Figure 1

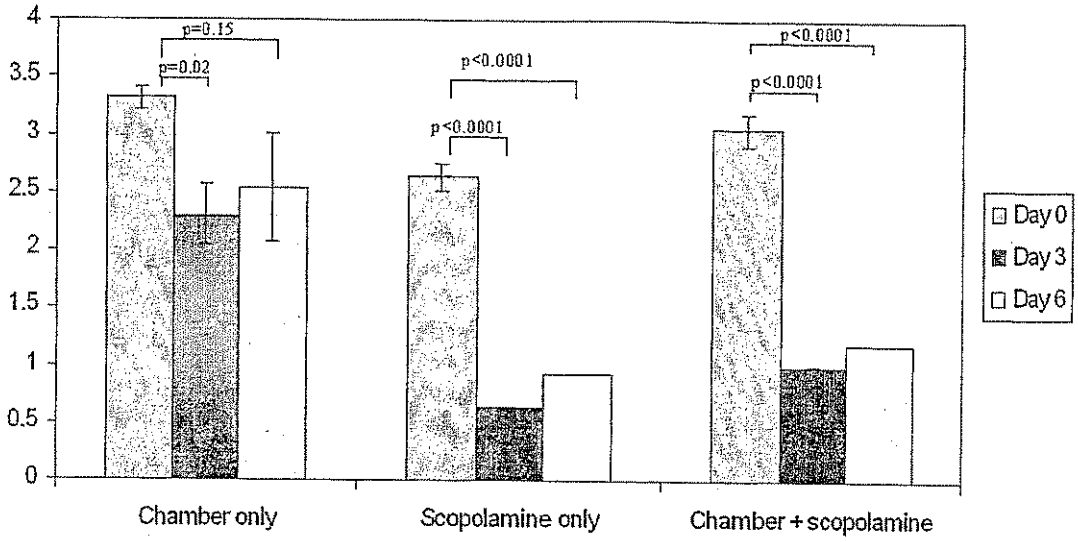

4
3.5
3
2.5
2
1.5
1
0.5
0
p=0.15
p=0.02
p<0.0001
p<0.0001
p<0.0001
p<0.0001
Chamber only
Scopolamine only
Chamber + scopolamine
Day 0
Day 3
Day 6

