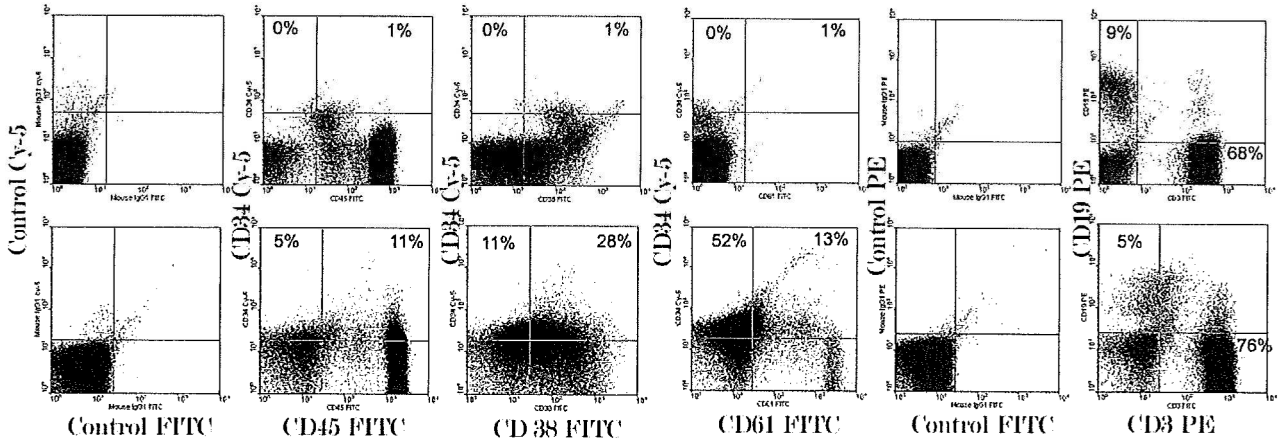

Control Cy-5
CD34 Cy-5
CD34 Cy-5
CD34 Cy-5
Control PE
CD19 PE
0%
1%
0%
1%
0%
1%
9%
68%
5%
11%
11%
28%
52%
13%
5%
76%
Control FITC
CD45 FITC
CD38 FITC
CD61 FITC
Control FITC
CD3 PE

