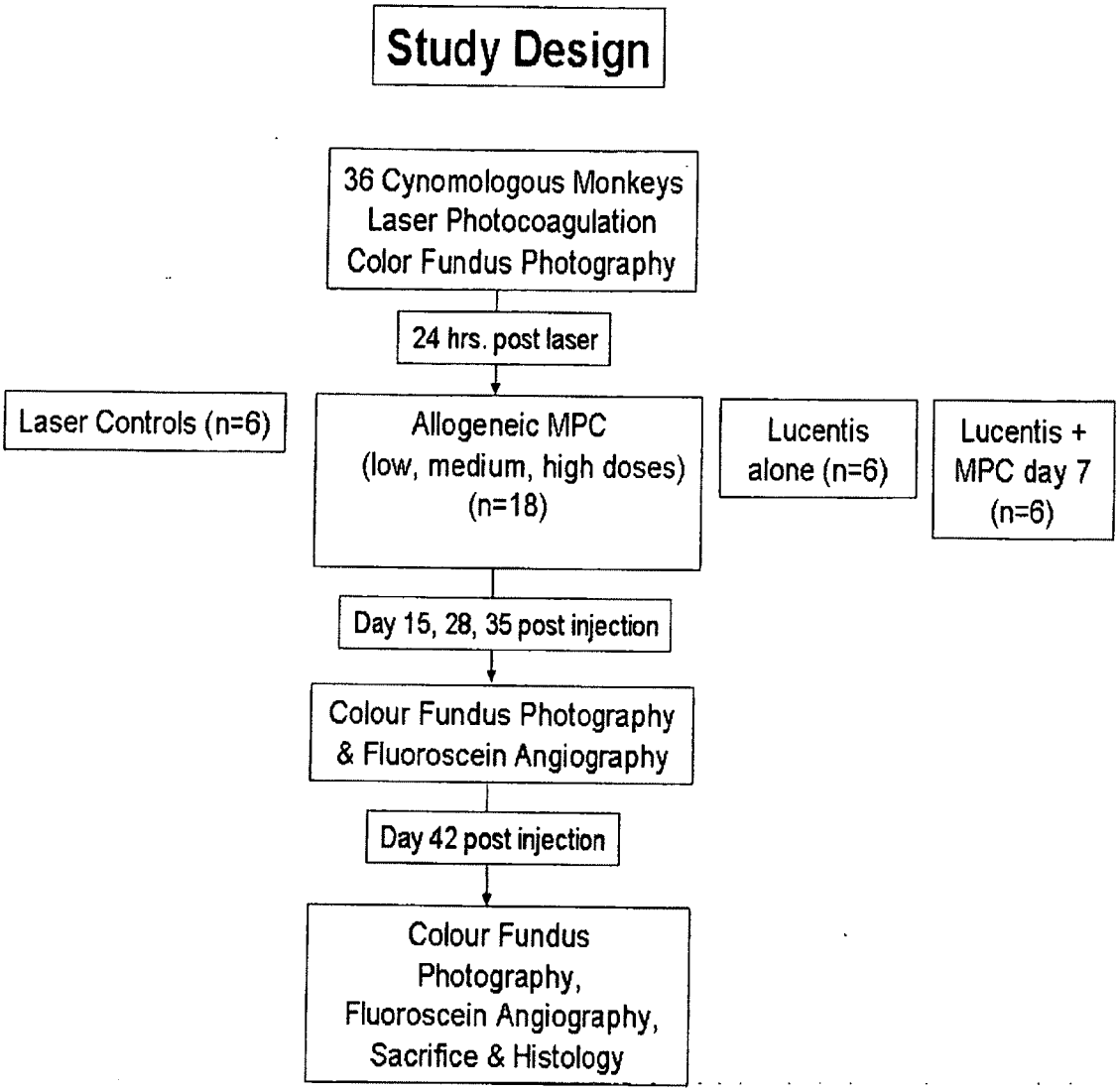

Study Design
36 Cynomologous Monkeys
Laser Photocoagulation
Color Fundus Photography
24 hrs. post laser
Laser Controls (n=6)
Allogeneic MPC
(low, medium, high doses)
(n=18)
Lucentis
alone (n=6)
Lucentis +
MPC day 7
(n=6)
Day 15, 28, 35 post injection
Colour Fundus Photography
& Fluoroscein Angiography
Day 42 post injection
Colour Fundus
Photography,
Fluoroscein Angiography,
Sacrifice & Histology

