

(https://www.nashvillemedicalnews.com/mod/smartad/adclk.php?ad_id=107&sk=&gi=113&ei=6&si=1)

Laser Cataract Surgery, Newer Lenses Help Turn Back Time

By MING WANG, MD, PhD

Published: November 9, 2017

As people age, many are bothered by cataracts, a clouding of the lens that results in symptoms including blurred vision, glare from lights, trouble seeing in dim light and poor contrast. Cataracts can make it more difficult to drive safely, participate in hobbies, perform household activities, and live independently.

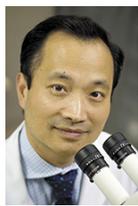
The development of cataracts is a normal part of the aging process, affecting everyone to different degrees in the later phases of life. However, cataracts can also occur in younger patients related to genetic factors or other health conditions such as diabetes.

The only treatment for visually significant cataracts is removal with surgery. Cataracts are most common cause of blindness in the world, where not all have easy access to quality surgical care or treatment. While traditional cataract surgery is performed with a blade, Wang Vision Institute was the first center in the state to perform laser cataract surgery.

The laser cataract system utilizes an advanced, ultra-short-pulsed femtosecond laser to improve the precision of cataract surgery. The surgeon uses the laser to customize the surgery to the exact specifications of each individual patient, and a computerized laser imaging system guides the laser beam. Real-time, high-resolution images of the eye are projected onto a computer screen, which allows the surgeon to perform the surgery and laser astigmatism correction with precision that far surpasses that of a traditional manual blade.

Wang Vision Institute was among the first nationally to implant several of these advanced presbyopic lenses, sometimes referred to as the "Forever Young Lenses™" as a group because of the improved visual acuity achieved. This new generation of lenses gives patients a wide range of vision and reduces their dependence on glasses for both distance and near sight. For years, traditional cataract surgery has been performed with standard monofocal lenses, which provide focus at only one distance. When these monofocal lenses are used, patients nearly always still need to wear glasses for reading vision, distance vision, or both as these lenses do not provide any focus range. Cataract surgery can now be completed with modern, customized lenses that can correct for vision more completely than ever before.

The introduction of the laser for cataract surgery has made surgery less invasive, safer and helped patients to recover quicker. An increasing array of lens types for vision correction has provided patients with the ability to do more with their vision without glasses after surgery. Patients with cataracts now have more options than ever for surgical correction. By choosing a surgeon that offers the full range of technology for cataracts, patients will have the opportunity to not only have their cataracts removed, but also in many cases achieve a significant improvement in vision for distance, near, or both without glasses.



Dr. Ming Wang, Harvard & MIT (MD, magna cum laude); PhD (laser physics), is the CEO of Aier-USA, director of Wang Vision 3D Cataract & LASIK Center, and one of the few laser eye surgeons to hold a doctorate degree in laser physics. He has performed more than 55,000 procedures, including on over 4,000 on doctors. For more information, email drwang@wangvisioninstitute.com (<mailto:drwang@wangvisioninstitute.com>) or go online to [wangcataractLASIK.com](http://www.wangcataractLASIK.com) (<http://www.wangcataractLASIK.com>).

WEB:

Wang Vision Institute (<http://www.wangvisioninstitute.com>)

Share:

[f](http://www.facebook.com/share.php?url=https://www.nashvillemedicalnews.com/laser-cataract-surgery-newer-lenses-help-turn-back-time-cms-2194) (<http://www.facebook.com/share.php?url=https://www.nashvillemedicalnews.com/laser-cataract-surgery-newer-lenses-help-turn-back-time-cms-2194>)
 [t](http://www.twitter.com/share?url=https://www.nashvillemedicalnews.com/laser-cataract-surgery-newer-lenses-help-turn-back-time-cms-2194) (<http://www.twitter.com/share?url=https://www.nashvillemedicalnews.com/laser-cataract-surgery-newer-lenses-help-turn-back-time-cms-2194>)
 [in](http://www.linkedin.com/shareArticle?mini=true&title=Laser+Cataract+Surgery%2C+Newer+Lenses) (<http://www.linkedin.com/shareArticle?mini=true&title=Laser+Cataract+Surgery%2C+Newer+Lenses>)