FIGURE 1

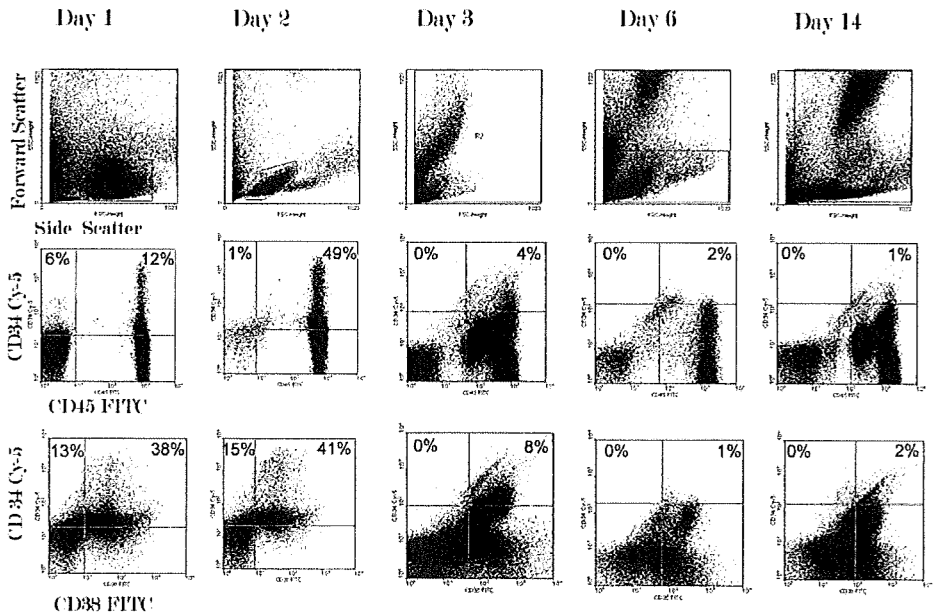


FIGURE 2a

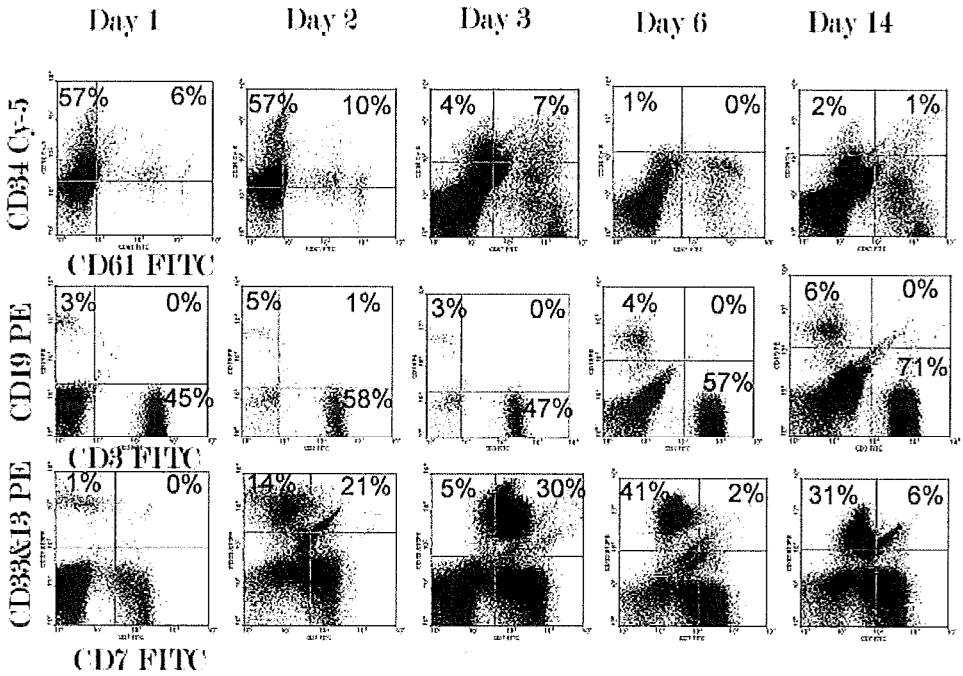


FIGURE 2b

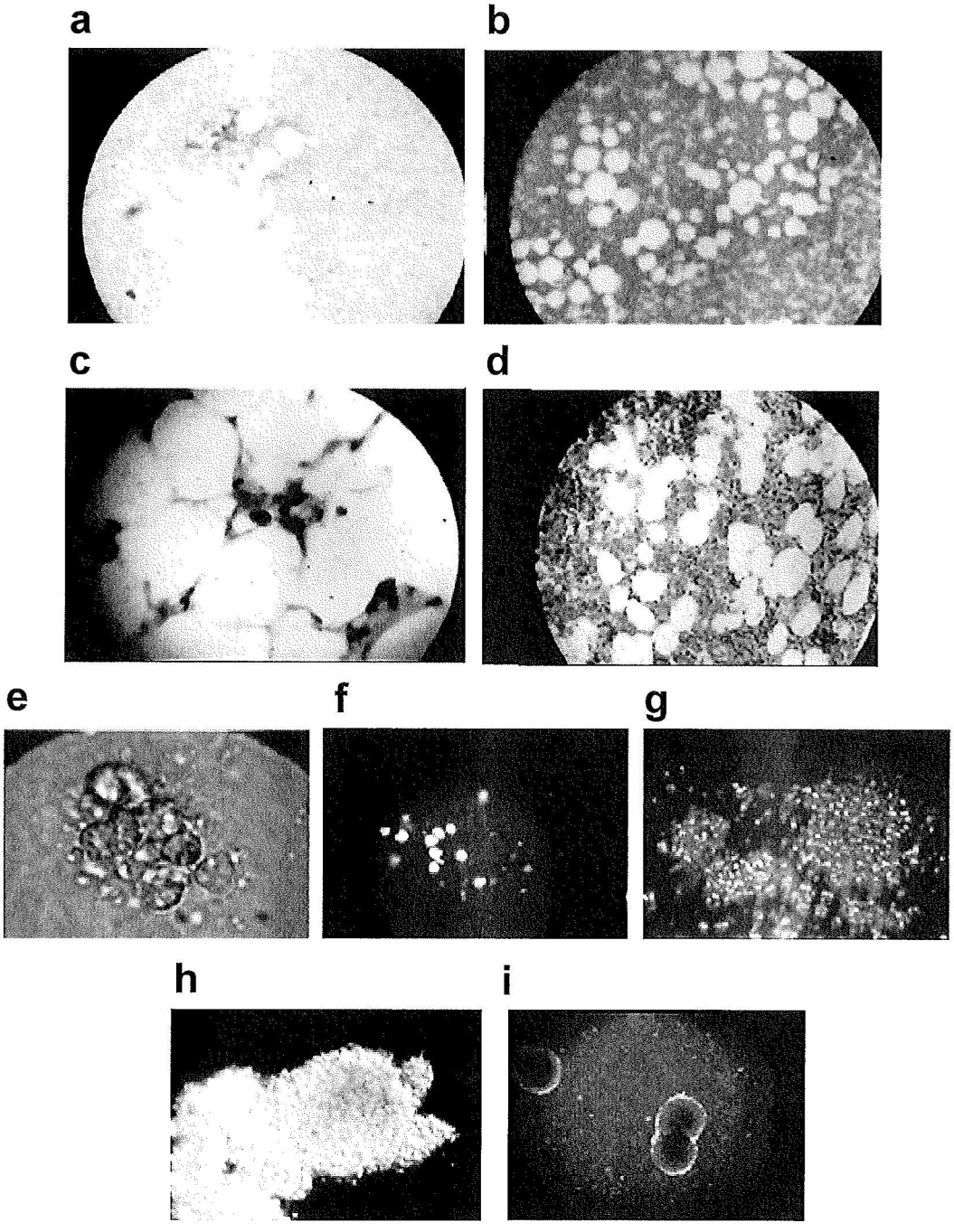


FIGURE 3

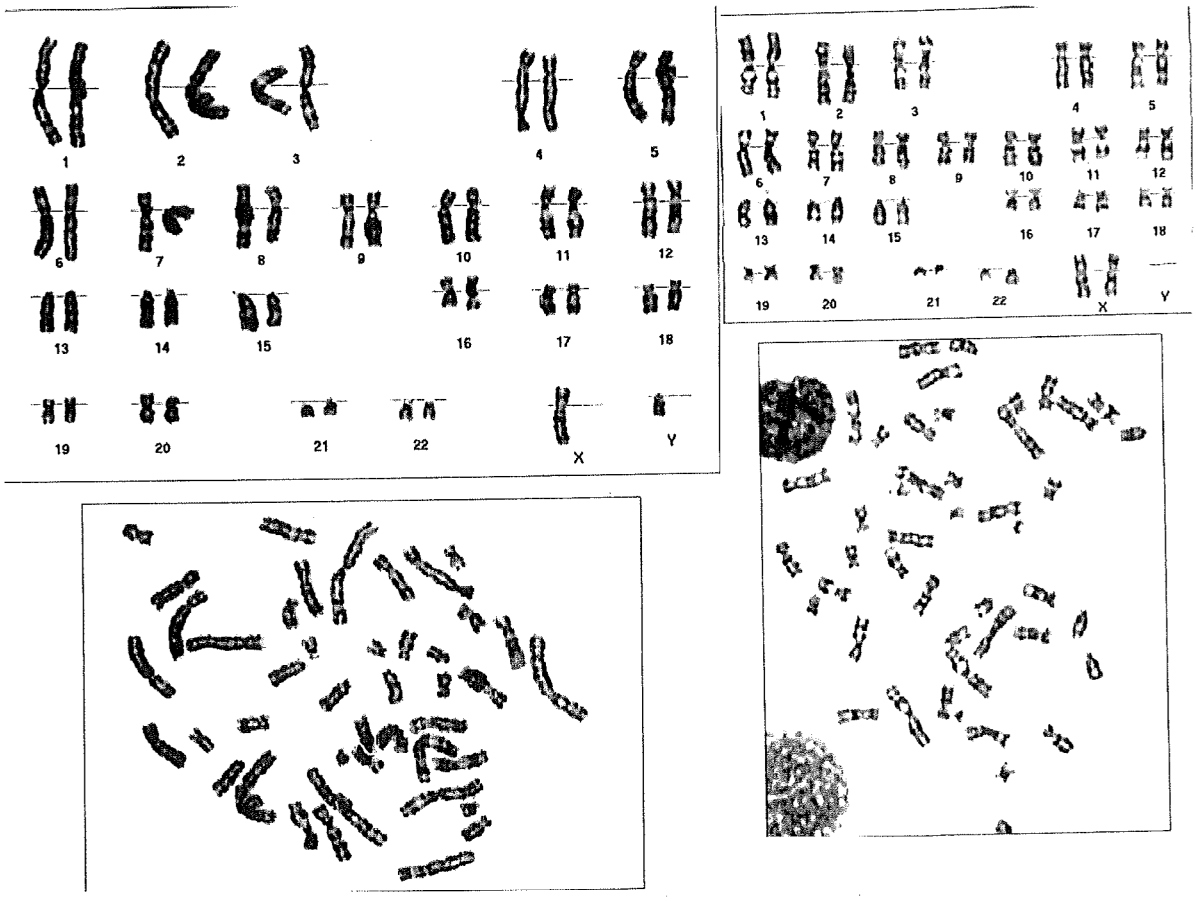


FIGURE 4

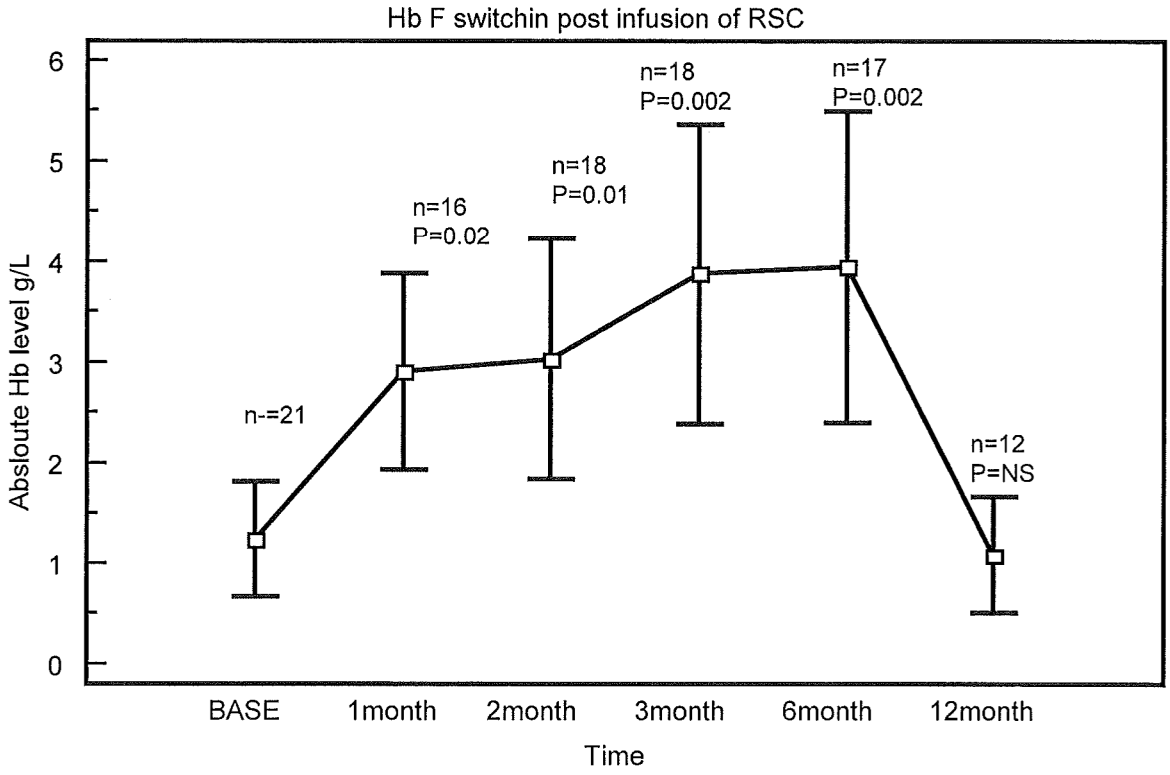

Hb F switchin post infusion of RSC
Absloute Hb level g/L
0
1
2
3
4
5
6
n-=21
n=16
P=0.02
n=18
P=0.01
n=18
P=0.002
n=17
P=0.002
n=12
P=NS
BASE
1month
2month
3month
6month
12month
Time