Figure 1

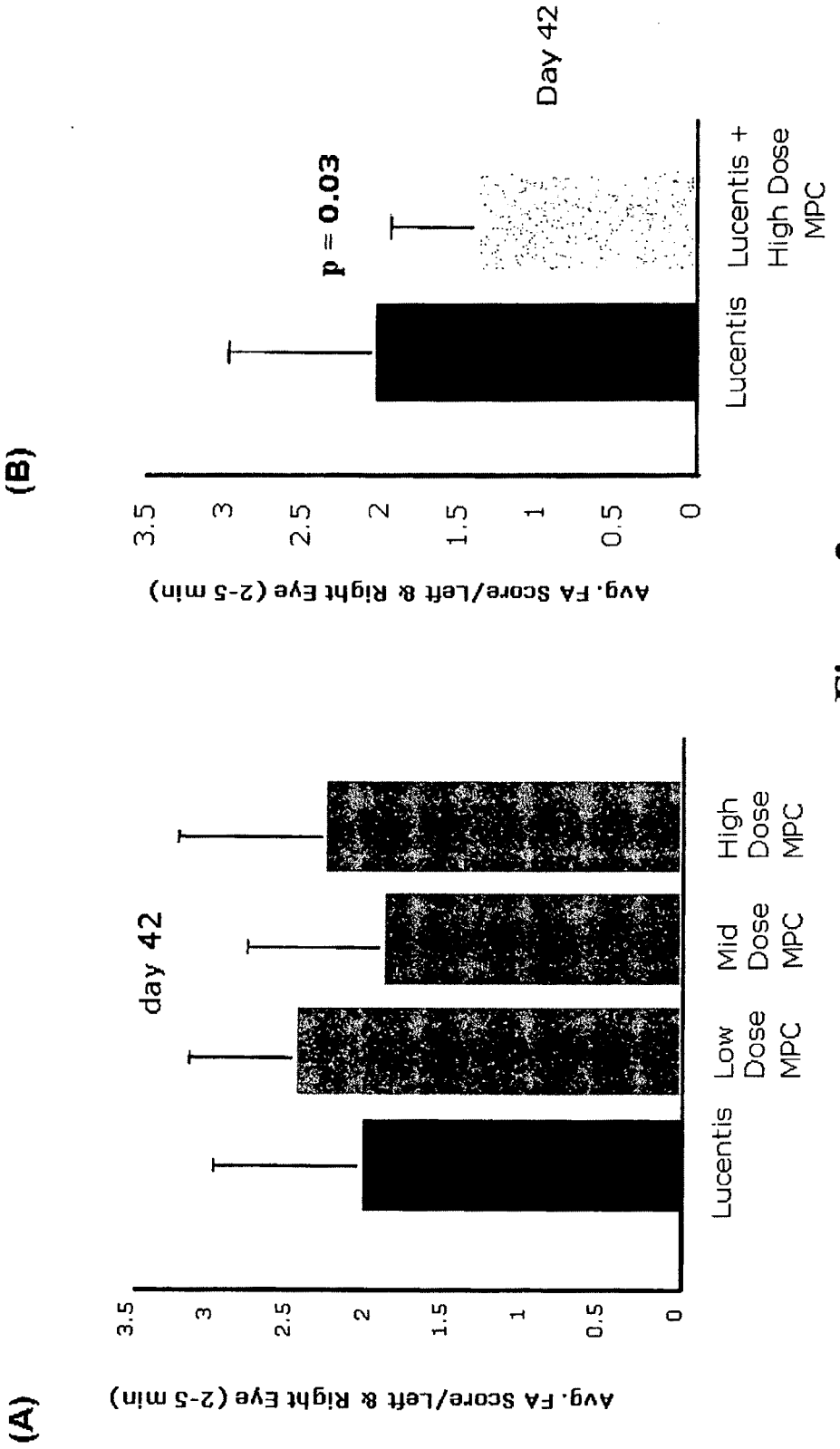

(A)
Avg. FA Score/Left & Right Eye (2-5 min)
3.5
3
2.5
2
1.5
1
0.5
0
day 42
Lucentis
Low Dose MPC
Mid Dose MPC
High Dose MPC
(B)
Avg. FA Score/Left & Right Eye (2-5 min)
3.5
3
2.5
2
1.5
1
0.5
0
p = 0.03
Day 42
Lucentis
Lucentis + High Dose MPC

