

// ()
/ / , ,

NT-Pro BNP

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NT- Pro BNP

:

(*GFR <60*)

(*FEV₁ <1 Litr*)

(*ELISA, Biomedia-Crop, Bratislava- Slovakia*)

NT- Pro BNP

LVEF NYHA Class

$\pm$

:

$\pm$

$\pm$

NT- Pro BNP

(*P< /)*

(*P< /)* $\pm$

(*P< /)*

NYHA Class

:

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

LVEF

NYHA

drpiranfar@yahoo.com :

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:.,
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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)

()

NT- Pro BNP BNP

NT- Pro BNP

NT-Pro BNP

.() BNP

BNP

BNP

NYHA

(LVEF)

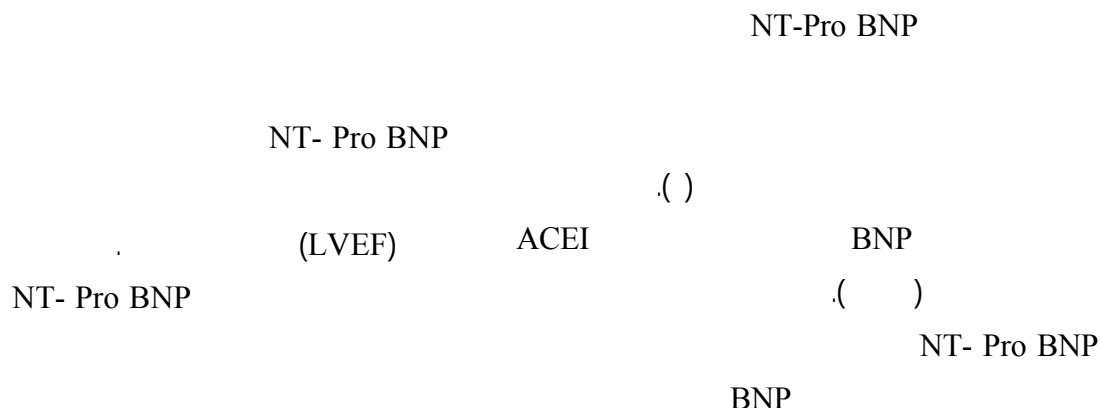
BNP

NT-Pro BNP

.()

Jacob

NT-Pro BNP



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