Figure 2

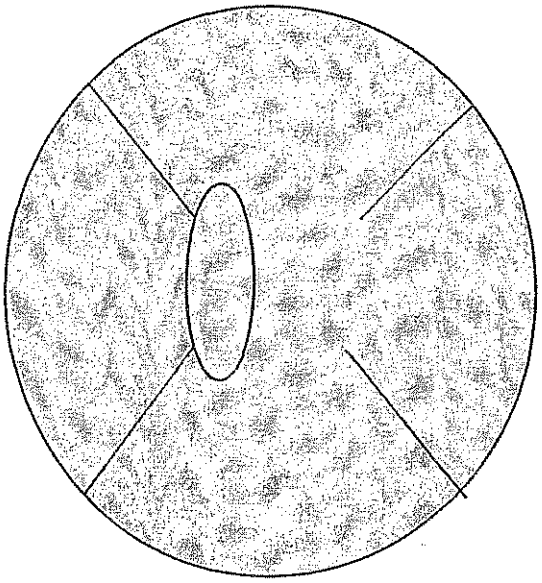


Figure 3

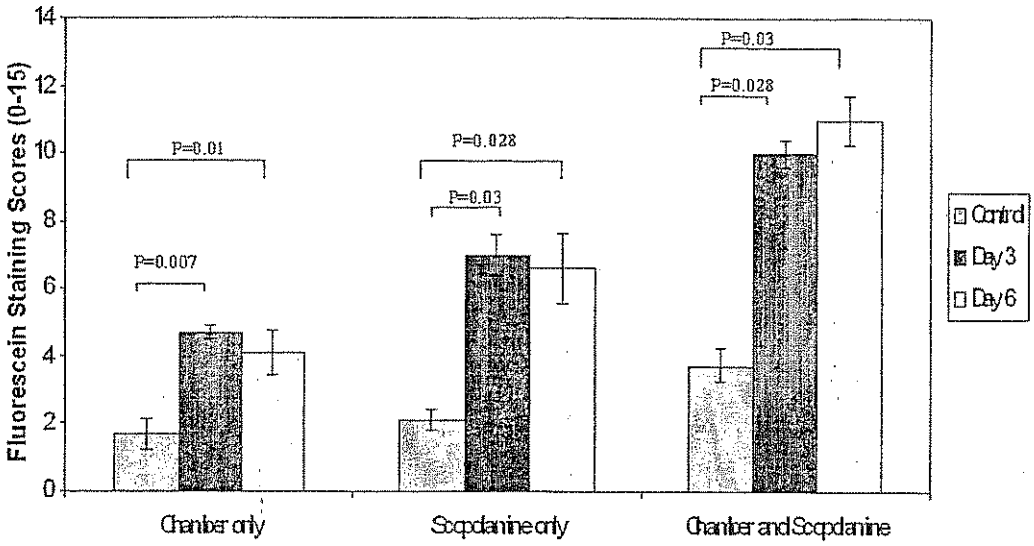

Fluorescein Staining Scores (0-15)
14
12
10
8
6
4
2
0
P=0.01
P=0.007
P=0.028
P=0.03
P=0.03
P=0.028
Chamber only
Scopolamine only
Chamber and Scopolamine
Control
Day 3
Day 6

Figure 4

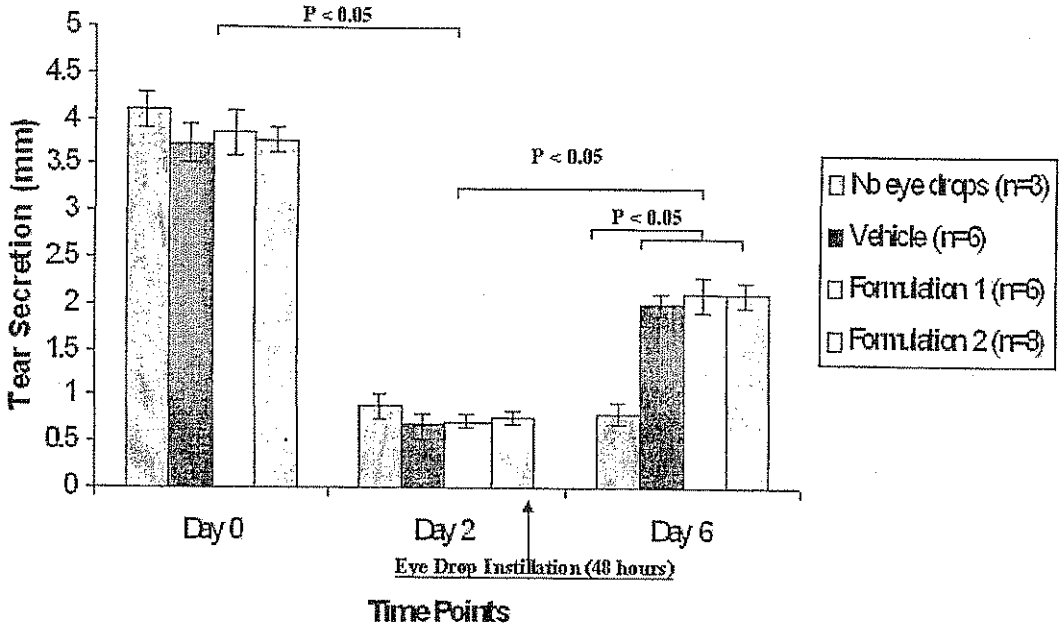

P < 0.05
P < 0.05
P < 0.05
Tear Secretion (mm)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Day 0
Day 2
Day 6
Eye Drop Instillation (48 hours)
Time Points
No eye drops (n=3)
Vehicle (n=6)
Formulation 1 (n=6)
Formulation 2 (n=3)