Figure 2

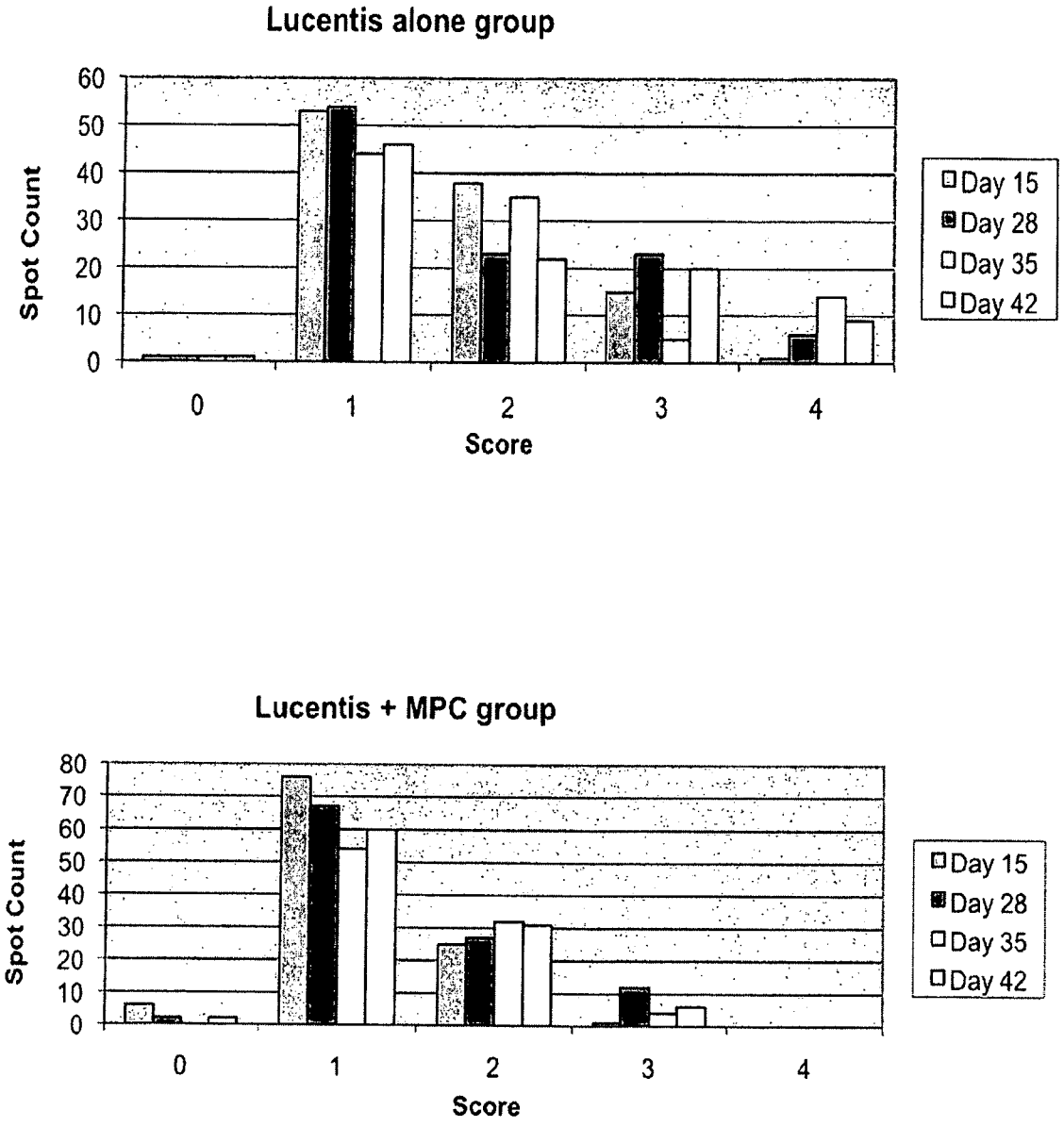

Lucentis alone group
Spot Count
60
50
40
30
20
10
0
0
1
2
3
4
Score
Day 15
Day 28
Day 35
Day 42
Lucentis + MPC group
Spot Count
80
70
60
50
40
30
20
10
0
0
1
2
3
4
Score
Day 15
Day 28
Day 35
Day 42

