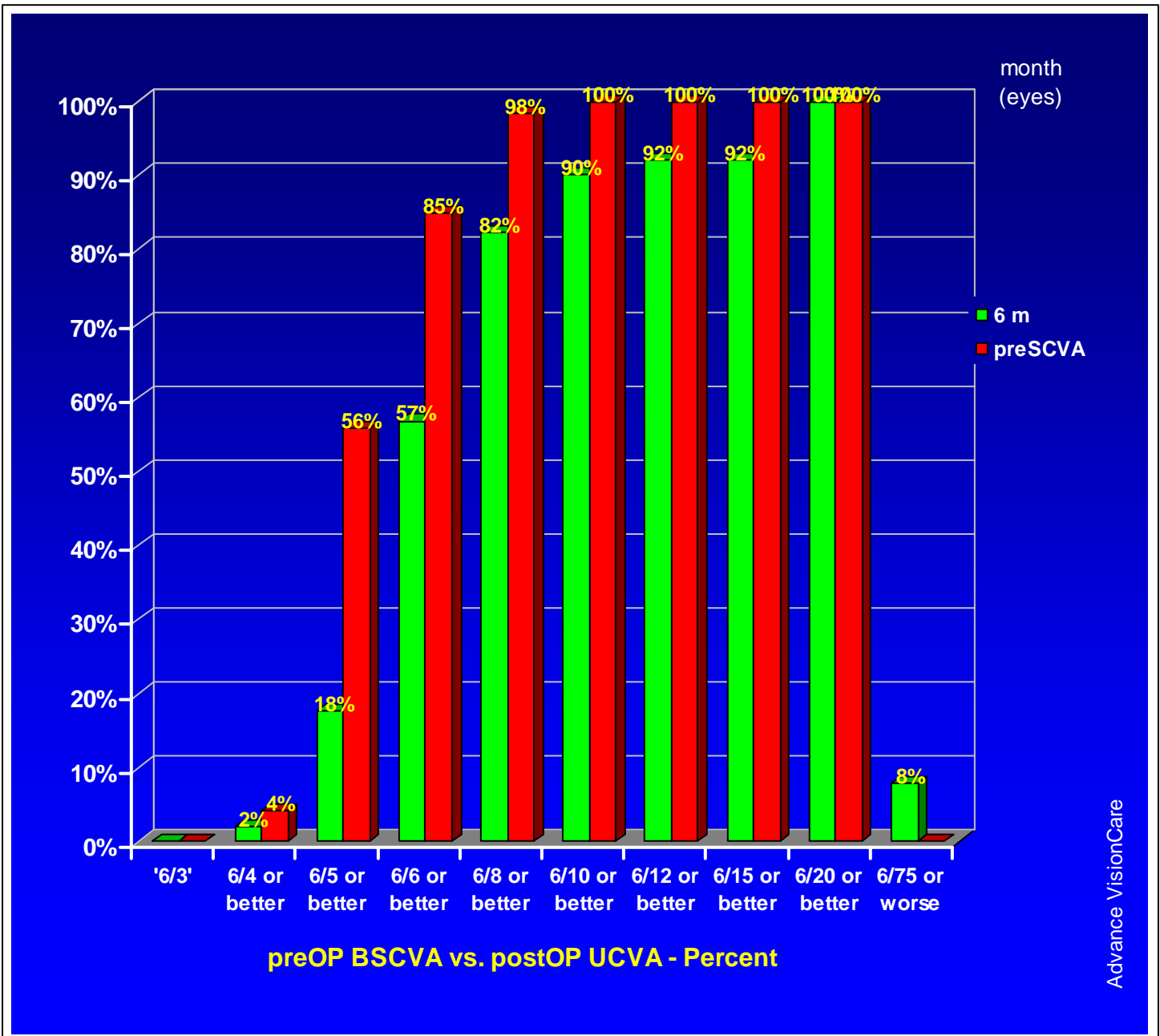




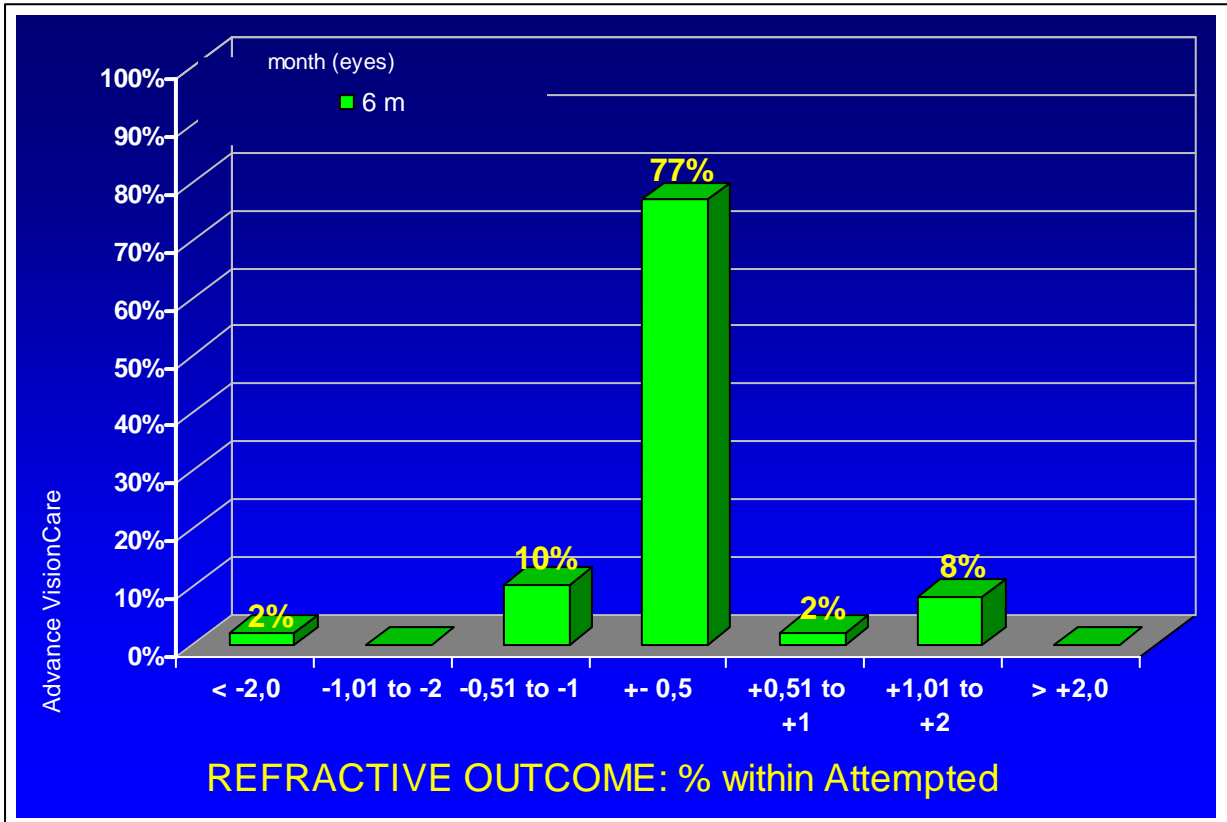
### Hyperopes ( long sightedness –Plus prescriptions)

The results of 120 patients were analysed. The mean age is 51 years old. 46.7% are females and 53.3% are males. All 120 patients had a 1 day, 1 week, 6 weeks, 3 months, 6 months and a one year follow up.