FIGURE 5

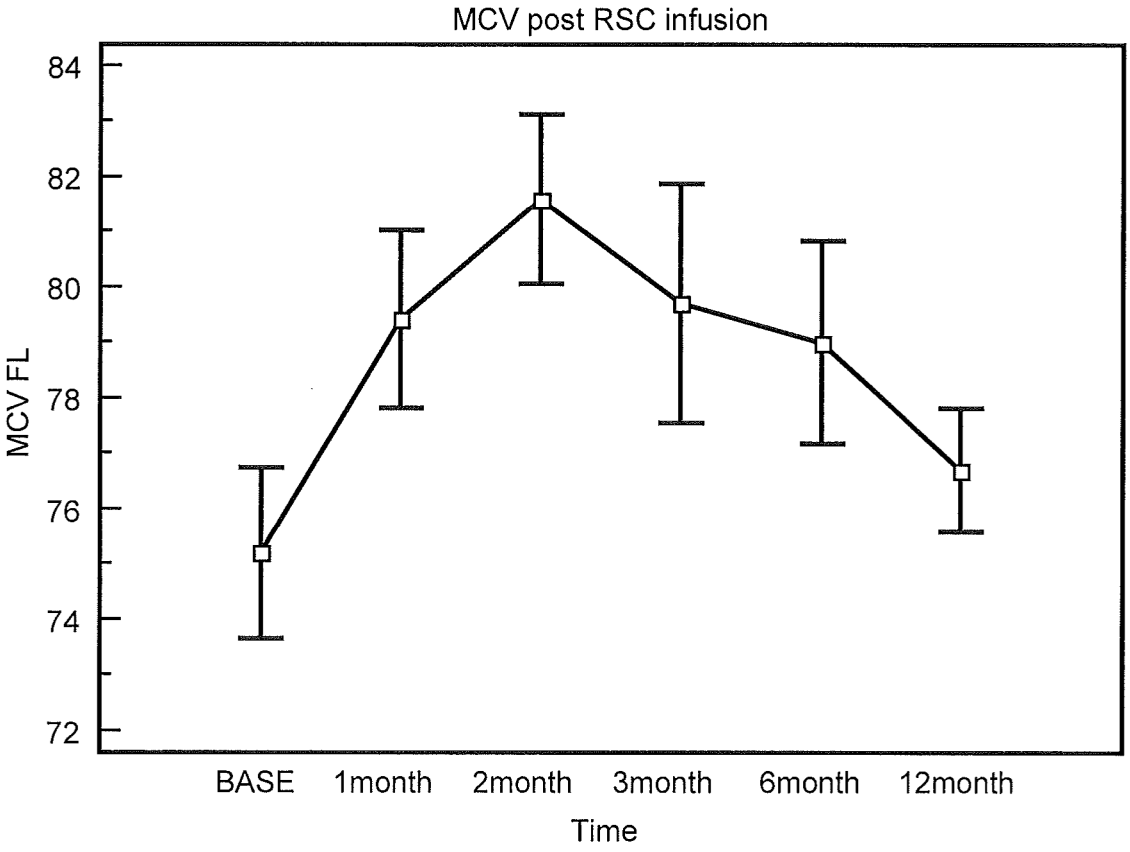

MCV post RSC infusion
84
82
80
78
76
74
72
MCV FL
BASE
1month
2month
3month
6month
12month
Time

FIGURE 6

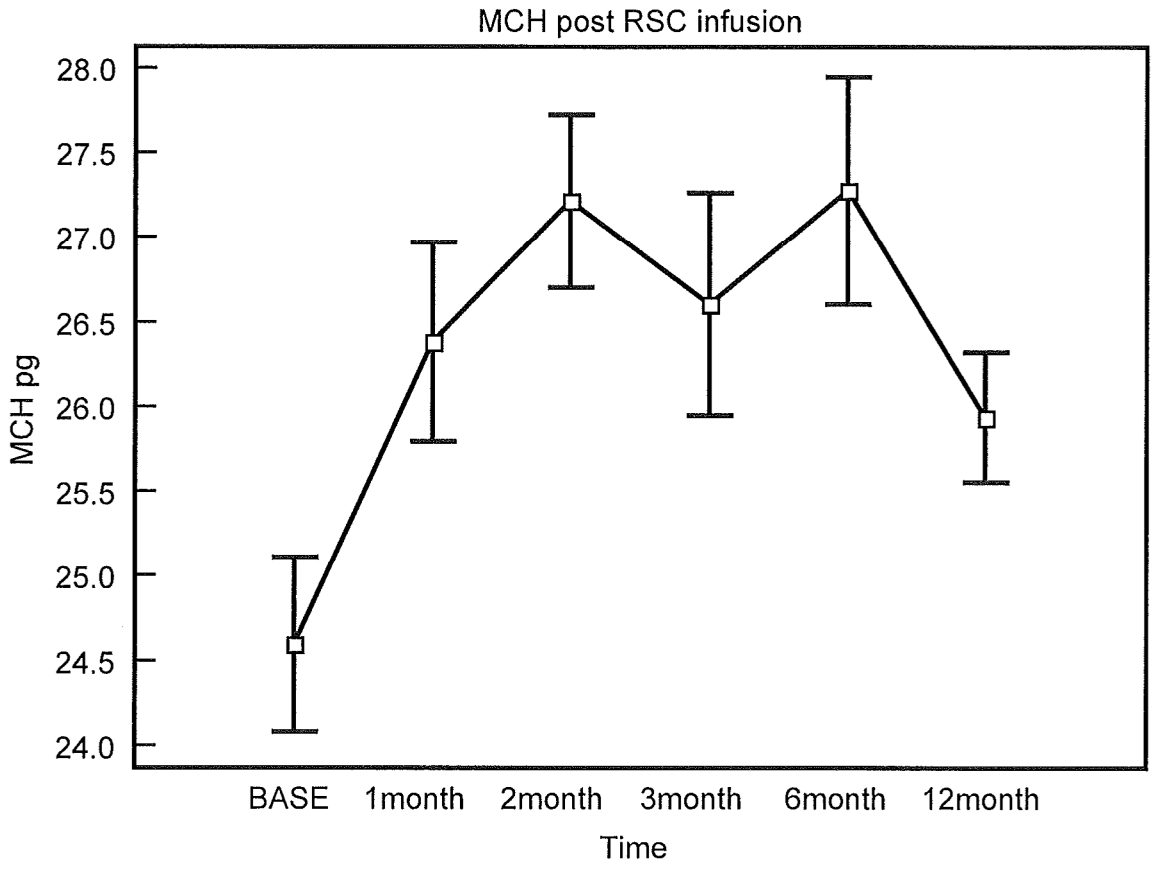

MCH post RSC infusion
28.0
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
MCH pg
BASE
1month
2month
3month
6month
12month
Time

FIGURE 7

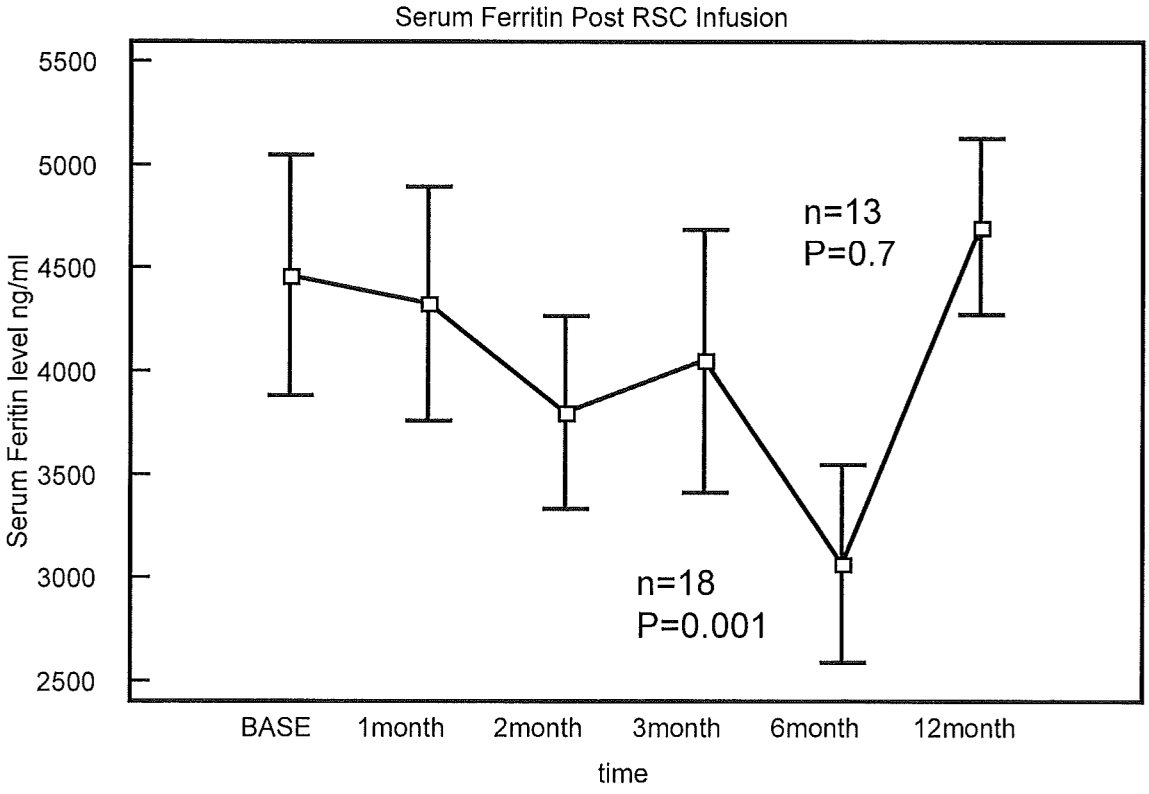

Serum Ferritin Post RSC Infusion
5500
5000
4500
4000
3500
3000
2500
Serum Feritin level ng/ml
n=13
P=0.7
n=18
P=0.001
BASE
1month
2month
3month
6month
12month
time