Figure 3

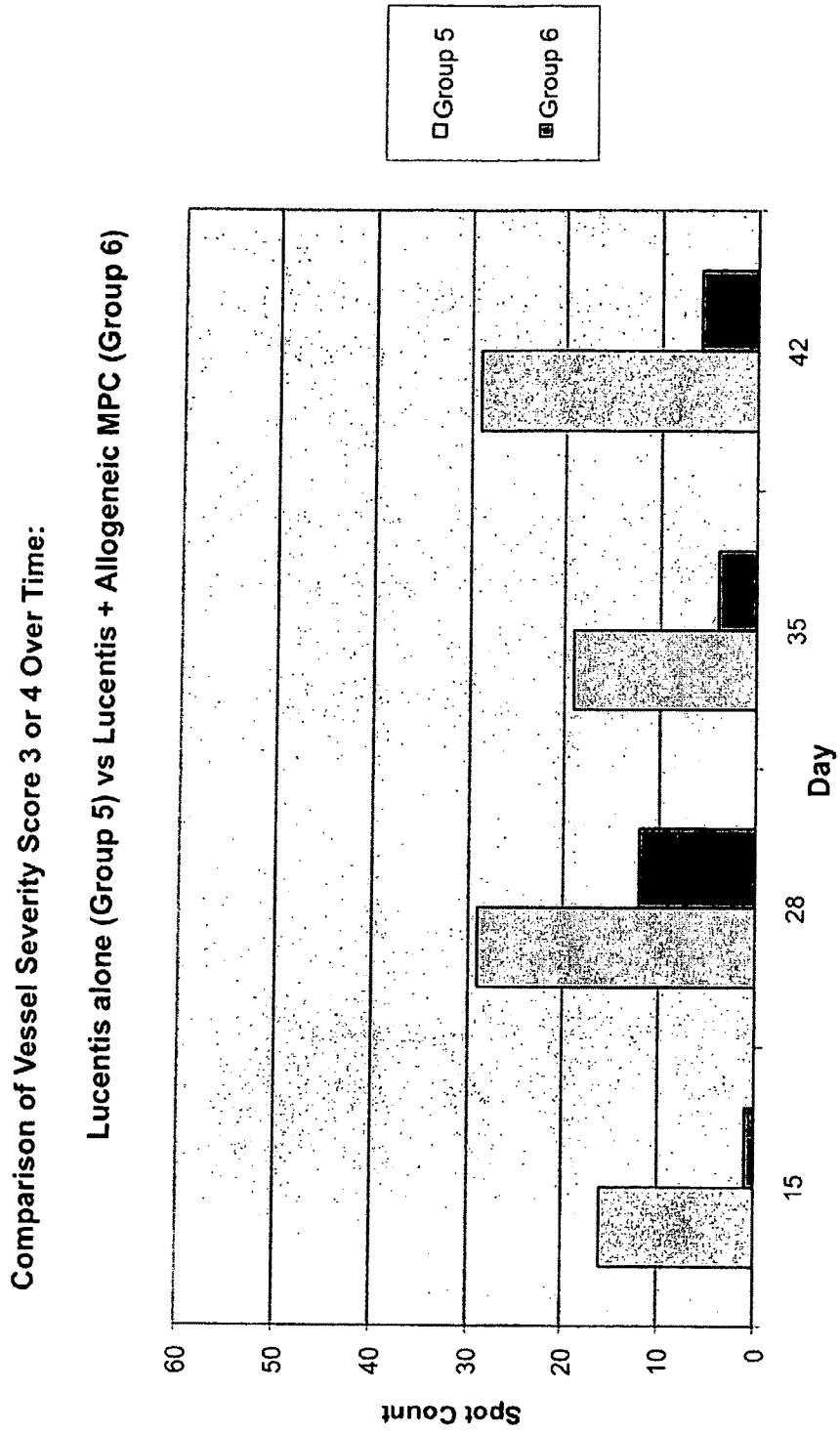

Comparison of Vessel Severity Score 3 or 4 Over Time:
Lucentis alone (Group 5) vs Lucentis + Allogeneic MPC (Group 6)
Group 5
Group 6
Spot Count
0
10
20
30
40
50
60
15
28
35
42
Day