Related Articles:

RECENT ARTICLES

(<https://www.nashvillemedicalnews.com/scale-conference-2018-what-to-expect-cms-2448>) **SCALE Conference 2018: What to Expect** (<https://www.nashvillemedicalnews.com/scale-conference-2018-what-to-expect-cms-2448>)

Friday, May 4, 2018 10:47 am

Symposium for Cosmetic Advances and Laser Surgery (SCALE) Conference brings latest in skin, laser treatment to Middle Tennessee.

(<https://www.nashvillemedicalnews.com/scale-conference-2018-what-to-expect-cms-2448>)

(<https://www.nashvillemedicalnews.com/cms-proposes-changes-to-empower-patients-and-reduce-administrative-burden-cms-2401>) **CMS Proposes Changes to Empower Patients and Reduce Administrative Burden** (<https://www.nashvillemedicalnews.com/cms-proposes-changes-to-empower-patients-and-reduce-administrative-burden-cms-2401>)

Wednesday, May 2, 2018 12:02 am

Changes in Inpatient Prospective Payment System and Long-Term Care Hospital Prospective Payment System would advance price transparency and interoperability

(<https://www.nashvillemedicalnews.com/cms-proposes-changes-to-empower-patients-and-reduce-administrative-burden-cms-2401>)

(<https://www.nashvillemedicalnews.com/cms-issues-final-2019-payment-notice-rule-to-increase-access-to-affordable-health-plans-for-americans-suffering-from-high-obamacare-premiums-cms-2390>) **CMS issues final 2019 Payment Notice Rule to increase access to affordable health plans for Americans suffering from high Obamacare premiums**

(<https://www.nashvillemedicalnews.com/cms-issues-final-2019-payment-notice-rule-to-increase-access-to-affordable-health-plans-for-americans-suffering-from-high-obamacare-premiums-cms-2390>)

Monday, April 30, 2018 12:02 am

Final rule will improve program integrity, increase state flexibility, and reduce regulatory burdens

(<https://www.nashvillemedicalnews.com/cms-issues-final-2019-payment-notice-rule-to-increase-access-to-affordable-health-plans-for-americans-suffering-from-high-obamacare-premiums-cms-2390>)

(<https://www.nashvillemedicalnews.com/nurses-on-boards-coalition-announces-cvs-health-as-founding-strategic-partner-cms-2395>) **Nurses on Boards Coalition Announces CVS Health as Founding Strategic Partner** (<https://www.nashvillemedicalnews.com/nurses-on-boards-coalition-announces-cvs-health-as-founding-strategic-partner-cms-2395>)

Monday, April 30, 2018 12:02 am

WASHINGTON, DC - The Nurses on Boards Coalition (NOBC), an organization committed to building healthier communities through the service of nurses on all types of boards, has announced today that CVS Health has become a Founding Strategic Partner.

(<https://www.nashvillemedicalnews.com/nurses-on-boards-coalition-announces-cvs-health-as-founding-strategic-partner-cms-2395>)

(<https://www.nashvillemedicalnews.com/feedback-on-new-direction-request-for-information-rfi-released-cms-innovation-centers-market-driven-reforms-to-focus-on-patient-centered-care-cms-2399>) **Feedback on New Direction Request for Information (RFI) Released, CMS Innovation Center's Market-Driven Reforms to Focus on Patient-Centered Care** (<https://www.nashvillemedicalnews.com/feedback-on-new-direction-request-for-information-rfi-released-cms-innovation-centers-market-driven-reforms-to-focus-on-patient-centered-care-cms-2399>)

Monday, April 30, 2018 12:02 am

Request for Information on Provider Contracting Issued

(<https://www.nashvillemedicalnews.com/feedback-on-new-direction-request-for-information-rfi-released-cms-innovation-centers-market-driven-reforms-to-focus-on-patient-centered-care-cms-2399>)

