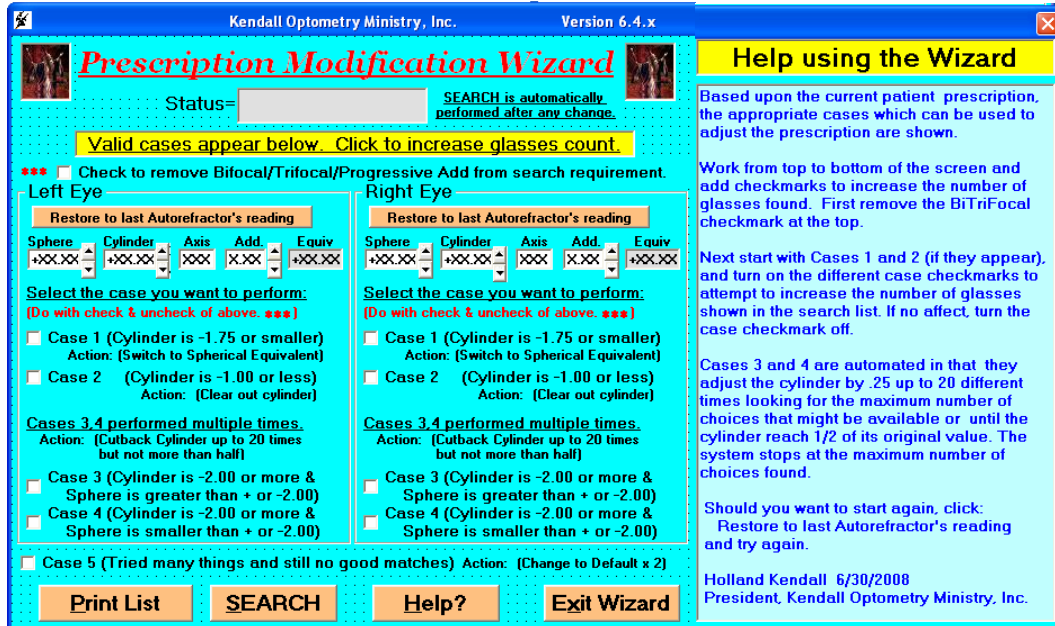
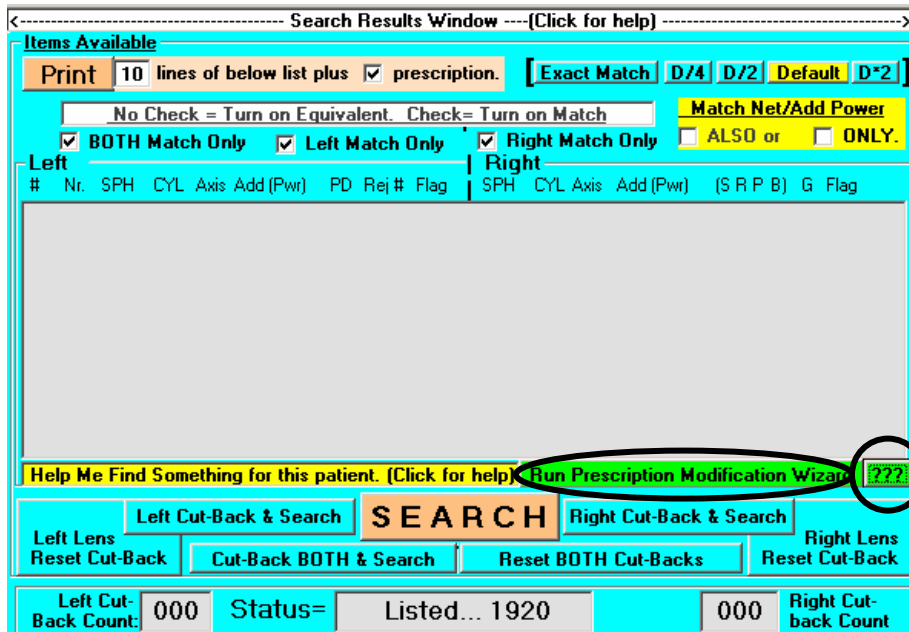


# The Prescription Modification Wizard.

This wizard is typically used when one searches for new glasses for a patient and finds few or none which match his/her current prescription. The purpose of this wizard is to modify that prescription in an acceptable fashion so that matches will now appear in the list. Here is what the full Wizard window displays with the help portion to the right:



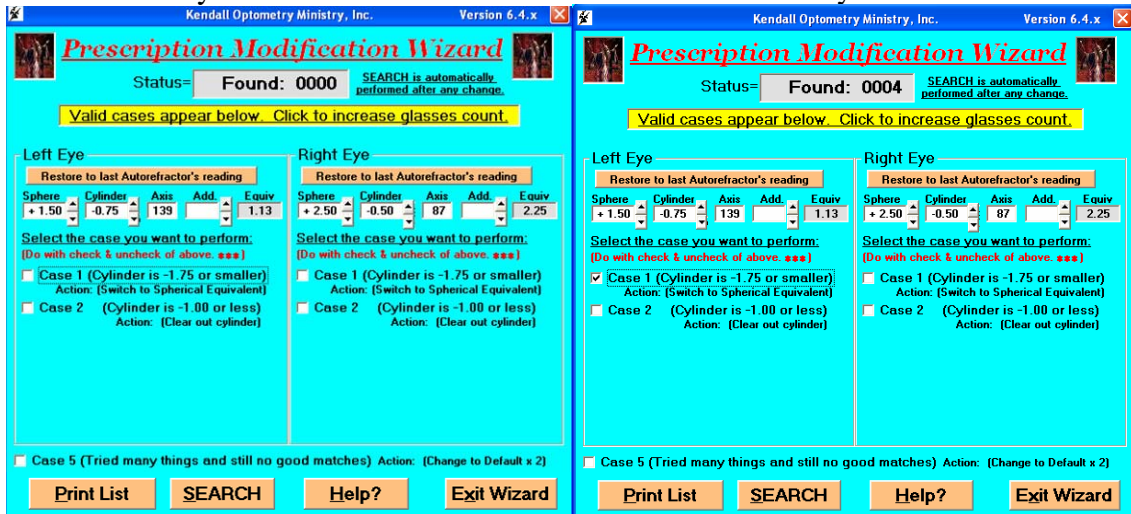
This wizard is initiated by clicking the button (off the main window ) that is circled below:



Here are a series of cases where this wizard is helpful.

Case 1 left eye not chosen

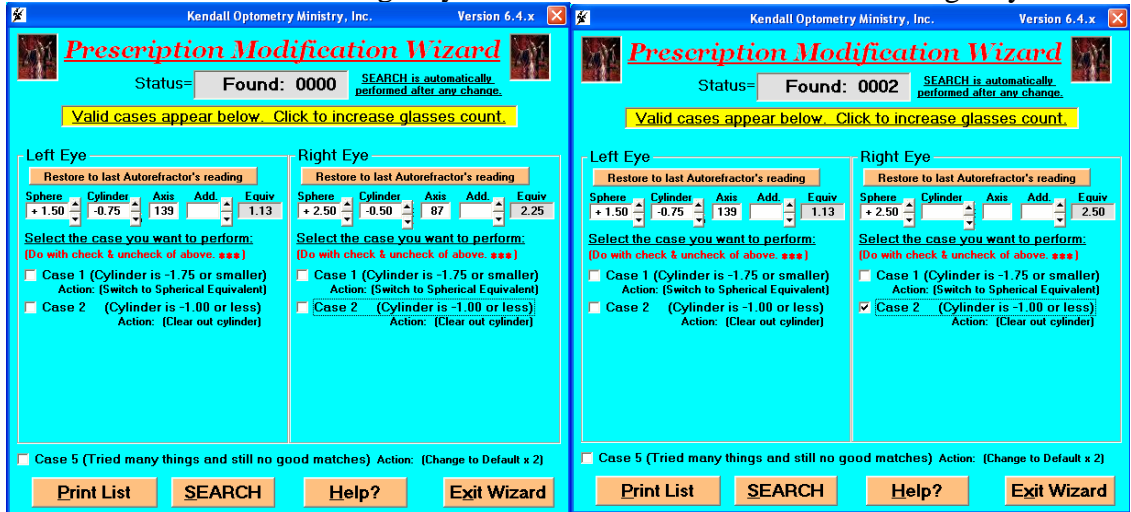
Case 1 left eye is chosen



Notice that when Case 1 is chosen the number listed go from 0 to 4 pairs of glasses.

Case 2 not chosen for Right eye.

