m _ e p g g l r r g q 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 P < 0 . 0 5 l , r j w a m p p c j _ r c b u

ROC curve showed that the area under the curve values of CD3 CD14⁺ CD54⁺ NK cell count and percentage for
 evaluating the activity of SLE were 0.752 and 0.794 p c q n c a r g t c j w , U f c l r / 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 v Conclusion f T h e j e _ i s p _ e l e c p _ s e , i n C D C D 1 6 ' C D 5 6 ' L K

cells in SJEN_tients _ 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

W A P 4 ^ c ;

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

/ 3 k g l P<0.05 n
 k g l b p _ @ p g A w r c C
 K P D j m u n V 2
 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 / / / , 2 5 / / 3 , # 4
 n # U=22.454 / / 7 , # < 0.05 n
 - t 2.2 A B 1 W
 " A B / 4 A B 4 I
 K N O 3 # 5 B # Mann Whitey A1/A2 A B 1 A B / 4
 Pearson A B 4 I /
 Logistic Q J C P<0.05 C Q P A P N b q B L ?
 / A / o
 ROC Q J C P<0.05 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 i g A B 1 A B / 4 A B 4 I l b a l c Q J C Q J C l m d l a p n j j c b q s ` h c a l

	n=57	n=66	U/t	P
Q J C B ? G	5 3 6	0 / 1	/ . , 0 2 5 . , . . /	
A1 e - J	. , 5.5 , 0 1	/ , . . 0 , 2 /	2 , / 7 1 : . , . . /	
A2 e - J	. , / . / , . 3	. , / . 7 , . 7	4 , / 0 0 : . , . . /	
C Q F 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 , 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

Pearson A B 1 A B / 4 A B 4 I
 Q J C B / A P N P< b q B L ? / A B 1 A B / 4 A B 4 I
 0.05 A1/A2 P<0.05 n Q J C P<0.05 n
 0ⁿ 1ⁿ

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 l 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	#
	r	P	r	P
Q J C B ? G	+ . , 1 3 3	: . , . . /	+ . , 1 4 1	. , . . /
A1 e - J	. , 1 3 0	. , / 0 .	. , 1 . /	. , . 2 6
A2 e - J	. , 0 7 4	. , . 1 7	. , 1 2 3	. , . 0 6
C Q F 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

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

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 q g l b g a _ r m p

	OR	95%CI	P	OR	95%CI	P
A1 e - J	0.722	0.560 0.699	. , . .	20.494	0.494 0.644	: . , . . /
A2 e - J	0.774	0.513 1.146	. , 0 0 2			
C Q Fk k - f	1.394	1.141 1.702	. , . .	1.293	1.044 1.407	. , . / 7
A P Nk e - J	1.239	0.975 1.573	. , . 6 .			
b q B L ? G S - k J	1.493	1.109 2.012	. , . .	71.344	1.016 1.633	. , . 1 6
A / o P S - k J	1.292	0.959 1.740	. , . 7 1			
A B ^W A B / A B ^W L I - J	0.796	0.453 0.974	. , . 0 5	0.752	0.404 0.933	. , . / .
A B ^W A B / A B ^W L I #	0.739	0.560 0.943	. , . / 3	0.752	0.594 0.951	. , . / 6

2.5 CD3⁺CD16⁺CD56⁺LK Q J C

ROC A B^W A B / A B^W L I

A B^W A B / A B^W L I Q J C

. , 595% CI . , 4 5 2 | / . , 6 0 7
. , 595% CI . , 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

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L I

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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 j 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 . / 5 / 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 p 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 p / 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 p s q r f p g r / g 7 q 7 5 f . 7 s / K 5 0 3 ,
4 T g r _ @ c l A a g t K m j a _ K _ j , B c t c a i 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 m q 2 q 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 _ g b c T A ? K n W h q g r R y 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 P < 0 . 0 5 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 y 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 o 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 c W 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

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/ , 0 # ° n

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3 3 # ^ n

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R P D				P<0.05				A G O N ? T A ? K / W			
P<0.05 n / n				R P D				/ / /			
/ A G O N ? T A ? K / W R P D n #				P>0.05 n 0 n							
R _ ` / j A m k n _ p g q 0 1 T m d ? A G O N I b R P D 2.3											
c v n p c q q g m 0 l e p m e n n # c c l								0 / 3			
n CIP2A T A ? K / W R P D				/ 7 , 2 6 # 4 0 6 . , 3 0 #				/			
50 0 12 6 , . . 0 02 2 , . . 2 37 . , . .				/ A G O N ? T A ? K / W R P D							
77 4 76 7 , 4 / 4 66 6 , 1 / 1 73 . , 4 3											
+ 0 6 , 6 5 7 0 6 , 6 1 / 0 . , 7 4 /											
P + . , . . / . , . . / . , . . /				P<0.05 n 1 n							
2.2 A G O N ? T A ? K / W R P D				2.4 j m e g q r g a < 2 3 /				U Ž			
A G O N ? T A ? K / W R P D				/ A G O N ? T A ? K / W R P D							
				P<0.05 n 2 n							
0 A G O N / T A ? K / W A Š y , 0 /											

