

A Partnership that SAVES SIGHT!

The **Royal Alexandra Hospital Foundation and the members of the Lions Eye Research Fund (LERF) from the District C-1 Lions** would like to *thank you* – the **clubs and members of District C-1** - for your continued support of the Eye Institute of Alberta. The Eye Institute of Alberta is the proud home of the only hospital-based eye treatment centre in northern Alberta. Clinicians here treat conditions from simple infections to disorders that cause blindness.

The Eye Institute is also internationally recognized for its work in ophthalmology research. As the home to the University of Alberta's Department of Ophthalmology, it is a clinic that provides valuable experiences for medical doctors who train to become ophthalmologists.

A Special Thank-You To Donors Like You! Because of the generosity of donors like you, the Eye Institute is equipped with vision-saving state-of-the-art diagnostic tools that promise ease and comfort for many patients. Specialized technology helps our ophthalmologists to provide the highest level of compassionate care for patients who struggle with their vision health. Such advancement would not be possible without your support!

We are so excited to share with you our newest fundraising cause to further improve the eye care patients can receive in Edmonton!

The **Royal Alexandra Hospital Foundation and the LERF members** are extremely pleased to inform you that we submitted a Matching Grant Application to the **Lions Clubs International Foundation** in support of the newest and most advanced laser tool currently available, the Tango NEO SLT/YAG combination laser from Ellex. At the November 5, 2023 District C-1 Cabinet Meeting, the Lions of District C-1 approved moving forward with the LCIF grant application to meet the February 1, 2024 LCIF grant deadline.

This laser is a state-of-the-art equipment that would allow clinicians at the Eye Institute to perform eye surgery that is less invasive and easy on the patients. Having this technology at the Royal Alexandra Hospital would increase the accuracy and efficiency in which patients with cataracts and glaucoma can be treated here. Both diseases are among the top five leading causes of blindness. Indeed, this outstanding piece of equipment will increase patients' chances of recovery and will help them manage their vision health on a more frequent basis.

The cost of Tango NEO is \$108,430.00. The Royal Alexandra Hospital Foundation and the members of LERF asked the Lions Clubs International Foundation to consider a gift of \$54,215.00 to support the purchase of the Tango NEO laser. The members of LERF are now in the process of fundraising to match the Lions Clubs International Foundation's contribution. So far, the **members of LERF have been able to raise \$43,503.00** toward the purchase of Tango NEO. However, more fundraising is necessary to complete this important cause.

Please Help Us Bring Tango NEO To The Eye Institute!

Learn More About Tango NEO



Glaucoma and cataracts are among the top 5 leading causes of blindness worldwide after the age of 65. The Tango NEO combination laser can treat a vast population size of patients who suffer from these diseases. This laser machine offers multiple laser options. During cataract surgery, the new intraocular lens is inserted into a saranwrap like capsular bag. This capsular bag infrequently opacifies over time (posterior capsular opacification).

The Ellex Tango NEO laser allows the capsular bag to be lasered open without a new incision. The improved technology of the Ellex Tango decreases the chance of damage to the intraocular lens because of its improved focusing capabilities compared to other units.

In addition to cataract surgery, it is a workhorse in the management of glaucoma with both open angle and closed angles. The optics of the Ellex Tango provide an optimal field of view for the surgeon, which enhances patient safety. The high firing rate of the Ellex Tango also improves patient comfort because the laser procedures can be much quicker, and the patient does not have to hold still for as long.

The Eye Institute of Alberta sees more than 45,000 patients each year. Your generous support has an incredible impact on these patients! We thank you for all you do. The Tango NEO laser is unique and has dual capabilities, extraordinary precision, five lens magnification options, and safety to both the patients and the physicians. It would be such a wonderful asset to have in the Eye Institute of Alberta for patients who receive eye care here.

Questions can be directed to:

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Donations can be made directly to:

Royal Alexandra Hospital Foundation
10240 Kingsway NW, Edmonton, Alberta, T5H 3V9
Please indicate in the cheque xmemo line: Ellex Tango Laser