

VALLEY SURGERY CENTER PRESENTS:



## Cold Phaco Technology It's Cool Cataract Surgery

### Where is WHITESTAR Cold Phaco Technology Available?

The Medical Director of Valley Surgery Center, Dr. G. Michael Taft, is dedicated to providing the best possible surgical outcomes for his patients. Valley Surgery Center is the only facility in North Alabama where patients and their doctors can choose the safety of **WHITESTAR Cold Phaco Technology** for their cataract surgery. Initial eye exams to determine if a patient has cataracts that are impairing their vision can be performed at Valley Eye in Lauderdale or Colbert counties. Referrals for eye exams from medical doctors or optometrists are also welcomed by Valley Eye or you may call the office for an appointment.\*

### What is a cataract?

The eye is a living camera. It has a living human lens to focus the picture on the film of the camera – the retina. The nerve of sight takes the picture to the brain. When the human lens becomes hazy and discolored, we rename it a cataract. The word “cataract” comes from the word for waterfall; specifically, the dirty, churned-up water at the base of a waterfall. When the human lens becomes foggy, hazy or discolored, it is hard to see through. Dr. Taft at Valley Surgery Center, removes the old human lens (now a cataract) and replace it with a custom implant lens calculated specifically for each eye requiring cataract surgery with the Holladay Consultant Formula. At Valley Surgery Center, Dr. Taft performs cataract surgery using the **WHITESTAR Cold Phaco Technology**.

### What is Phacoemulsification?

“Phaco” means lens. During cataract surgery, the human lens is carved into small pieces, or emulsified, by the use of ultrasonic energy. Then those human lens fragments are vacuumed out of the eye. The process is called phacoemulsification. A phaco machine is used to phacoemulsify a cataract during cataract surgery.



### Why is WHITESTAR Cold Phaco Technology such an advantage to the cataract patient?

The present generation of phaco machines in the United States is dominated by a machine with a computer and software which have been largely unchanged for more than ten years. **WHITESTAR Cold Phaco Technology** has changed that.

**WHITESTAR Cold Phaco Technology** means freedom from heat damage and outright burns of the eye during surgery. Surgeon control of the application of ultrasonic energy is more precise with White Star. The control of the duration of user definable energy microbursts and cooling microrests mean virtually no heat damage to the eye with **WHITESTAR Cold Phaco Technology**. Other phaco machines, with older hardware and software, can result in heat damage to the eye during cataract surgery.

**WHITESTAR Cold Phaco Technology** is state-of-the-art for cataract surgery with less possibility of thermal damage to the patient's eye. It's Cool Cataract Surgery!

**What do world renowned eye surgeons say about WHITESTAR Cold Phaco Technology?**



*“With the microprocessor controls and the ability to fine-tune and program (with **WHITESTAR Cold Phaco Technology**)... We are capable now of doing the least aggressive form of surgery we've ever done. For the phaco surgeon, this means enormous increases in control and safety, and for their patients, a much more likely excellent outcome.”*

*I. Howard Fine, M.D.  
Clinical Associate Professor  
Oregon Health Sciences University  
Eugene, Oregon  
USA*

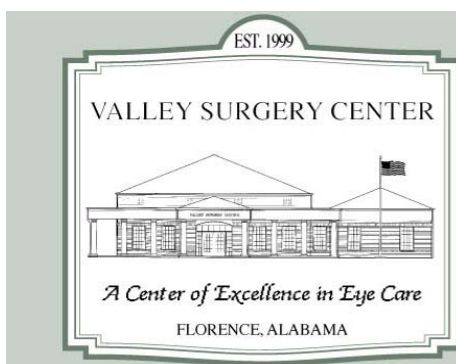
*“The effect is to produce efficient phaco with low heat production...”  
“It also allows surgeons to take advantage of new IOL (Intraocular lens) technology which can be inserted through the micro-incisions.”*

*Richard Packard, M.D.  
HRH Princess Christian's Hospital  
Berkshire, United Kingdom*

*“**WHITESTAR** (Cold Phaco) technology is so much more powerful in terms of its efficiency that (eye) surgeons will become accustomed to it, and cold phaco will become the standard form of phacoemulsification.”*

*William J. Fiskind, M.D.  
Tucson, Arizona  
USA*

[www.sovereignsystem.com/whitestar](http://www.sovereignsystem.com/whitestar)



## VALLEY SURGERY CENTER

*A Center of Excellence in Eye Care*

Laser Vision Correction  
Advanced Technology Cataract Surgery

**768-1711**

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*Serving others out of love and thanksgiving to God.*