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

2						
R _ ` 2 j @ 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 _						
			Wald/	OR	95%CI	P
<2 3	. , 3 6 7	. , 0 / 1	6 , / 2 3	1.602	1.167 2.734	: . , . . /
	. , 5 6 1	. , 0 2 3	/ / , . 4 0	2.166	1.354 3.537	: . , . . /
A G O N ?	. , 4 5 2	. , 0 4 1	/ . , / 0 2	1.942	1.172 3.265	: . , . . /
T A ? K / W	. , 5 / 3	. , 0 2 5	6 , 4 0 6	2.044	1.240 3.317	: . , . . /
R P D	. , 4 0 2	. , 0 1 7	7 , 3 0 4	1.644	1.146 2.962	: . , . . /

3

n

/

/ / 6 n

A G O N ? T A ? K / W R P D /

/ /

/ 7 n

A G O N ? T A ? K / W

R P D

/ / . n

A G O N ?

/ / n >

/ 0

N 0 ? A G O N ? N 0 ? 0 ?

2.2 dDL /K K N ~~W~~ G J ~~W~~ ^W

2.3

j m e g q r g a

d D /K K N ~~W~~ G J ~~W~~ ^W

P M A

d D /K K N ~~W~~ G J ~~W~~ ^W

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 ^W 1 0 , 1 2 0 - / K J K N ^W

d D /K K N ~~W~~ G J ~~W~~ ^W

4 , 7 4 - k J

P < 0.05 ⁿ / 1ⁿ

P < 0.05 2ⁿ

5 U ' D 5 D 2 g

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1 P € ! @ "

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Đ Đ Đ Đ f @ @ đ u • U % \$ L Đ Đ Đ € @ " 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 c p g m q r g l / R n
7 / , 1 . # 2 4 5 4 , . 7 #
P<0.05 n P>0.05 n J T C B / B
J T C Q B T C D P<0.05
N c p g m q r g l P>0.05 n N c p g m q r g l
@ L N F q W a R I R P<0.05 n
B A K N c p g m q r g l
n
N c p g m q r g l

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

ABSTRACT Objective To _ n _ l w x e the eddic _ 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 c p . * 0 L m / t m k j n / c / p

2 F q a R I R P > 0.05 n

2.1 N c p g / c q N g l q W a R I R

/ / / / P < 0.05 n 2 n

P > 0.05 / 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

n # -

-

n=44 0 4 - . 3 4 , 5 2 5 7 , 1 / 0 , 6 7 2 1 , 2 6 1 2 , 5 6

n=44 0 3 - / 3 3 , 4 4 5 5 , 2 / 4 , 7 7 1 2 , 5 6 1 7 , / 1

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

P . , 6 1 2 , 3 0 1 . , 6 . 6 . , 1 7 1 . , 4 4 4

2.2 2.5

P < 0.05 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

n=44 0 . 2 1 , 2 / 3 1 0 , 4 // 0 1 , 1 3 5 4 , . 7

n=44 0 2 3 0 , // 5 1 7 , / 2 6 , 5 2 0 7 / , 1 .

. , 1 2 6 . , 2 0 3 1 , 7 . 1 1 , 7 . 1

P . , 3 3 3 . , 3 / 2 . , . 2 6 . , . 2 6

2.3 7 n

P > 0.05 n

P < 0.05 n 1 n . , 7 #

/ B A K / / n

B A K

/ 0 W / n 1

U • U Ź m q q e e @ % T M • @ R f E 5 F D @

n=44 n / 2

n=44 Y W

2.4 N c p g / c q N g l / 3 n

F q a R I R Y W

N c p g / c 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=74 n=431 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 F C n //1/5 b k g P ~~W~~ 4 E _ / j c a r g l ~~W~~