FIGURE 8

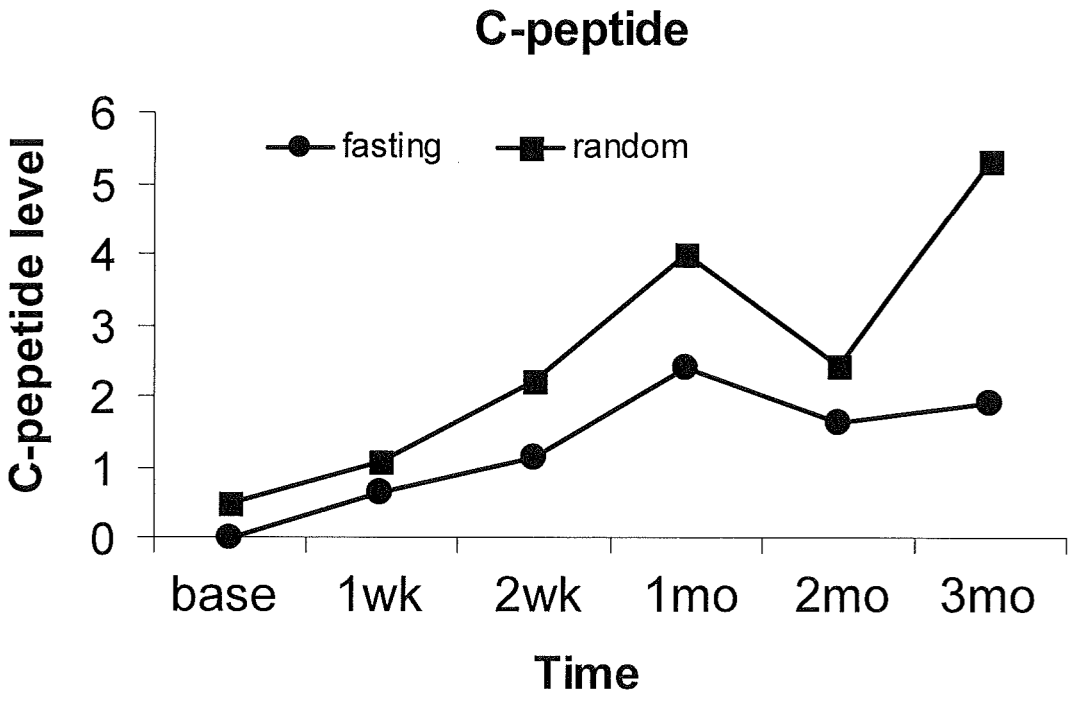

C-peptide
C-pepetide level
6
5
4
3
2
1
0
fasting
random
base
1wk
2wk
1mo
2mo
3mo
Time

FIGURE 9

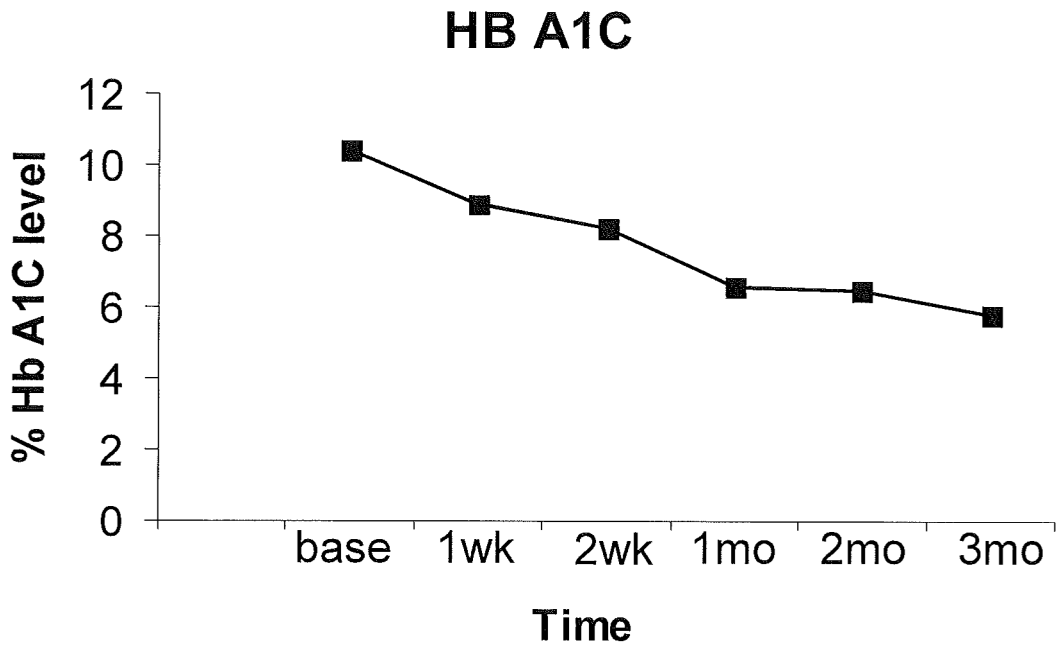


FIGURE 10

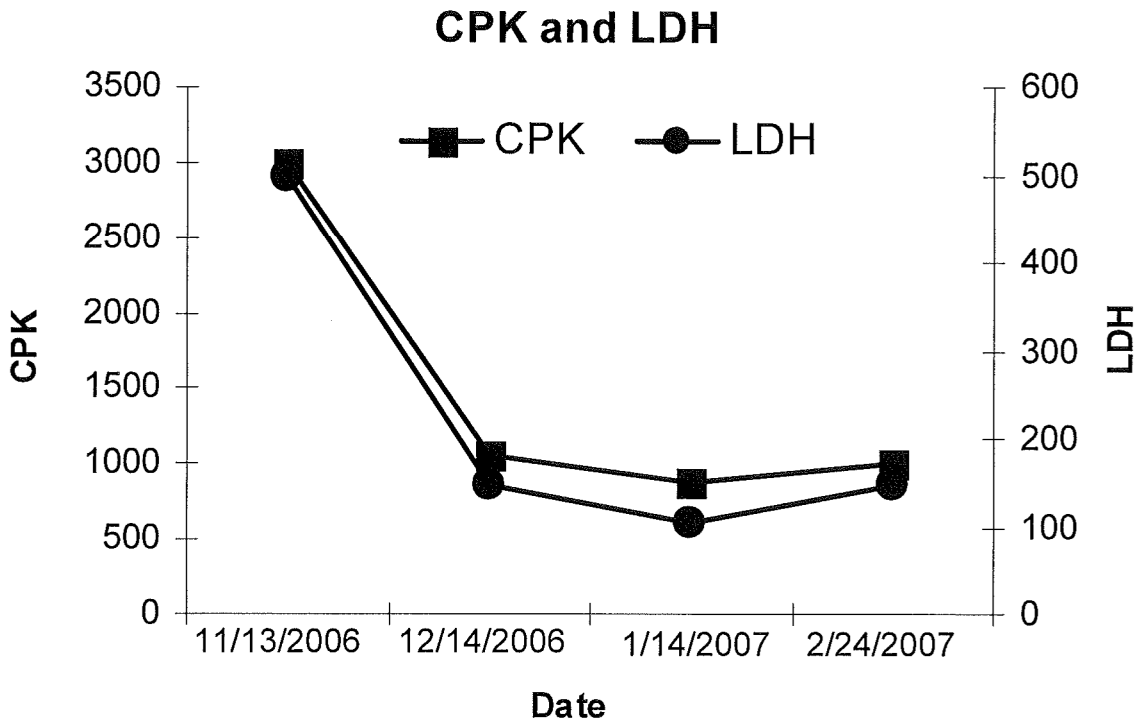

CPK and LDH
CPK
LDH
3500
3000
2500
2000
1500
1000
500
0
600
500
400
300
200
100
0
11/13/2006
12/14/2006
1/14/2007
2/24/2007
Date