Figure 4

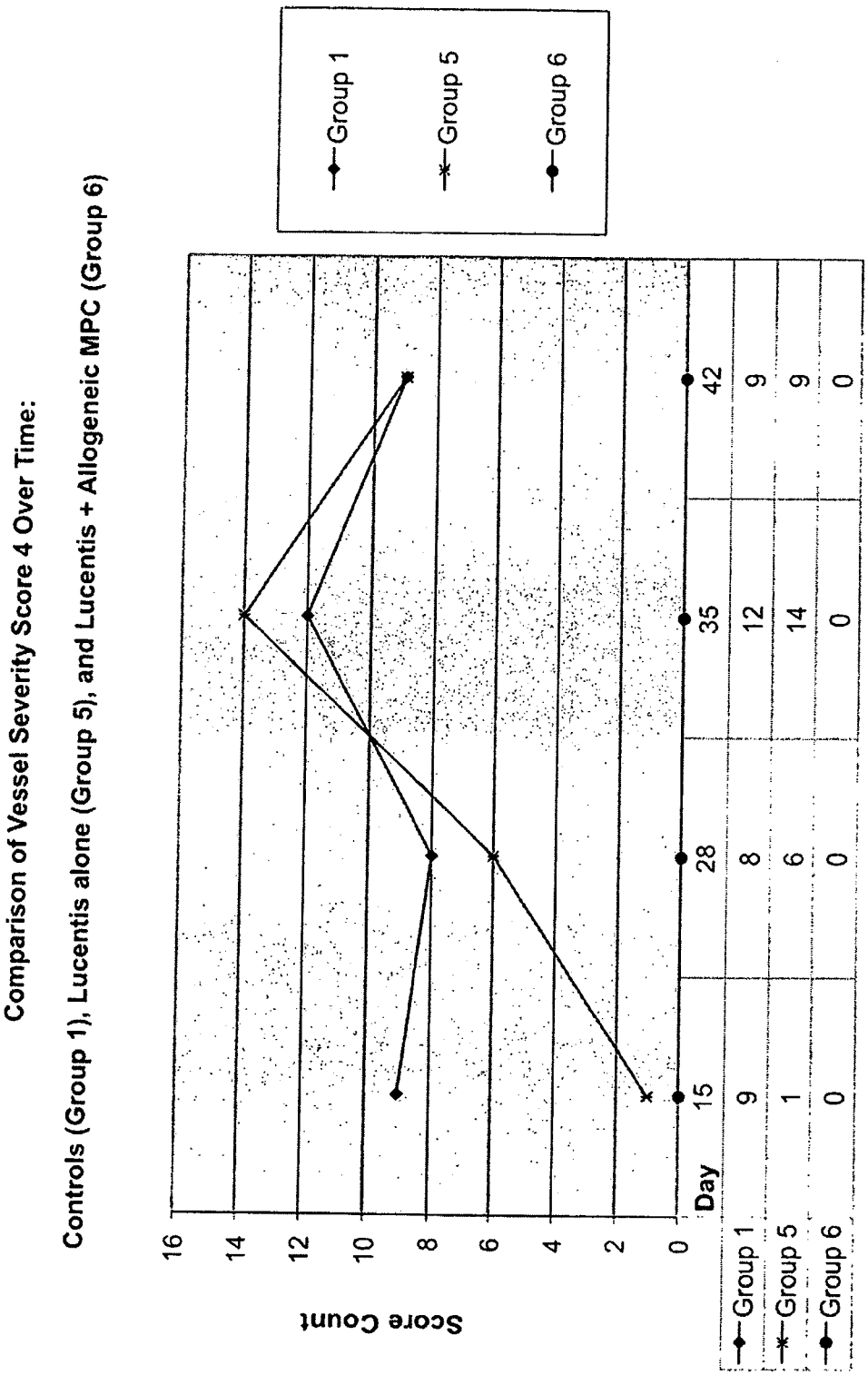

Comparison of Vessel Severity Score 4 Over Time:
Controls (Group 1), Lucentis alone (Group 5), and Lucentis + Allogeneic MPC (Group 6)
Group 1
Group 5
Group 6
Score Count
16
14
12
10
8
6
4
2
0
Day
15
28
35
42
Group 1
9
8
12
9
Group 5
1
6
14
9
Group 6
0
0
0
0