Figure 5

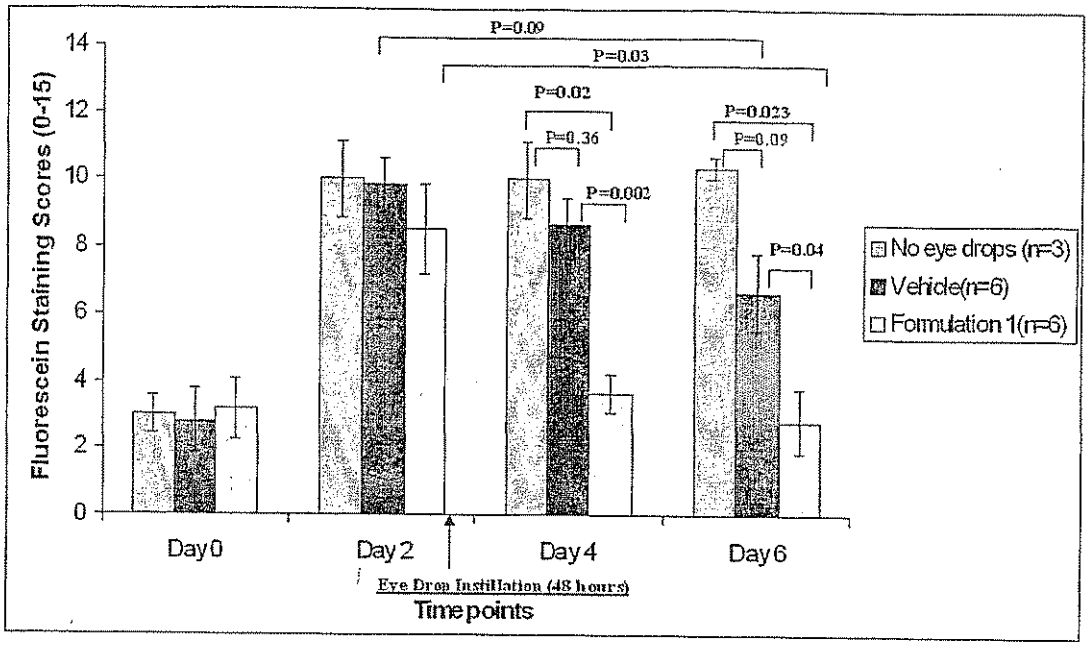

P=0.09
P=0.03
P=0.02
P=0.023
P=0.36
P=0.09
P=0.002
P=0.04
Fluorescein Staining Scores (0-15)
14
12
10
8
6
4
2
0
Day0
Day2
Day4
Day6
Eye Drop Instillation (48 hours)
Timepoints
No eye drops (n=3)
Vehicle(n=6)
Formulation 1(n=6)