FIGURE 11

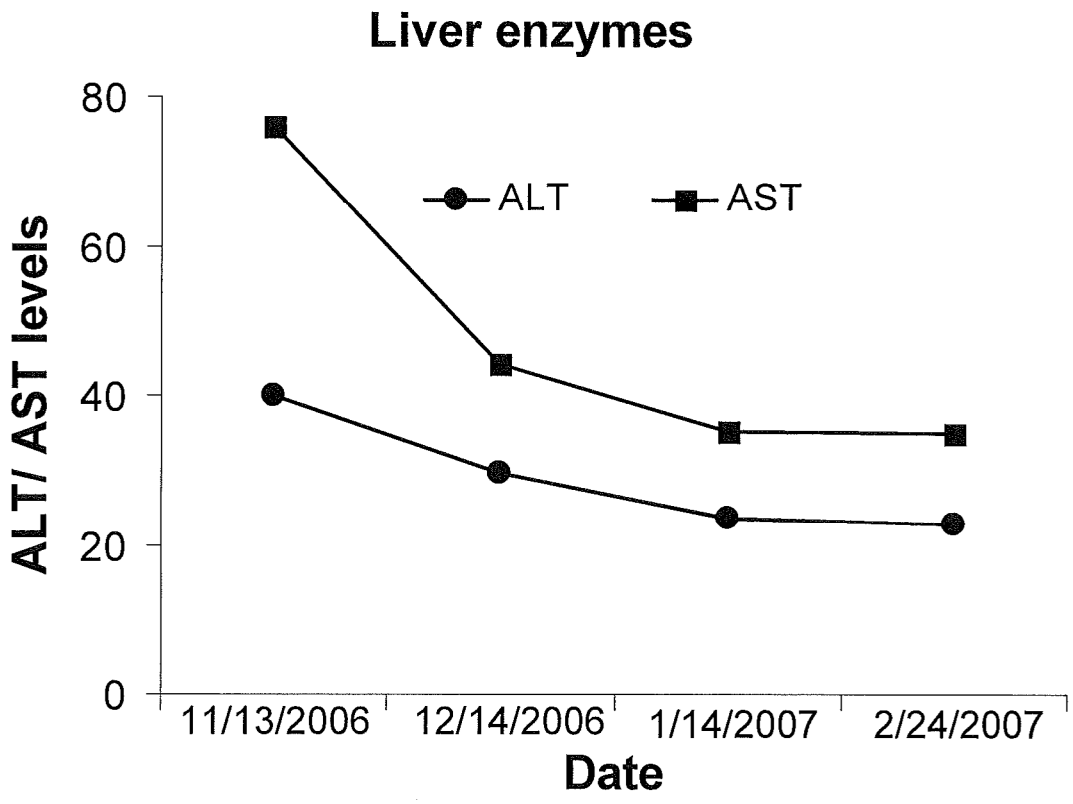

Liver enzymes
80
60
40
20
0
ALT/ AST levels
ALT
AST
11/13/2006
12/14/2006
1/14/2007
2/24/2007
Date

FIGURE 12

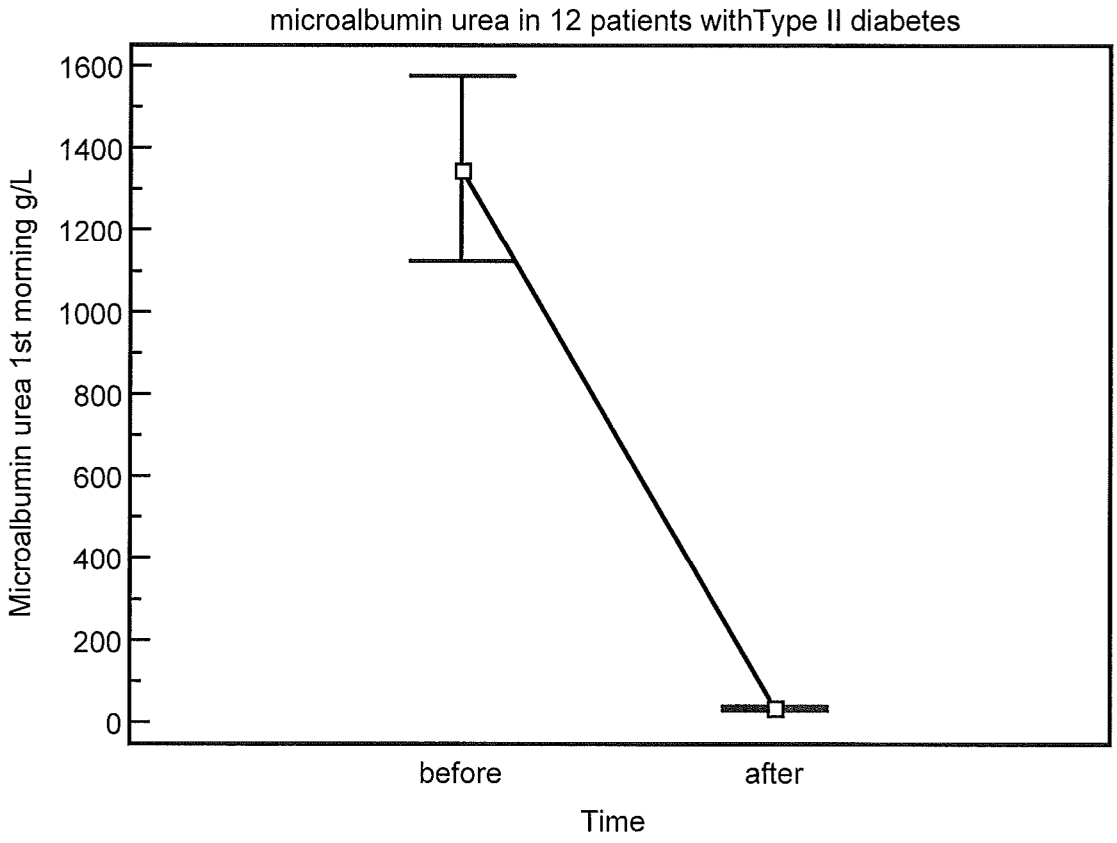

microalbumin urea in 12 patients withType II diabetes
Microalbumin urea 1st morning g/L
1600
1400
1200
1000
800
600
400
200
0
before
after
Time

FIGURE 13

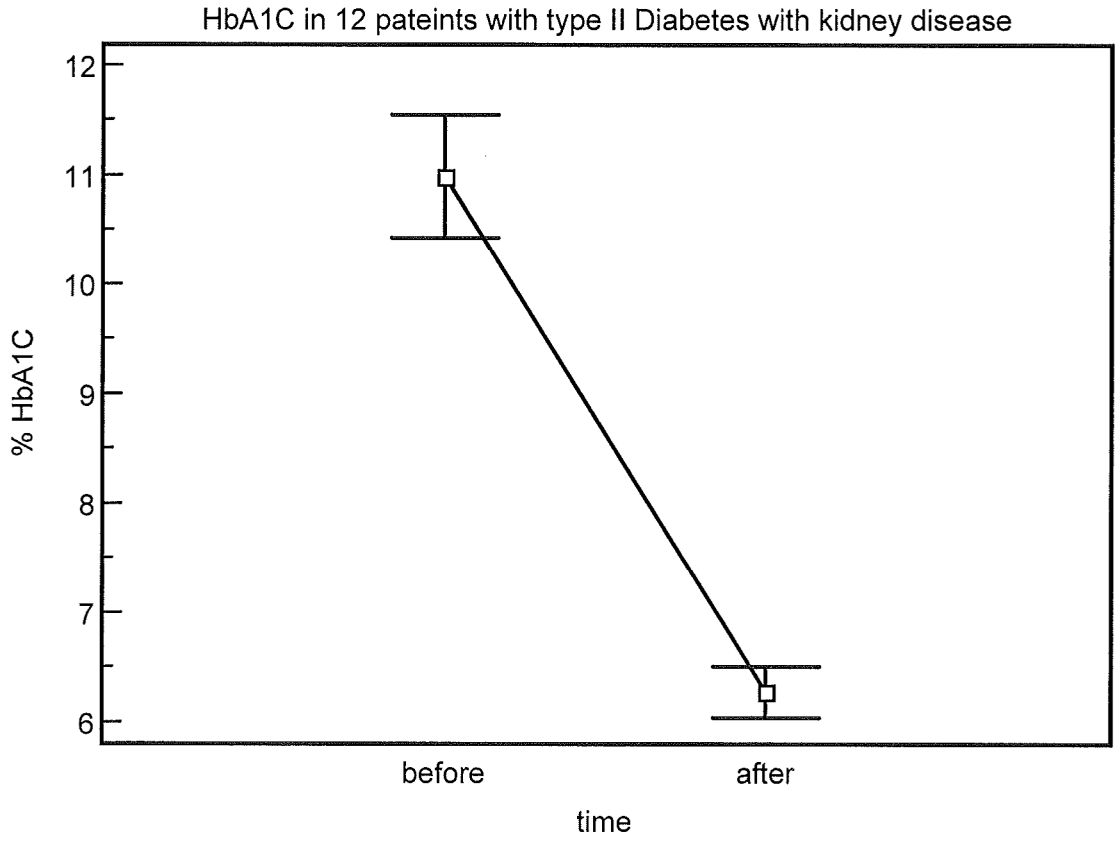

HbA1C in 12 pateints with type II Diabetes with kidney disease
12
11
10
9
8
7
6
% HbA1C
before
after
time

