

()
/
/

- *

∴
,
,
-
- ∴
(%)
(%)
Odds Ratio
(% /)
($P<0/000$) (%)
/

III

(CAD) ∴

-
(CAD)
()
-
() CAD

Hamideh_moravvej@yahoo.com :

∴ ∴ - ∴ ∴

∴
∴
∴
∴

.(-)

%

HDL LDL

MI

(Case-Control Study)

%

Hamilton-Norwood

)

(

LDL

(MI)

HDL



none

stage I

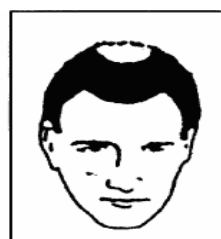
Level 0



frontal only

stage II, III, IIIa, IVa

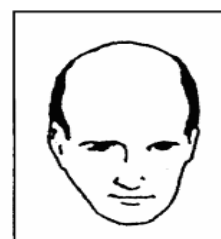
Level 1



vertex only

stage III-vertex

Level 2



frontal and vertex

stage IV, V, Va, VI, VII

Level 3

Hamilton-Norwood

-

LDL MI HDL ()
t-test

(P = 0.2)
() (stage 3)

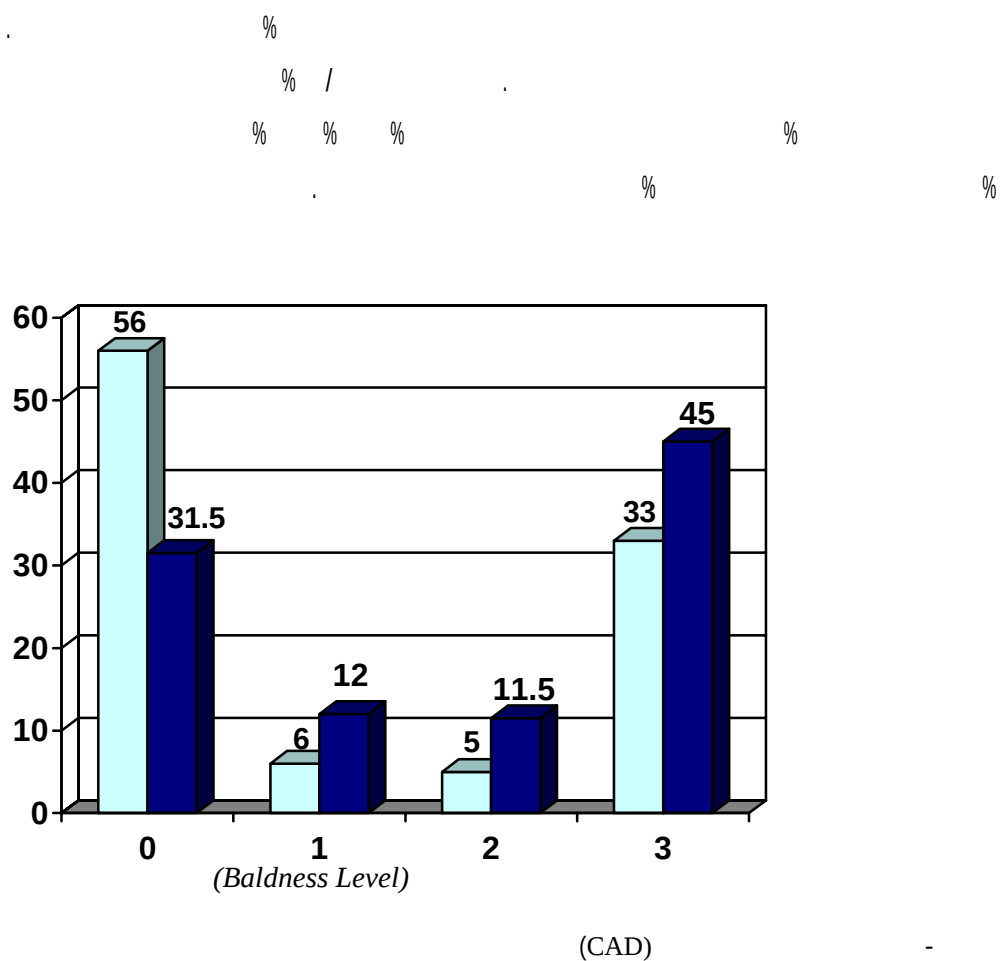
Odds ratio
(Confidence- Interval)
%

(% /)
(stage 2) (%)
(P< /)
/
% (O.R= /)
/ /

HDL (%)	LDL (%)	(%)	(%)	Mean ±SD	
(/)	()	(/)	()	/ ± /	(N= 200)
(/)	()	()	()	/ ±	(N=200)

(Hamilton-Norwood Scale)

(%)	(%)	
(/)	()	
(/)	()	
()	()	



()

.(/)

LDL

LDL

.(-)

LDL

.()

.()

HDL

.() (diagonal earlobe crease)

ECG

.()

/

()

(M)

.()

,()

.()

.()

()

Matilainen

- Practice based

.(P= /)

(/)

(P= /)

(P= /)

. (/)

(P= /)

.(P= /)

(/)

)

(

()

Matilainen

- Population based

revascularization

()

Lotufo

III

)

.(

)

.(HDL

:

III

" "

() Ben Halim

() Sasmaz

)

, : (

,HDL

,LDL

MI

B

A1

,(a)

(ECG

)

()

)

(

(a)

%

.(P< /)

%

(a)

(

)

)

(

,

,

,

,

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