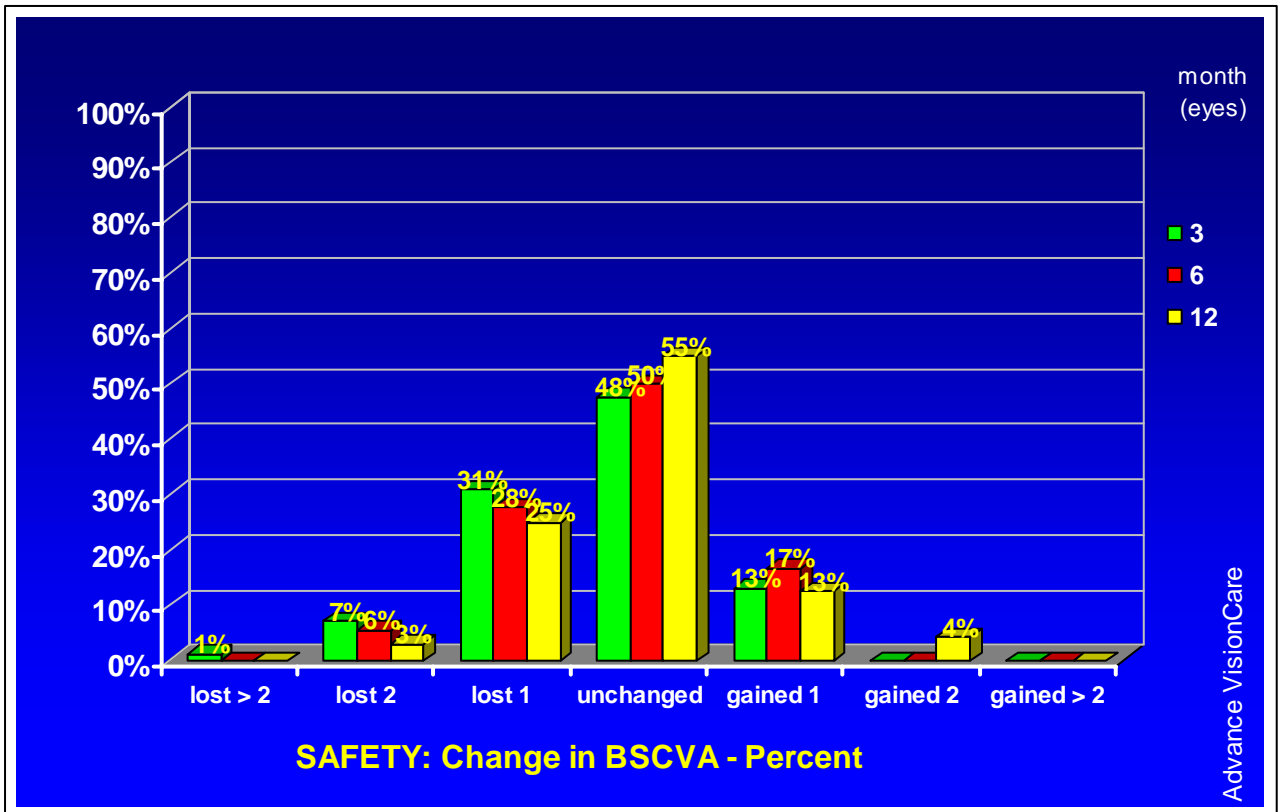
**Figure 1** is the uncorrected visual accuity bar graph for 6 months. The bar graph has two components. The pre-operative BCVA and the post op UCVA. The X axis represents the CVA and Y axis represents the percentage of eyes. 82% of the patients had 6/6 vision or better. **92% of our patients had achieved driving standard vision (6/12) in six months.**



**Figure 2** is a spherical equivalent refractive outcome bar graph. It represents the postoperative spherical equivalent refraction for 6 months after the refractive surgery. The gold standard for refractive outcome is to be within  $\pm 1.00D$  of the desired result. The percentage of patients who fall in the category of the gold standard is 90%.