FIGURE 14

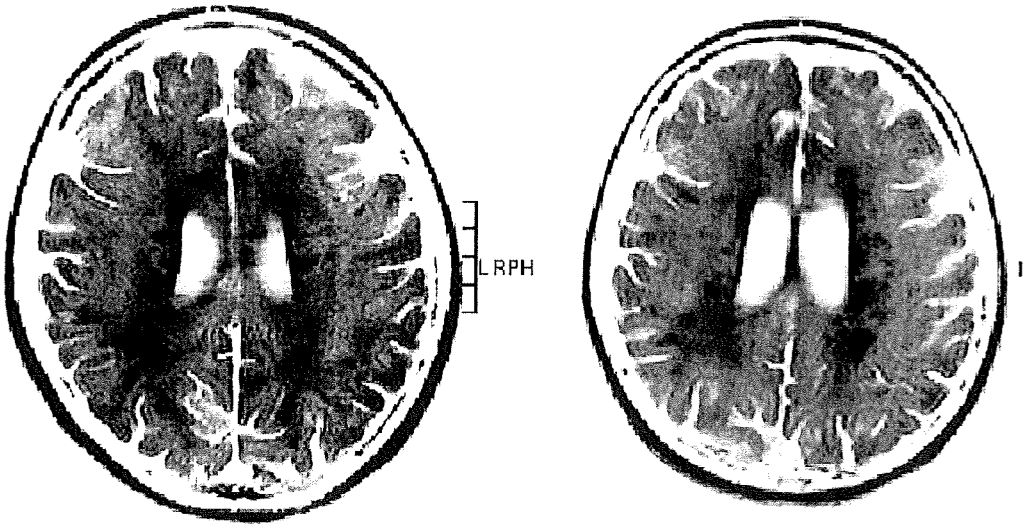


FIGURE 15a

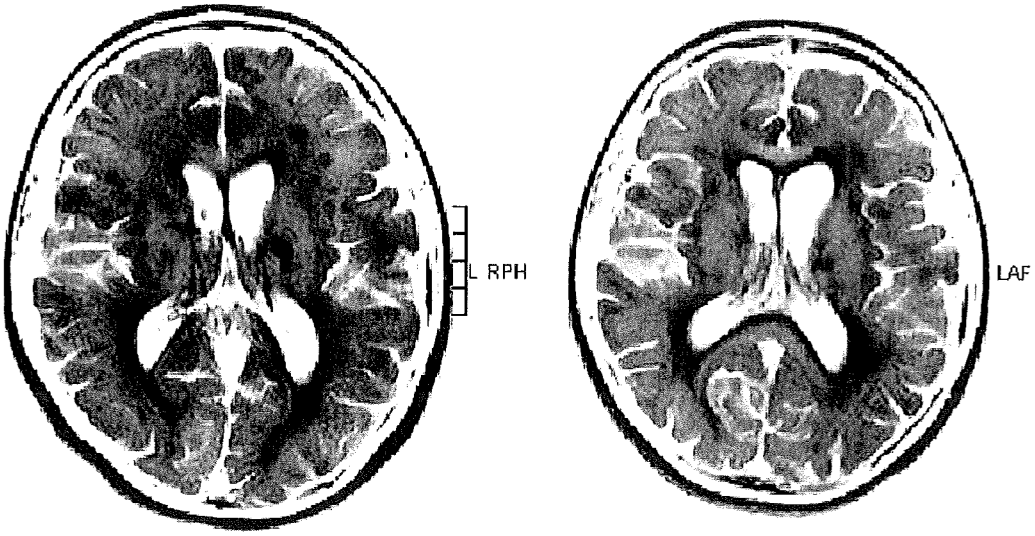
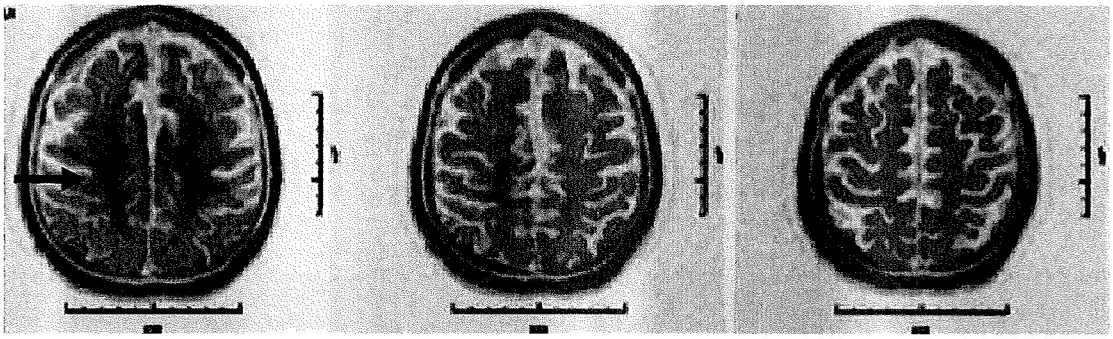


FIGURE 15b

Before stem cell therapy



6 months after stem cell therapy

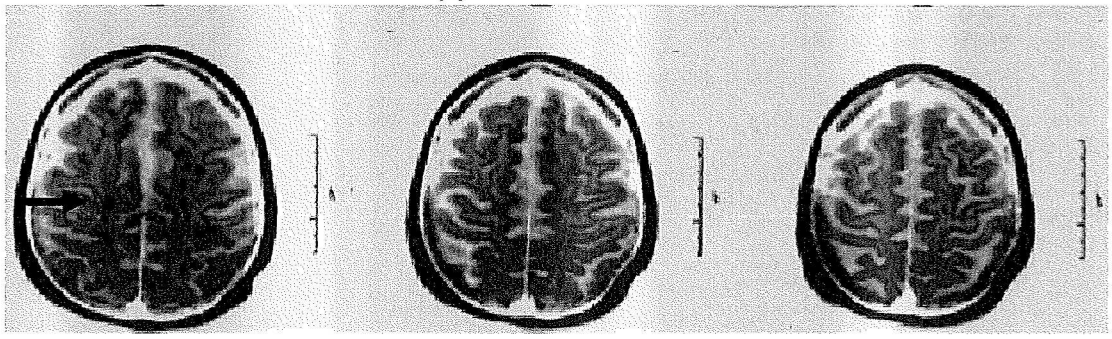
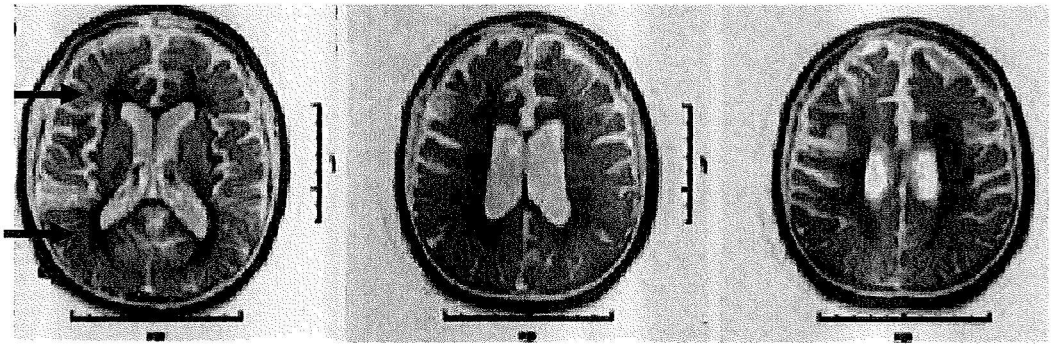


