

// ()
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NT-Pro BNP

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		:
		NT- Pro BNP
		:
(GFR <60)	(FEV ₁ <1 Litr)	
(ELISA, Biomedica-Crop, Bratislava- Slovakia)		
		NT- Pro BNP
	LVEF	NYHA Class
	±	:
	±	NT- Pro BNP
(P< /)		±
	(P< /)	NYHA Class
		:

BNP (NT-Pro BNP) Pro-Brain Natriuretic Peptide :

LVEF NYHA

drpiranfar@yahoo.com :

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Cross- Sectional

()

.()

(stage)

() NYHA

-

.()

(NT-Pro BNP ELISA, Biomedica Crop, Bratislava,
- Slovakia)

B

/

/

BNP

(FEV1<1 Litr)

.()

ARDS (GFR< 60)

NT-Pro BNP

(LVEF)

NT- Pro BNP

NYHA

(stage)

NT-Pro BNP

SPSS Version 13

% (CI)

-

class IV (/) class III
. (/)
(/) (LVEF) . (/) (/)
(/) % . / ±
(/) - /) (/)
NT-Pro BNP . () (/ ± / (stage)
/) (stage A) A :
CI = (-) . (/) (stage B) B (/)
(/) (stage C) C
(P < /) . (/) (stage D) D
class I :
.() . (/) class II (/)

		NT-Pro BNP			
		NT-Pro BNP			
		Pg/ mL			
		C.I = %			
P < /	-	±	(N =)	:	-
	-	±	(N =)	:	-
P < /	-	±	N =	:	-
	-	±	N =	:	-
P < /	-	±	(N =)	:	-
	-	±	(N =)	:	-
P < /	-	±	(N =)	:	-
	-	±	(N =)	:	-
P < /	-	±	(N =)	:	-
	-	±	(N =)	:	-

NT- Pro BNP

Stage

NT-Pro BNP

LVEF

LVEF

Stage

D Stage A

. P < /

. P < /

NT-Pro BNP

-

(Stage)

%	Pg/ mL	NT- Pro BNP	
		CI = %	LVEF
-	±		-
-	±		-
-	±		

%	Pg/ mL	NT-Pro	
		CI = %	BNP Stage
/ - /	/ ± /		(N =) A
/ - /	/ ± /		(N =) B
/ - /	/ ± /		(N =) C
/ - /	/ ± /		(N =) D

NT-Pro BNP

NYHA Class

Class

Class I

Class IV

.(P < /).

NT-Pro BNP

-

NYHA Class

%	Pg/mL	NT-Pro BNP	
		CI =%	NYHA Class
/ - /	/ ± /		(N =) I
/ - /	/ ± /		(N =) II
/ - /	/ ± /		(N =) III
/ - /	/ ± /		(N =) IV

/

/ ,

.()

NT-Pro BNP

NT-Pro BNP

(stage)

NYHA class

(LVEF)

NYHA class III , IV (Stage C,D)

Betten court , Dao , Jacop

NT- Pro BNP

NT- Pro BNP

Bay .() .() .

NT- Pro BNP

Hunt

ANP BNP

NT- Pro BNP

(LVEF)

(multivariate model)

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NT- Pro BNP BNP

NT- Pro BNP

.() BNP

NT-Pro BNP

BNP

BNP

NYHA

(LVEF)

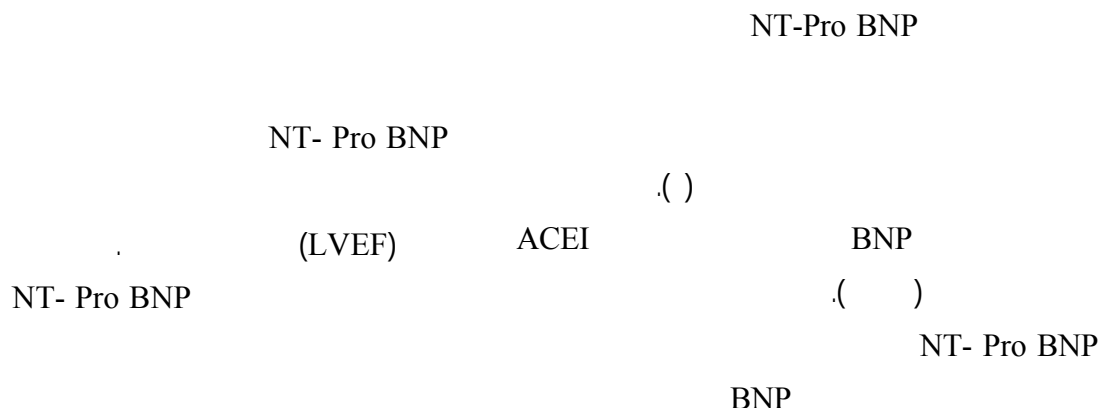
BNP

NT-Pro BNP

.()

Jacob

NT-Pro BNP



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