Figure 6

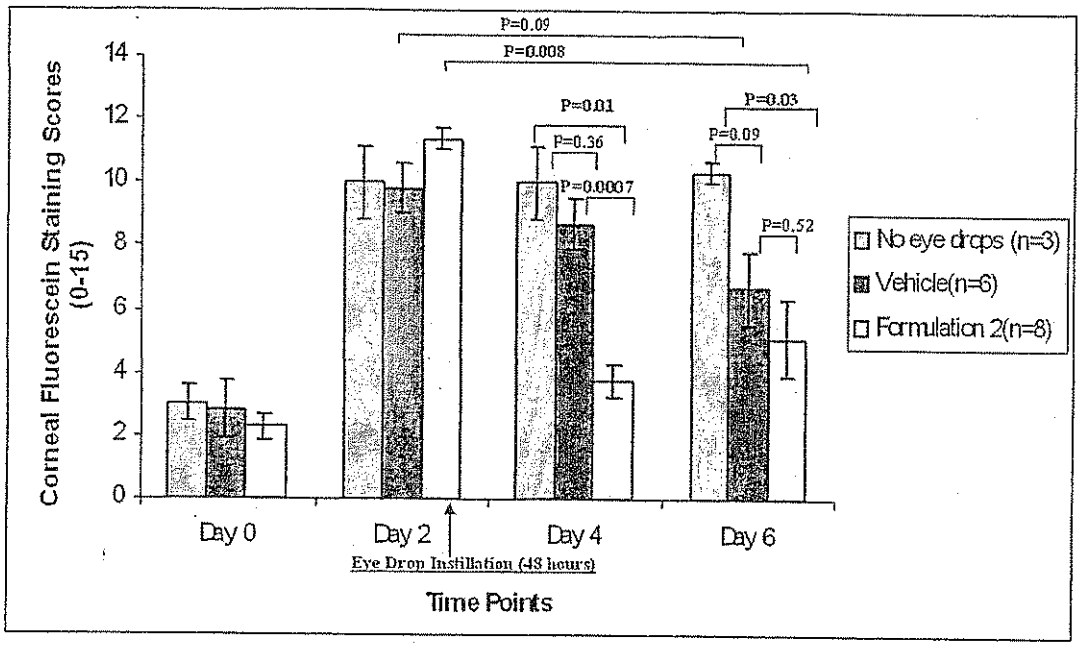
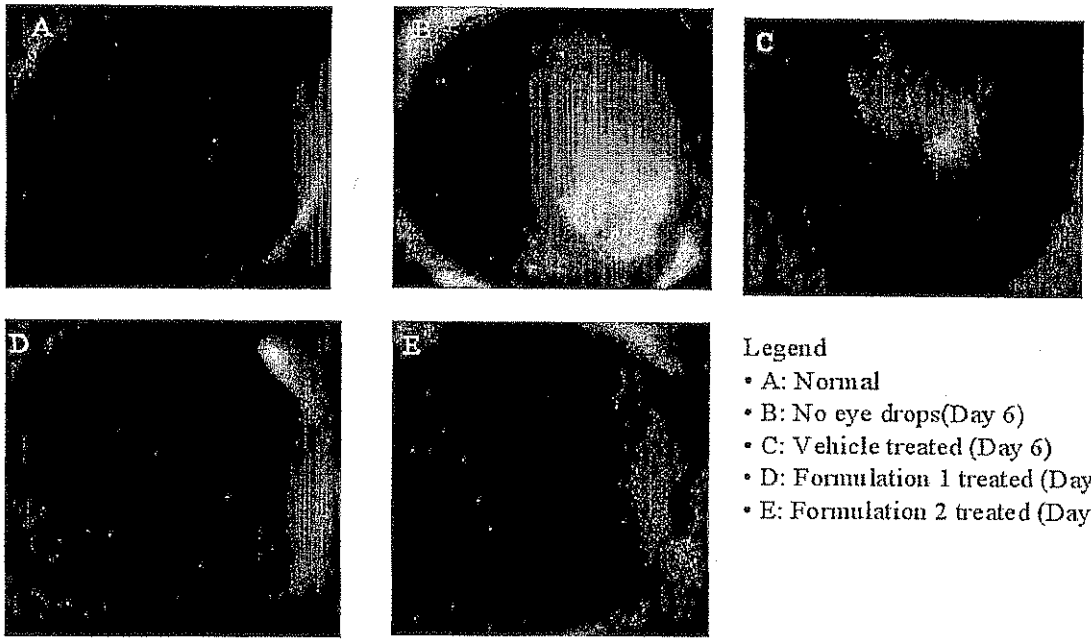
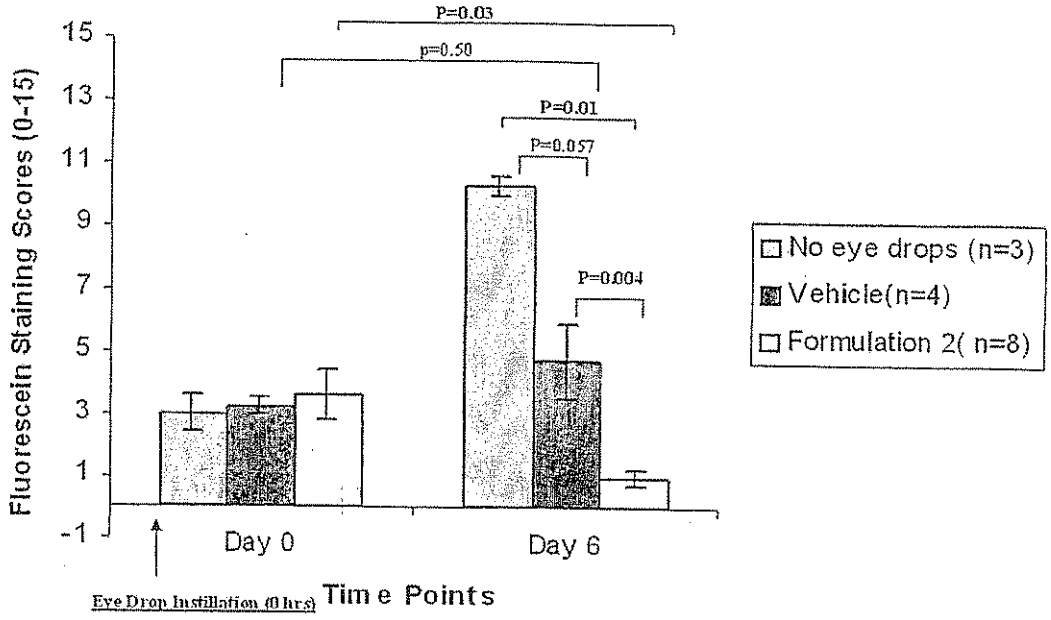

Corneal Fluorescein Staining Scores (0-15)
14
12
10
8
6
4
2
0
P=0.09
P=0.008
P=0.01
P=0.36
P=0.0007
P=0.03
P=0.09
P=0.52
Day 0
Day 2
Day 4
Day 6
Eye Drop Instillation (48 hours)
Time Points
No eye drops (n=3)
Vehicle(n=6)
Formulation 2(n=8)

Figure 7



Legend
- A: Normal
- B: No eye drops(Day 6)
- C: Vehicle treated (Day 6)
- D: Formulation 1 treated (Day6)
- E: Formulation 2 treated (Day 6)

Figure 8


P=0.03
p=0.50
P=0.01
P=0.057
P=0.004
15
13
11
9
7
5
3
1
-1
Fluorescein Staining Scores (0-15)
Day 0
Day 6
Eye Drop Instillation (0 hrs)
Time Points
No eye drops (n=3)
Vehicle(n=4)
Formulation 2(n=8)