Figure 5

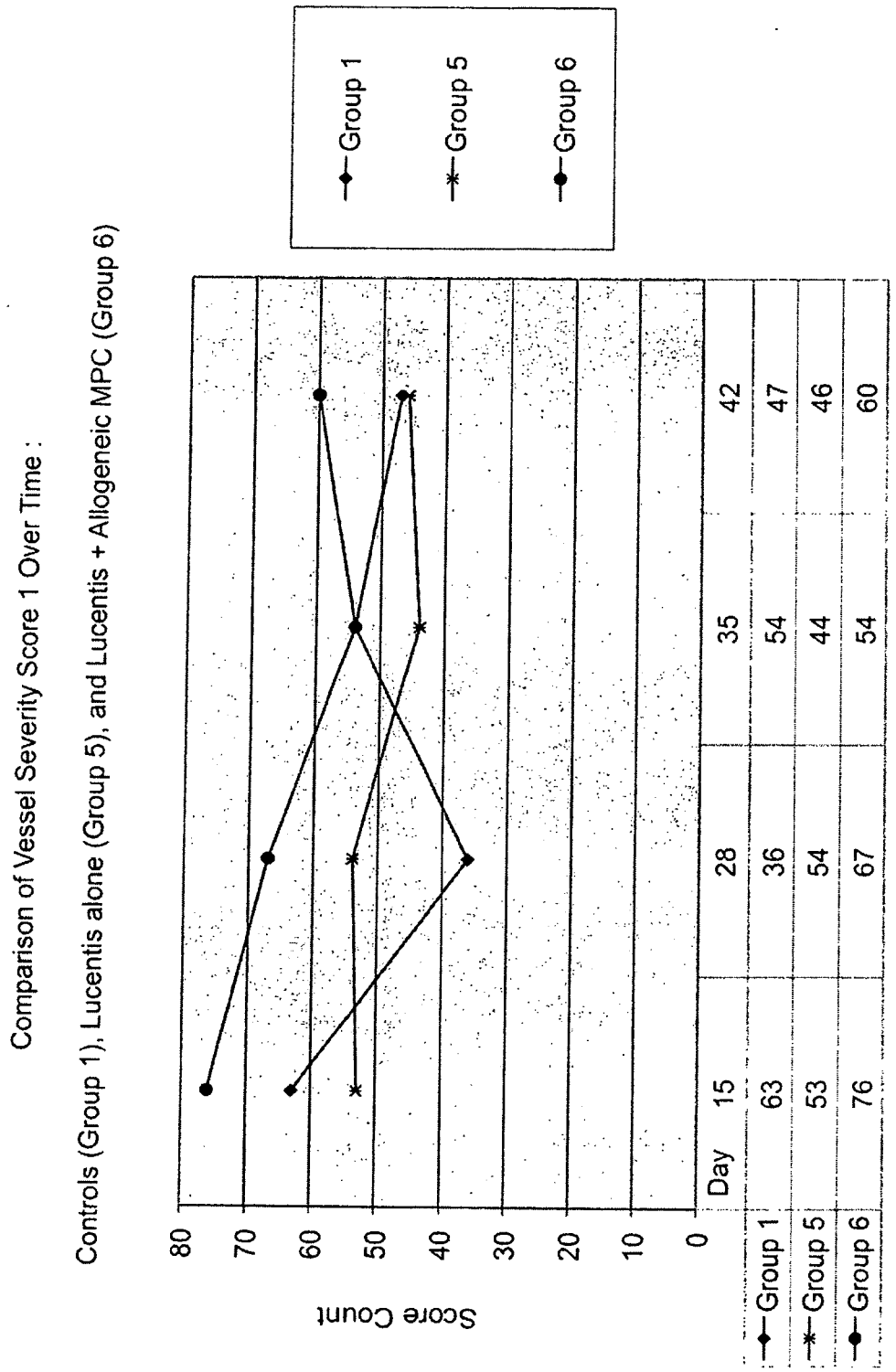

Comparison of Vessel Severity Score 1 Over Time :
Controls (Group 1), Lucentis alone (Group 5), and Lucentis + Allogeneic MPC (Group 6)
Score Count
80
70
60
50
40
30
20
10
0
Group 1
Group 5
Group 6
Day 15 28 35 42
Group 1 63 36 54 47
Group 5 53 54 44 46
Group 6 76 67 54 60