FIGURE 16a

Before stem cell therapy



6 months after stem cell therapy

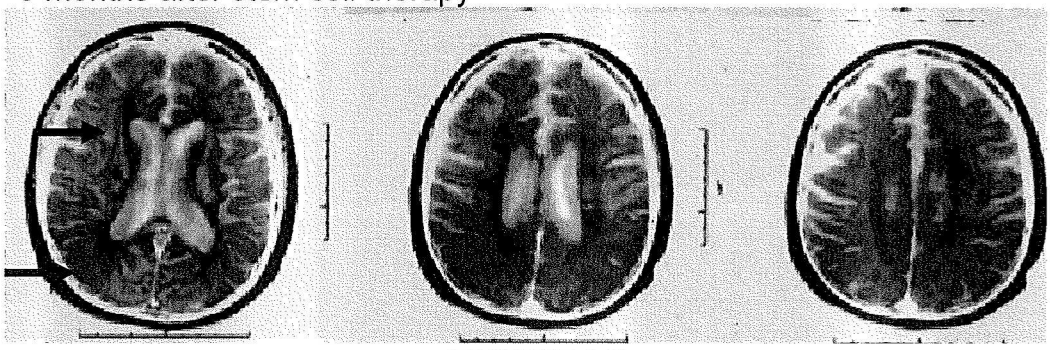


FIGURE 16b

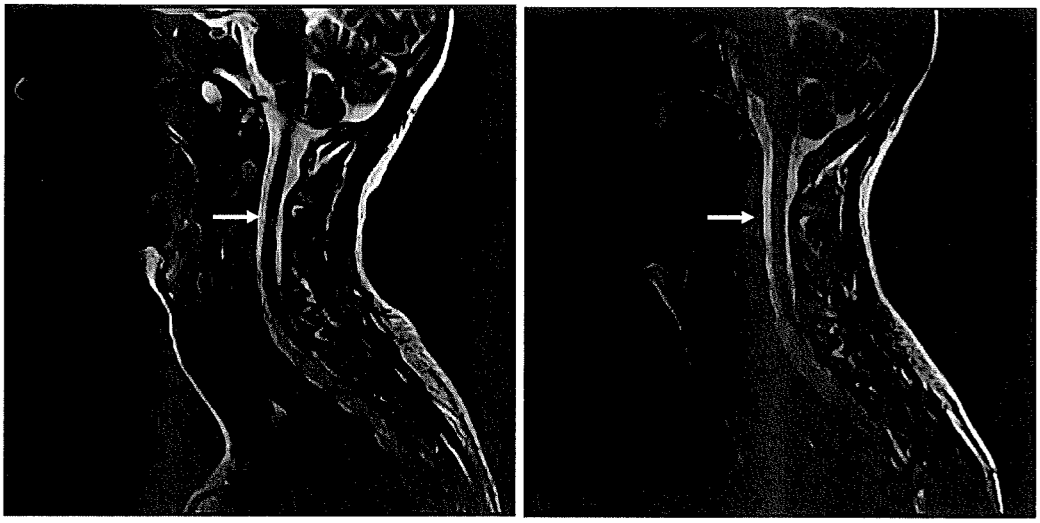


FIGURE 17a

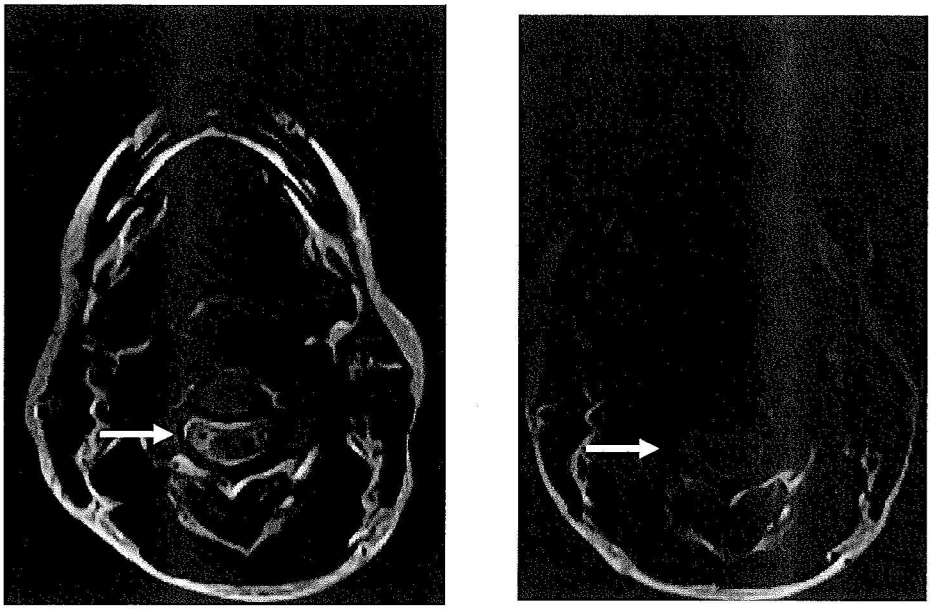


FIGURE 17b

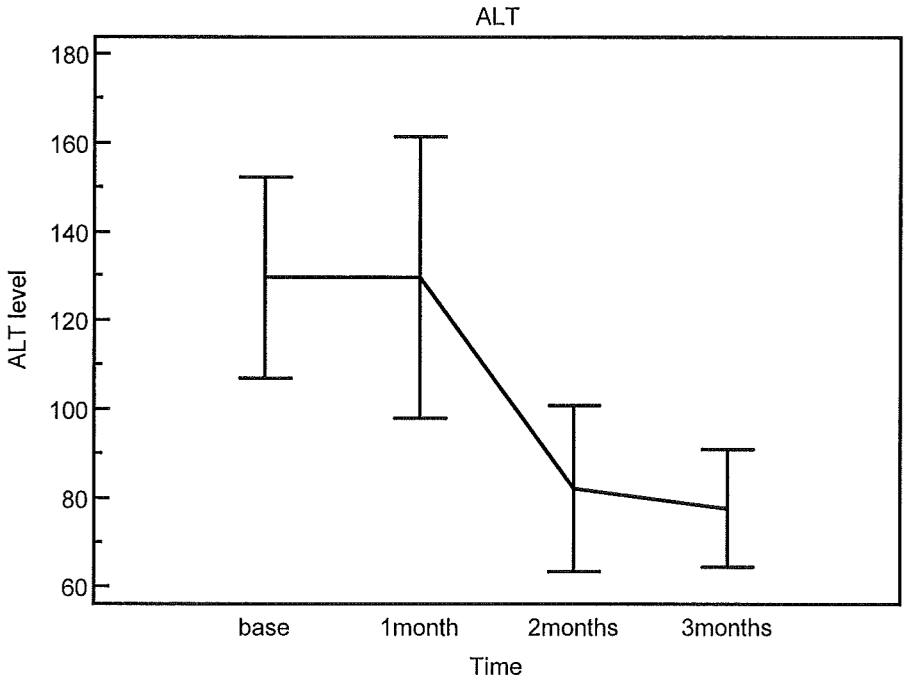


FIGURE 18a

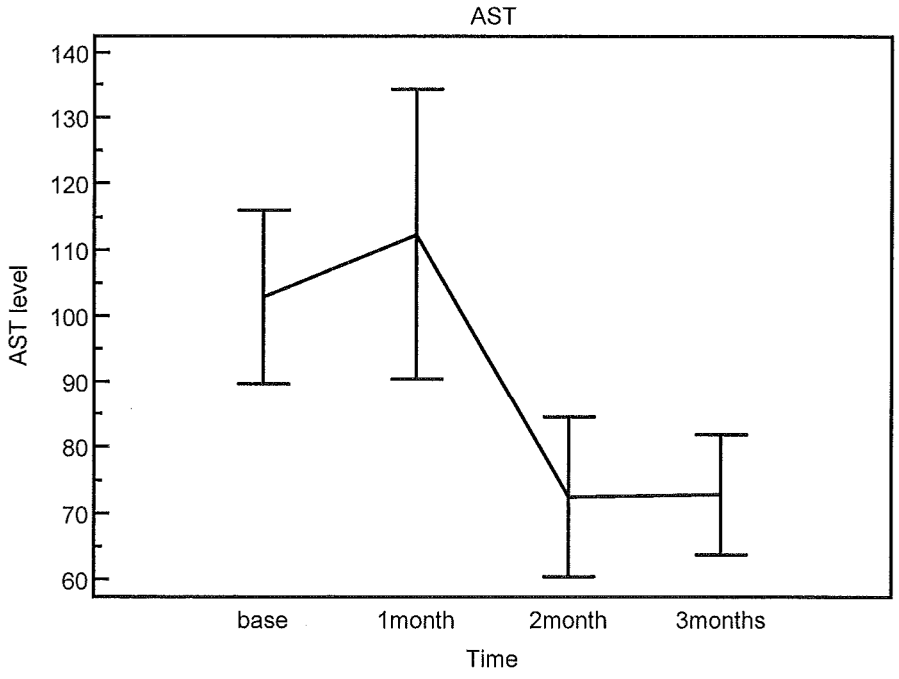
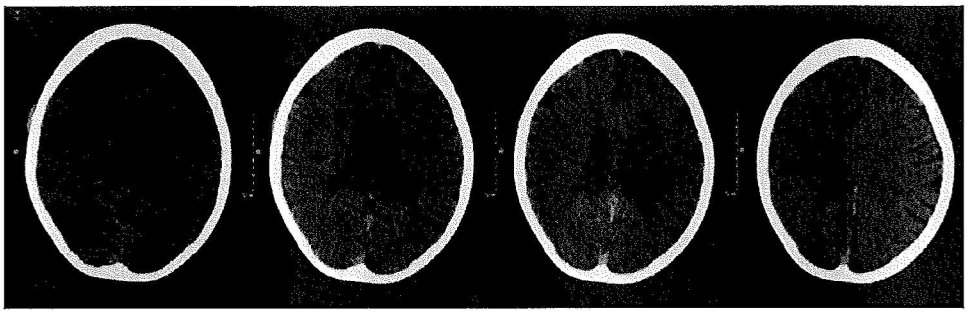