(<https://www.nashvillemedicalnews.com/mark-your-calendars-cms-2433>) **Mark Your Calendars**

(<https://www.nashvillemedicalnews.com/mark-your-calendars-cms-2433>)

Friday, April 27, 2018 3:35 pm

(<https://www.nashvillemedicalnews.com/mark-your-calendars-cms-2433>)

(<https://www.nashvillemedicalnews.com/april-12-proclaimed-dr-matthew-walker-sr-day-cms-2391>) **April 12 Proclaimed Dr. Matthew Walker, Sr. Day** (<https://www.nashvillemedicalnews.com/april-12-proclaimed-dr-matthew-walker-sr-day-cms-2391>)

Tuesday, April 17, 2018 9:06 am

Mayor David Briley Presented Recognition at Event on April 12 at Meharry Medical College

(<https://www.nashvillemedicalnews.com/april-12-proclaimed-dr-matthew-walker-sr-day-cms-2391>)

(<https://www.nashvillemedicalnews.com/building-on-build-health-cms-2385>) **Building on BUILD Health**

(<https://www.nashvillemedicalnews.com/building-on-build-health-cms-2385>)

Monday, April 9, 2018 12:24 pm

(<https://www.nashvillemedicalnews.com/addressing-physician-burnout-cms-2383>) Addressing Physician Burnout
(<https://www.nashvillemedicalnews.com/addressing-physician-burnout-cms-2383>)

Monday, April 9, 2018 10:16 am

In recognition that physician burnout is increasing, the AMA and other companies and organizations have begun tackling the critical issue from a variety of vantage points

(<https://www.nashvillemedicalnews.com/addressing-physician-burnout-cms-2383>)

(<https://www.nashvillemedicalnews.com/study-of-mucus-may-help-guide-sinusitis-treatment-cms-2382>) Study of Mucus May Help Guide Sinusitis Treatment (<https://www.nashvillemedicalnews.com/study-of-mucus-may-help-guide-sinusitis-treatment-cms-2382>)

Monday, April 9, 2018 9:36 am

By April, nearly one-third of the U.S. is already experiencing high pollen levels while the weather and temperatures continue to fluctuate, aggravating sinus symptoms.

(<https://www.nashvillemedicalnews.com/study-of-mucus-may-help-guide-sinusitis-treatment-cms-2382>)

 Email  Print (<https://www.nashvillemedicalnews.com/laser-cataract-surgery-newer-lenses-help-turn-back-time-cms-2194-printer>)
Login and voice your opinion! (<http://www.nashvillemedicalnews.com/login.php?gotopage=news.php?viewStory=2194>)

Tags:

3D Laser Cataract Surgery (<https://www.nashvillemedicalnews.com/keyword/3D-Laser-Cataract-Surgery>), ataracts (<https://www.nashvillemedicalnews.com/keyword/ataracts>), Forever Young Lenses (<https://www.nashvillemedicalnews.com/keyword/Forever-Young-Lenses>), Intraocular Lenses (<https://www.nashvillemedicalnews.com/keyword/Intraocular-Lenses>), IOL (<https://www.nashvillemedicalnews.com/keyword/IOL>), Ming Wang (<https://www.nashvillemedicalnews.com/keyword/Ming-Wang>), Wang Vision (<https://www.nashvillemedicalnews.com/keyword/Wang-Vision>)

Additional Resources

Archives
(<http://www.nashvillemedicalnews.com/archive/>)

Subscribe
(<http://www.nashvillemedicalnews.com/webform.php?ViewForm=2>)

Contact Us
(<http://www.nashvillemedicalnews.com/contact-us-cms-48>)

Privacy Policy

Other Medical News Markets

Arkansas
(<http://www.arkansasmedicalnews.com>)

Birmingham
(<http://birminghammedicalnews.com/>)

Memphis
(<http://www.memphismedicalnews.com/>)

West TN
(<http://www.westtnmedicalnews.com>)

(<https://twitter.com/@NashMedNews>)

Powered by Bondware (<http://www.bondware.com/>)

News Publishing Software (<http://www.bondware.com/newspaper>)