Figure 6

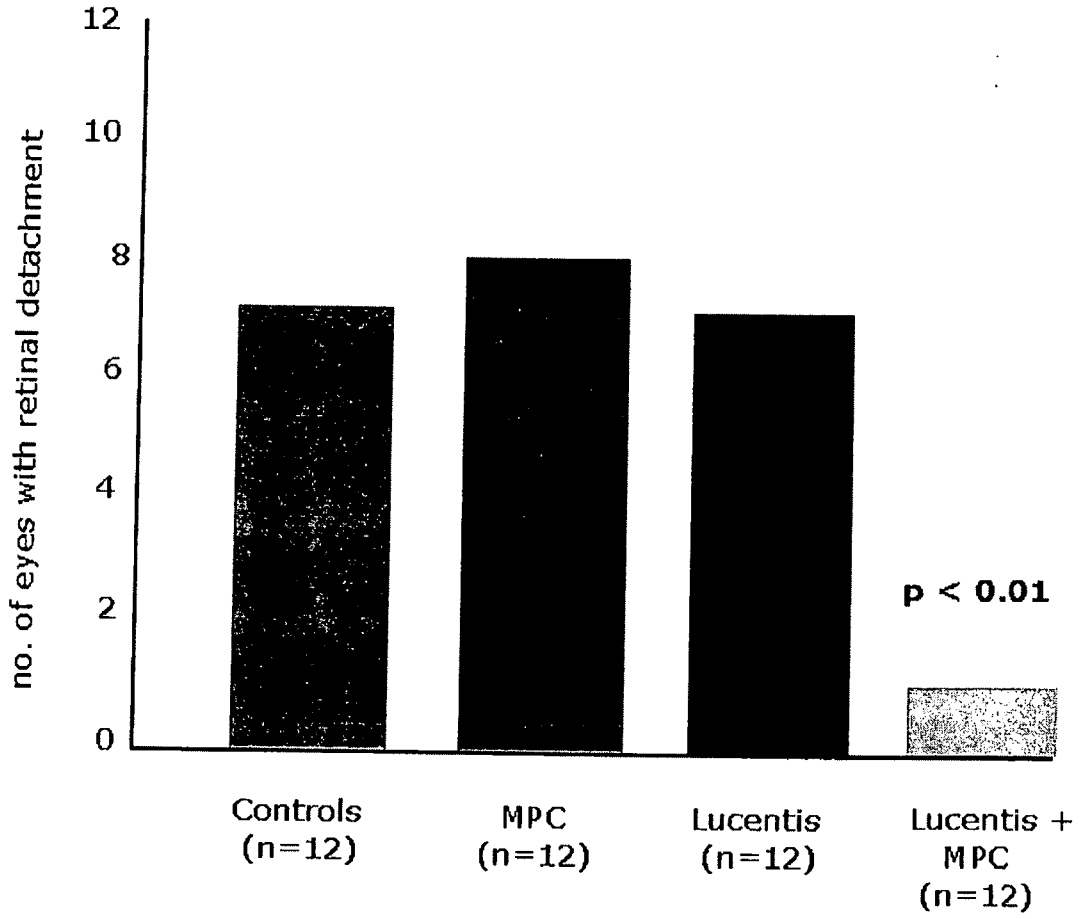

12
10
8
6
4
2
0
no. of eyes with retinal detachment
p < 0.01
Controls (n=12)
MPC (n=12)
Lucentis (n=12)
Lucentis + MPC (n=12)

Figure 7

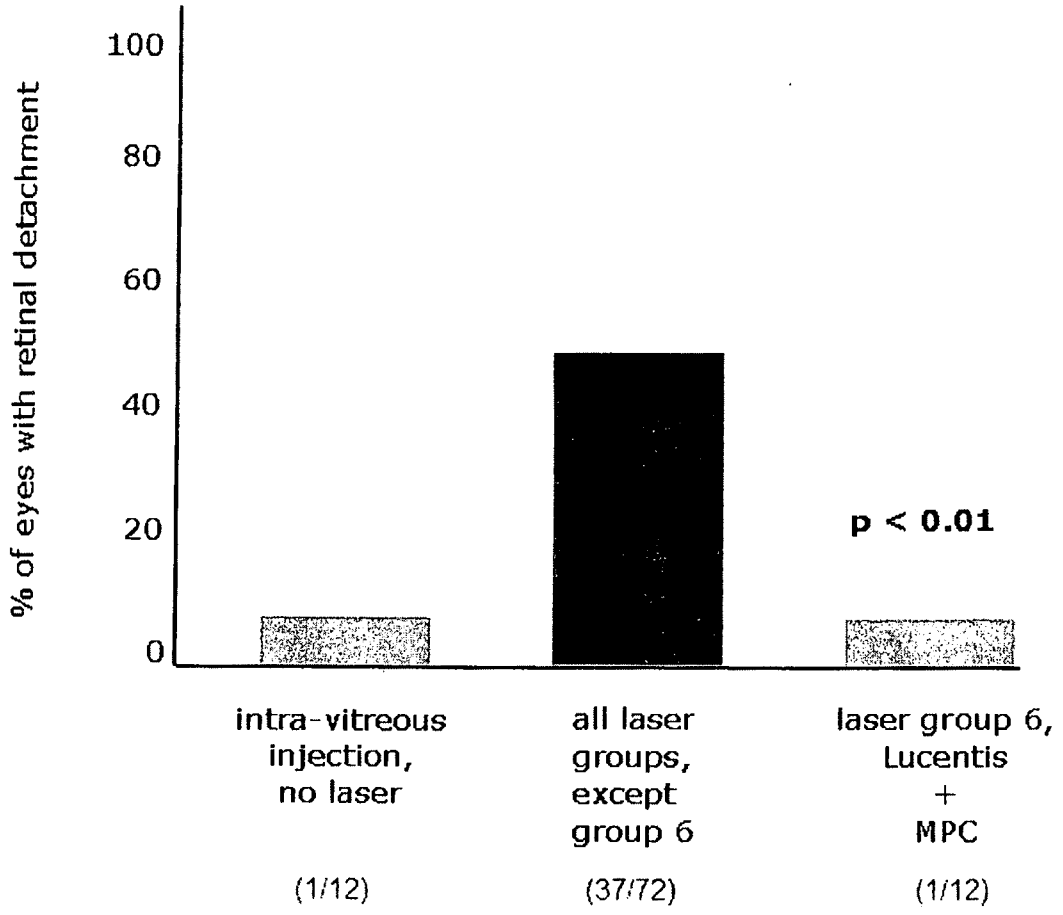

% of eyes with retinal detachment
100
80
60
40
20
0
p < 0.01
intra-vitreous injection, no laser
(1/12)
all laser groups, except group 6
(37/72)
laser group 6, Lucentis + MPC
(1/12)

Figure 8