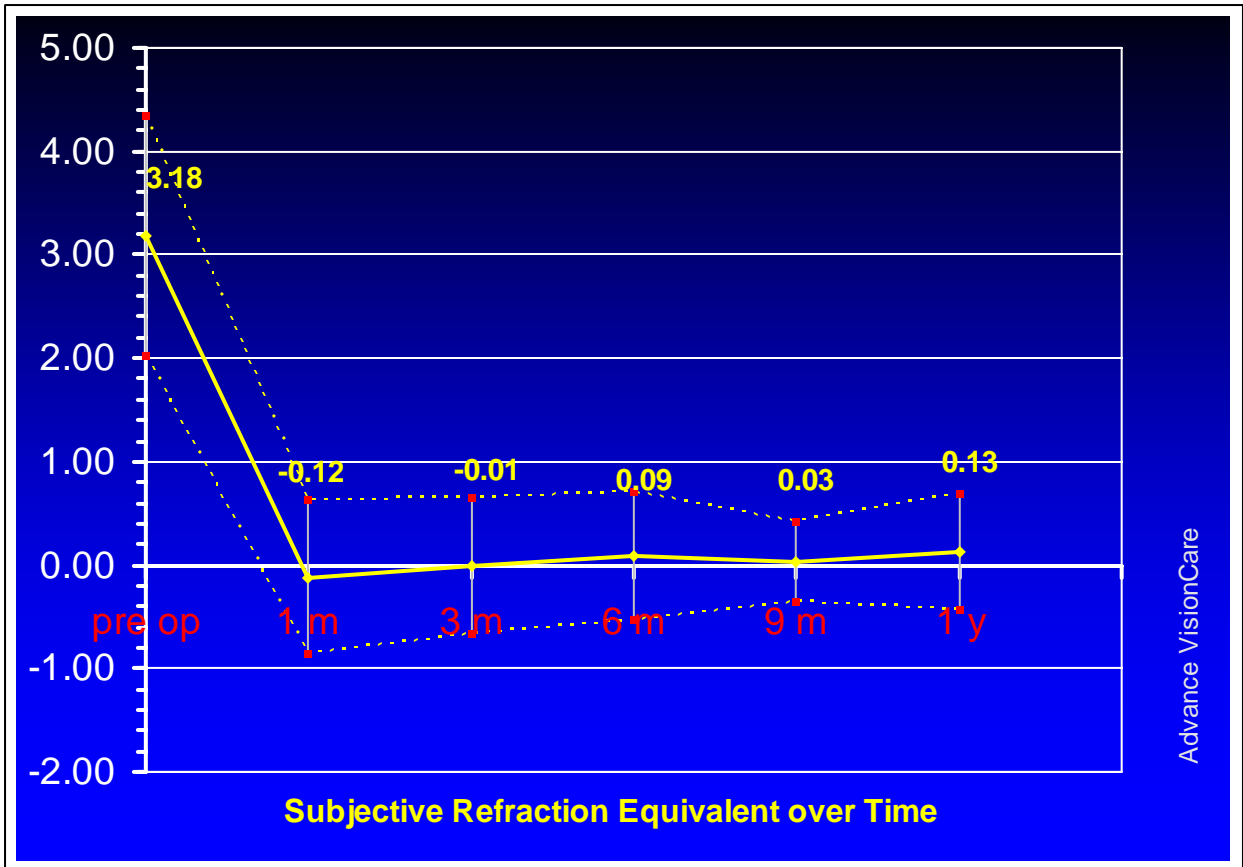


**Figure 3** represents the changes in BCVA bar graph. In the graph there are three bars, each for post operative appointment, i.e 3 months, 6 months and 1 year. The X axis represents the change in lines of visual acuity and the Y axis the percentage of eyes. After running the analysis it has been found that for 3 months 92% of the patients had a change of 1 line, for 6 months 95% and for 1 year 93%.



**Figure 4**

The last graph presented is the stability of refraction graph. There is strong stability after the surgery after 12 months indicating that the prescription does not change or regress in one year follow up.



**Figure 5** represent the defocus equivalent bar graph. The defocus equivalent bar graph is presented with the postoperative defocus refraction on the X axis and with the percentage of eyes on the Y axis. The defocus equivalent refraction is used according to Dr George Warring because its values represent more accurately the reality of the refractive state of the eye.