FIGURE 18b

Before treatment



After treatment



FIGURE 19a

Before treatment



After treatment

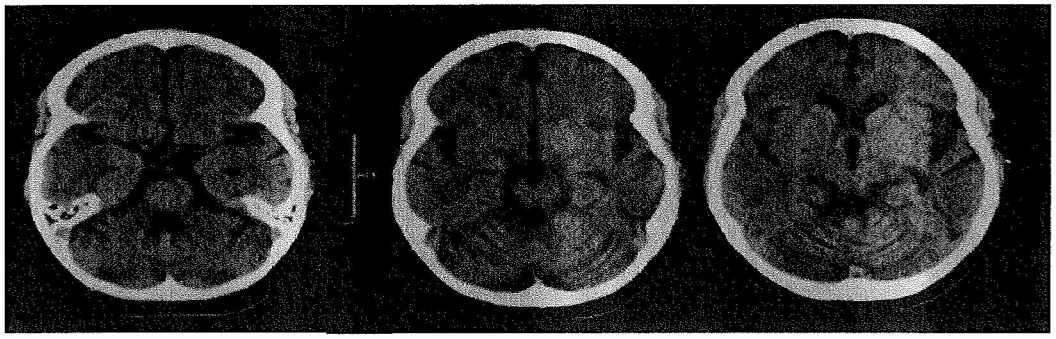


FIGURE 19b

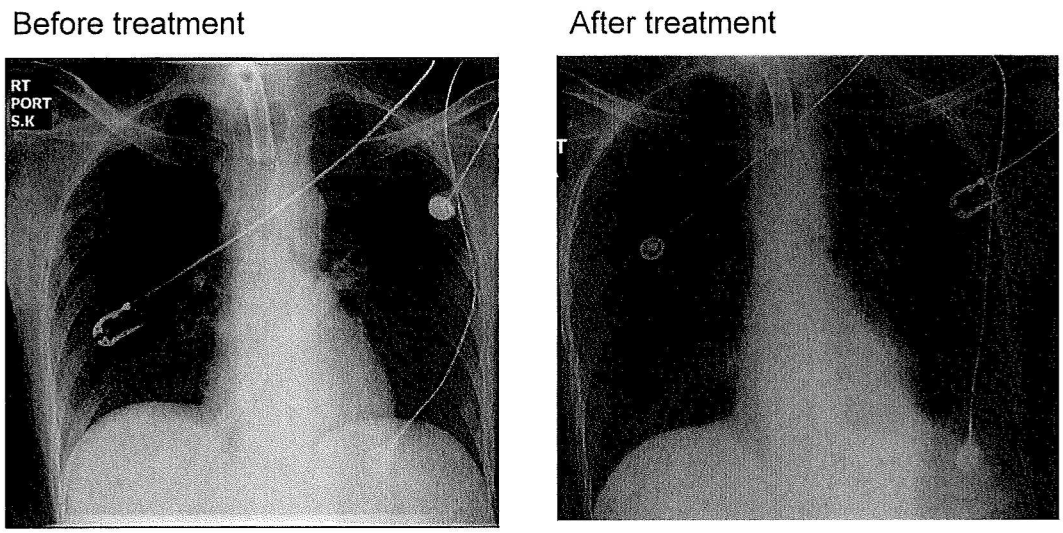


FIGURE 20

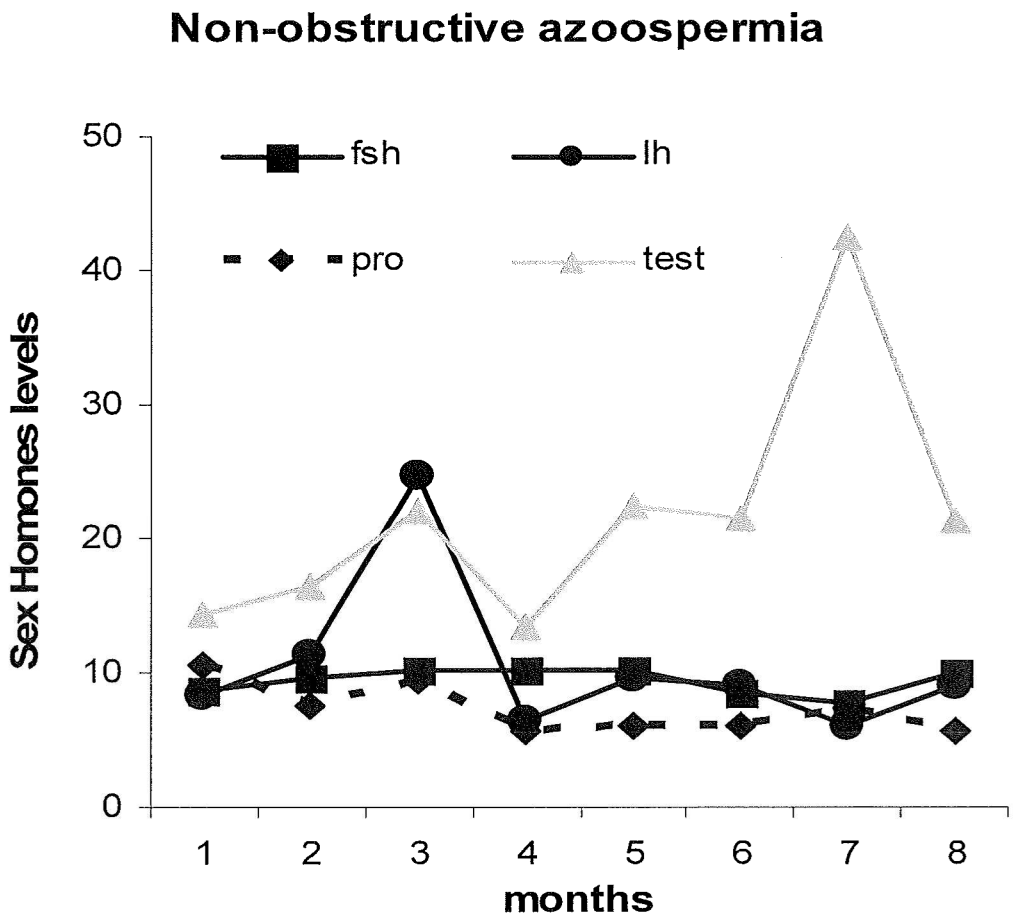
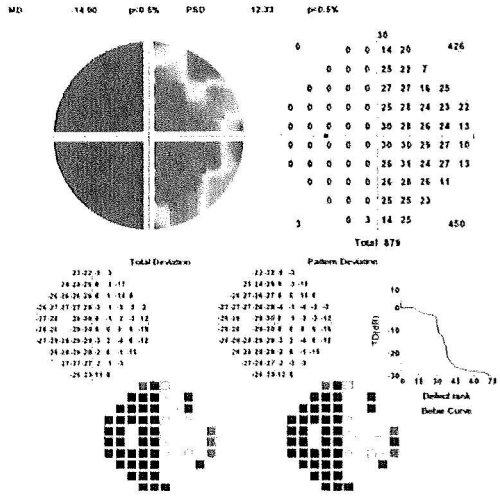

Non-obstructive azoospermia
Sex Homones levels
50
40
30
20
10
0
fsh
lh
pro
test
1
2
3
4
5
6
7
8
months

FIGURE 21

Before Treatment

Retinal Sensitivity

Visual Impairment



After Treatment

Retinal Sensitivity

Visual Impairment

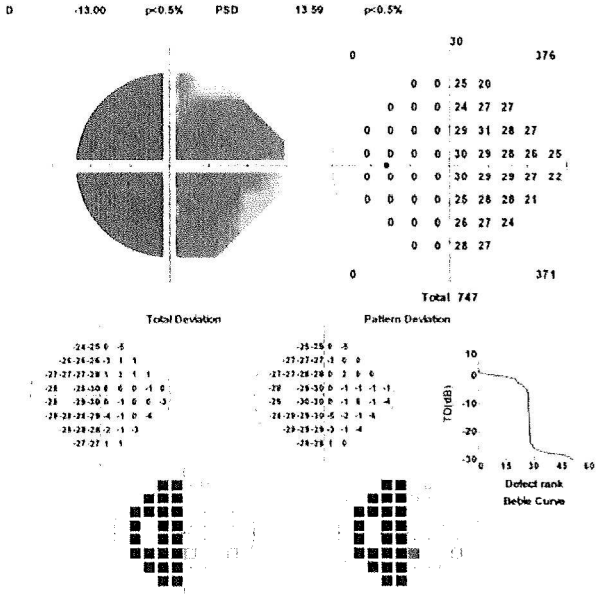


FIGURE 22