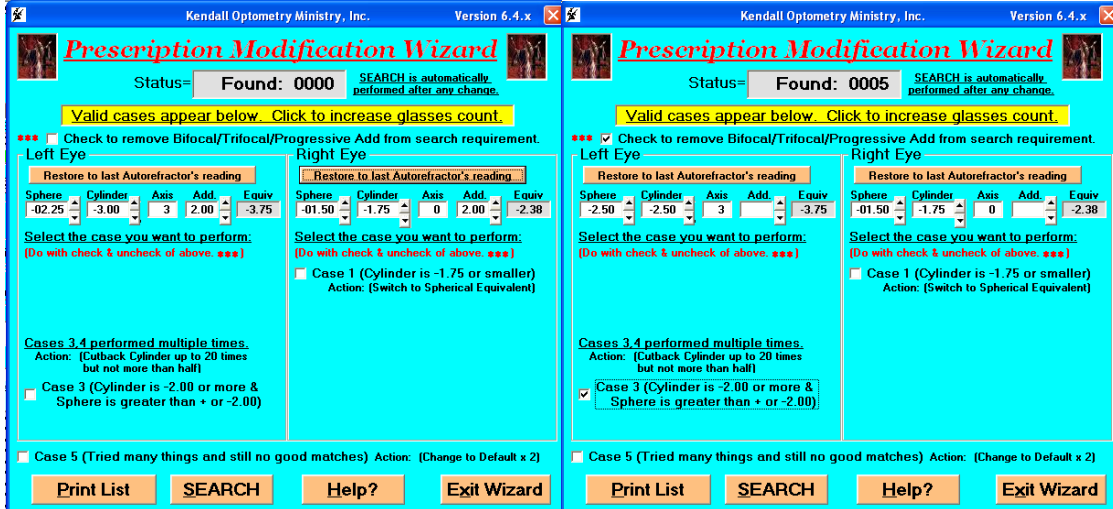
Case 2 chosen for Right eye.



Cylinder is cleared and the choices go from zero to 2 pairs of glasses.

Case three is a highly automated option. Case 3 will reduce the cylinder by .25 up to 20 times looking for the maximum number of glasses available. It maintains the spherical equivalent the same by changing the sphere. It will not reduce the cylinder more than 1/2 the prescription value.

Case 3 not chosen on left eye. No Bifocals allowed & Case 3 chosen on left eye.



Notice that the cylinder is cut and the choices go from 0 to 5 pairs of glasses.

Case 4 not chosen for left and right eye.



### Picklist for this case.

Notice that the first choice is very close to the modified prescription. It is also a more acceptable pair of glasses for the patient.

Patient #:1 Age: 60  
Date: 06-30-2008 Time: 17:20:12

----- Retinomax 2 -----  
Wizard adjusted from:  
R(OD) : -1.00 -3.75 x0 } ← Original  
L(OS) : -0.75 -3.00 x3  
to below for a match:  
EYE SPH CYL AXIS ADD SE } ← Modified  
R(OD) : -1.00 -2.25 x0 -2.13  
L(OS) : -0.75 -1.75 x3 -1.63

----- Settings -----  
Matched Default setting.  
ROSE RULE in effect for:  
NO Over Plus (+) sphere.  
NO over cylinder.  
NO over Minus (-) sphere. >35 Yrs.

| #  | Ln# (#Rej) | Flags |
|--|------------|-------|
| 1.5                                      | 0977       | F     |
| R(OD): -0.75/-1.25/03 Add:0.00 EQ:-1.38  |            |       |
| L(OS): -0.50/-1.75/01 Add:0.00 EQ:-1.38  |            |       |
| 1.8                                      | 1555       | M     |
| R(OD): -0.75/-1.50/179 Add:0.00 EQ:-1.50 |            |       |
| L(OS): -0.75/-1.00/174 Add:0.00 EQ:-1.25 |            |       |
| 1.8                                      | 4591       | F     |
| R(OD): -0.50/-1.75/11 Add:0.00 EQ:-1.38  |            |       |
| L(OS): -0.75/-1.50/04 Add:0.00 EQ:-1.50  |            |       |
| 1.9                                      | 1449       | F     |
| R(OD): -1.00/-1.25/08 Add:0.00 EQ:-1.63  |            |       |
| L(OS): -0.50/-1.50/179 Add:0.00 EQ:-1.25 |            |       |
| 2.3                                      | 1533       | F-P   |
| R(OD): -0.50/-1.25/02 Add:1.50 EQ:-1.13  |            |       |
| L(OS): -0.50/-1.25/175 Add:0.75 EQ:-1.13 |            |       |
| 2.5                                      | 1156       | M     |
| R(OD): -0.25/-1.50/09 Add:1.50 EQ:-1.00  |            |       |
| L(OS): -0.75/-1.75/173 Add:1.50 EQ:-1.63 |            |       |
| 2.8                                      | 4831       | F     |
| R(OD): -0.50/-1.50/08 Add:0.00 EQ:-1.25  |            |       |
| L(OS): -0.25/-0.75/07 Add:0.00 EQ:-0.63  |            |       |
| 3.1                                      | 1658       | M     |
| R(OD): -0.75/-1.25/08 Add:0.00 EQ:-1.38  |            |       |
| L(OS): -0.50/-1.50/168 Add:0.00 EQ:-1.25 |            |       |
| 3.6                                      | 1031       | E     |
| R(OD): -0.25/-1.25/14 Add:0.00 EQ:-0.88  |            |       |
| L(OS): -0.75/-0.75/174 Add:0.00 EQ:-1.13 |            |       |
| 3.8                                      | 1222       | E     |
| R(OD): -0.25/-1.25/166 Add:0.00 EQ:-0.88 |            |       |
| L(OS): -0.75/-1.00/15 Add:0.00 EQ:-1.25  |            |       |