P<0.05 //1/5 b A N G Q N ? A F C

P<0.05 1 b k g P ~~W~~ 4 E _ j c a r g l ~~W~~ A N G Q / ? N ? A F C P<0.05

1 b k g / P ~~W~~ 4 E _ / j c a r g l ~~W~~ N A G ? S A P<0.05

//1/5 b k g P ~~W~~ 4 E _ / j c a r g l ~~W~~ P<0.05 n N A G

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

k g P ~~W~~ 4 _ ~~W~~ 1

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 r i n n j p d s r x f j Q g 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 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 4 4 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 ? m 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 beetween sepuk kiR146 _nd E_lectin3/

evnpession 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, 7 n_tients uho undepuent NC6 in oup hosnit_l uepe selected _s the

pese_pch subjects. Thew uepe divided into _n indected epoun74 _ l b _ l s l g l d n=431 c b 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 l r a j d g ~~W~~ r g a n j , R s f j c k n d p s p k 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 0 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 epoun1

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 P<0.05 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 7 1 5 / 6 3 5 6 > o o , a m k

1b_wql5

b_wq _drcpP<0.05cpg<0.05k k 2 # W _ l b E1_jcba_rvqql Mmqr mncp _rgtcjw ucpc nmqgrg
 amppcj _rcb ugrf ANGQq&amp;pb_c_w b b n n ? A F C O 5 _ r g b c w j q v _drcp mncp _rgml
 rfc ? S A t _ j s 2 4 _ 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 P < 0 . 0 5 _ q r m p s _ k j k g 4 P < W _ l b E j g 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 b _ n w _ g l g 5 c b l _ r v q q m l d r c p P < 0 . 0 5 c p
 evnpression of sepuk ki 246 _nd E_lectin in n_tients uith nul kon _pw indection _dtep NC is closew pel_ted to
 the CN&S _nd ANACFE scopes 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 c a s r _ l c m s q a m p m l _ p w g l r n a g c l r g m l
 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 NAG

0. / 7 /

0. / 7 / 0

3.5 NAG

n=74

n=431 n

NAG

/ n

NAG NC / /

ANGQ

n

? N ? A F C

NAG

n

0 n

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/ NAG /

k g P L ?

P>0.05

/ n

k g P W 4 _ /

n

1.2

¹ E _ j c h a r g l W

1.2.1

NAG

NAG

k g P W 4 _

E _ j c h a r g l W

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0 . / 5 TM²

2.2

ANGQ N ? A F C

E _ j A R N ? A F ρ À

r>0.4

1b

k g P W

2 PMA

R _ ` 2 j 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 _

	? S A	95%CI		#	#
1 b k g / P W	. , 6 . 3	0.746 0.639	<4 , 3	5 4 , 1 0	5 1 , 3 3
1 b E _ j d a r g l W	, 5 6 /	0.743 0.617	<0 3 , l / e 6 - k J	4 6 , 2 0	5 5 , 7 4
	. , 6 3 1	0.619 0.662	+	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 / 4 2 b 1 2 W 1 4 ,
0
W W Y 0
/ / H , 1 AGAS
/ n 1 , k g / P 2 W _ p 0 7 / . / 4 2
E _ j c a 1 r g l W H ,
2 0 . / 0 7 7 / / 7 . 1 W 7 . 3 ,
/ 0 n E _ j c a 1 r g N A G U 0 7 / // . 1 . W / . 1 2 0 7 / Ő B , Š
/ / Ő B o
/ 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 2 W 4 E _ j c a 1 r g l W
N A G ? S A . , 6 3 1

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C@ c n q r c g l W C @ T p / 7 4 2 s q c l a m b c b q k C _ C j P L O ? P L ?
` s p i g j w r k n m k _
/ n C @ T Φ C @ T
7 0 n
C @ T / n C @ T
1 n R / @ /
C @ T / 5 D ` 6 3 / / /
B L ? n
4 C @ T l s a j c _ p @ L I ? r g e c l C @ T
1 j _ r c l r k c k ` p _ K N c n p m r c ^ 3 g C @ T f m b e q g l
P L ? C @ T P L ? C @ T j w k n f m k _ l m l W F m b e i g l

0 . / 0 X V . 0 . . /

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C F k _ x g j n s f _ g u c g > l g d b a , m p e , a l

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0 2 n

C@T^WBL? C@T

0 2 n

C@T^WBL?

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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 p . 0 6 5 0 1 2 3 W 1 3 0 ,

0 E c p k g Q g B j Q @ 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 d r _ j , A p w m C K q r m s a r s p c m d r f c r c e s
k c l r c b a _ n q g b m d C n q r c g l W @ _ p p { r n c O t _ a } H , A _ l a c l c r
J S P W ; B M



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frn --wwo,a`nr,al ig,l cr
hk br > tgn,/41,am k