Case 4 chosen for both eyes

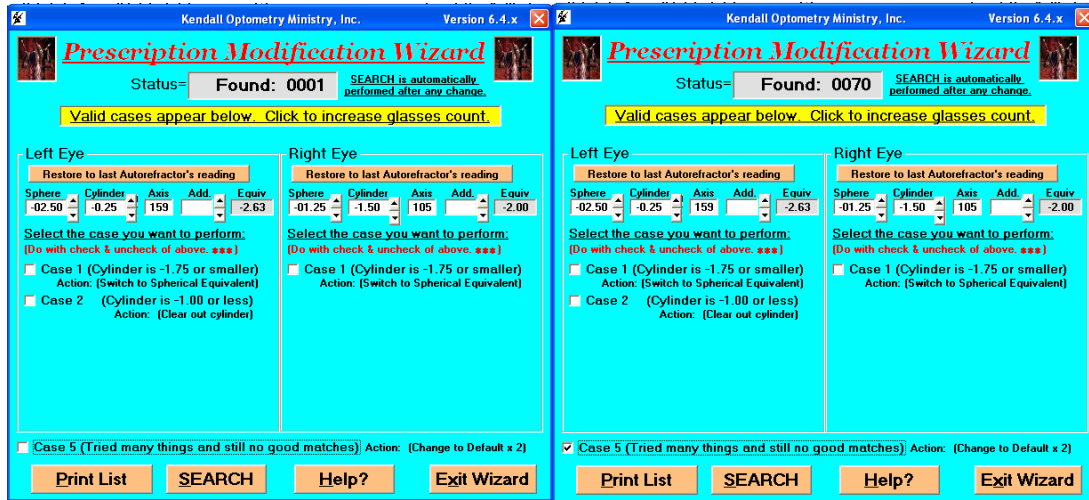


**Remember to check and uncheck case 4 one or more times to look for more matches.**

Case 4 reduced the cylinder by .25 up to 20 times looking for a case where the maximum number of glasses were found. It does not change the sphere as it is already too small. It never reduces the cylinder by more than half. In this example the number of choices go from zero to 10. Look at a copy of the picklist for this case. Pair 977 is ideal.

Case 5 not chosen.

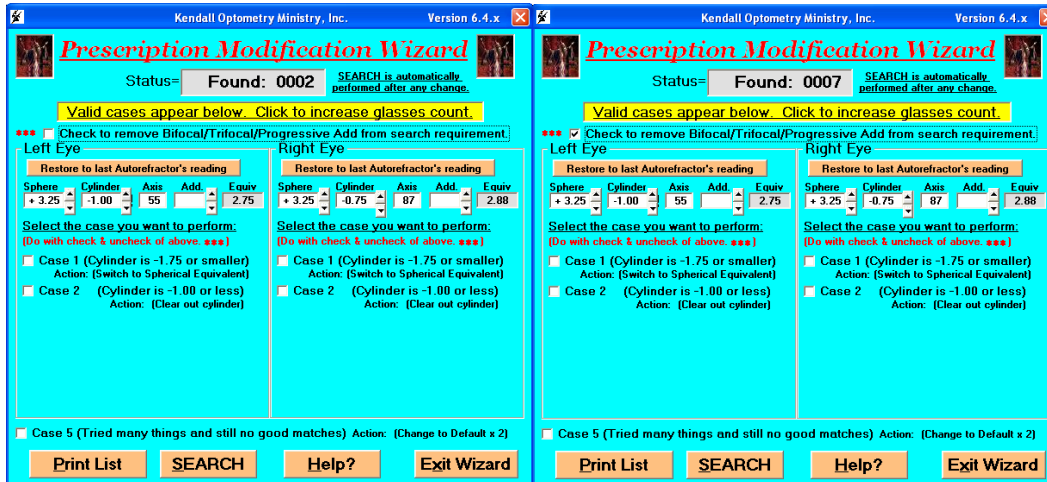
Case 5 chosen.



Case 5 changes the tolerance of the choice window to double what it was previously allowing choices not so close to appear.

Bifocals are allowed on the list

Bifocals are removed from the list.



As you can see if the "ADD" is not included in the search, the more choices will appear on the list. If the patient needs reading glasses, give him/her a pair of separate readers.

The prescription modification wizard can greatly increase the number of acceptable pairs of glasses that can be found in the eyeglasses inventory.