



Overview

Report on the use of funds generously provided by the Lions NSW-ACT Save Sight Foundation to the Save Sight Institute for use in 2018. The purpose of Lions funding is to improve outcomes for New South patients with vision impairment by enhancing clinical facilities at the Save Sight Institute, University of Sydney. Funds provided by the 2018 grant have been used for the purchase of new equipment that will directly benefit patient outcomes.

Grant

Year 2018 Funds received \$100,000

Expenses

Equipment:	\$140,241.50
SSI Contribution:	\$40,000.00
Lions funding:	\$100,000.00
Detailed budget:	

\$	11,670.00	Reliance 7000-L procedure chai
\$	13,915.00	Topcon IS-1 Dual instrument op
\$	50,298.00	1X Haag Streit BQ-900 LED slit
\$	13,915.00	Topcon IS-1 Dual instrument op
\$	11,670.00	Reliance 7000-L procedure chair
\$	18,500.00	Microscopy Workstation PC for
\$	3,610.23	Small Equipment
\$	7,656.88	Leased IT Equipment
\$	9,006.39	Software
-\$	40,000.00	SSI Funds
	\$100,241.50	

Activity update

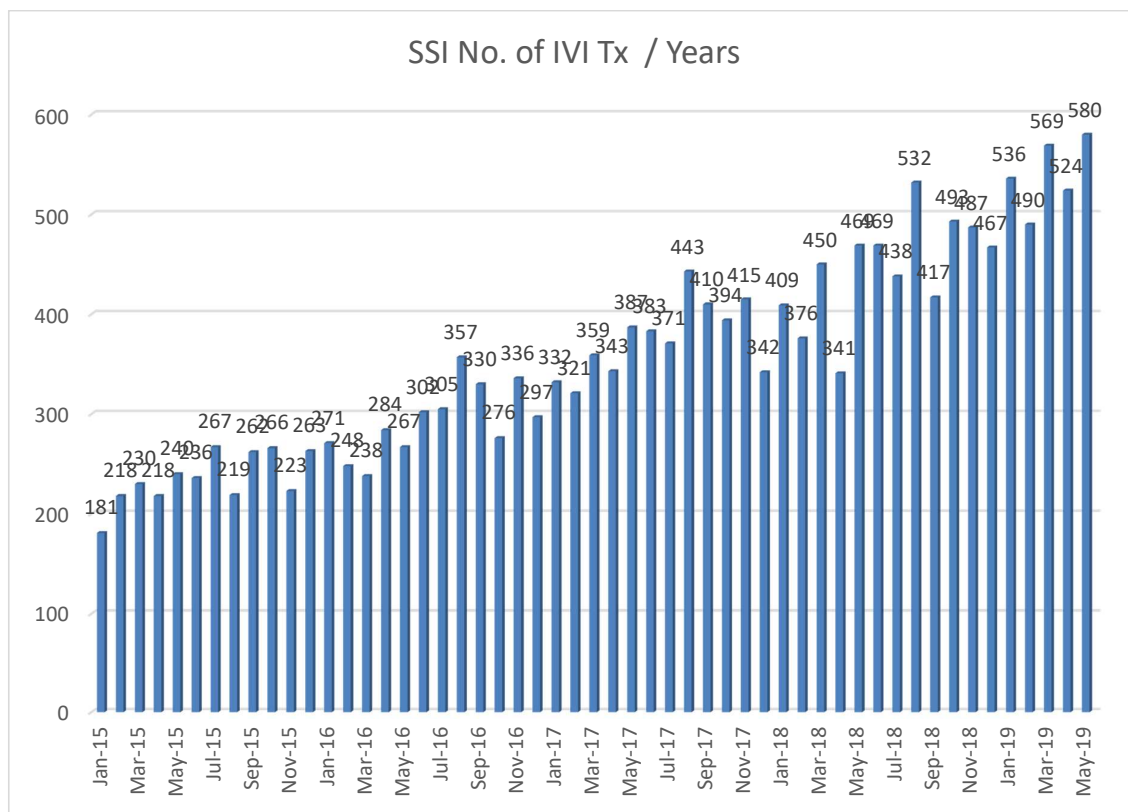
The Save Sight Institute provides specialist multidisciplinary clinics to manage some of the most complicated vision threatening conditions in the state. The multidisciplinary clinics include combined paediatric rheumatology, immunology, clinical genetics and neurology has required a redesign of the clinic areas to facilitate this new approach to managing patients with complex ocular and systemic conditions. New equipment was purchased to outfit the newly updated clinic rooms in SSI. This has greatly improved efficiency for seeing patients and has given us the ability to document important

clinical findings with the digital imaging equipment attached to the new Haag Streit slit lamp as well as train the non-ophthalmologist. The equipment has also been immeasurable important for educating patients and their families about their rare and complex conditions.



We also use this equipment to teach orthoptic students, medical students and in our Master of Medicine in Ophthalmic Sciences practical workshops.

Additionally, the new Reliance procedure chairs recline so that we can now administer intravitreal injection therapy for diseases such as wet ARMD, diabetic maculopathy and uveitic macular oedema in our SSI clinic.



SSI runs the largest public sector intravitreal injection service in Australia as a shared care partnership with Sydney Eye Hospital. As you can see from the graph, the demand for public sector intravitreal therapy is rapidly growing and the new clinic equipment generously endowed by the Lions funding has given us significantly increased capacity to meet the growing demand.

As the Lions NSW-ACT Save Sight Foundation is aware from earlier reports, the Save Sight Institute Electrodiagnostic service is the largest in Australia and sees more than 800 patients per year for electrophysiology testing and diagnostics. This highly specialised and unique service assesses private referrals and public hospital patients. With the advent of specific gene therapy for a number of inherited eye diseases, the SSI clinic and Electrodiagnostic service will become even busier as we assess more patients to determine whether they are suitable candidates for gene therapy and to monitor in the long-term patients treated with gene therapy. The new clinic equipment will greatly improve our efficiency and ability to deal with this increased patient load

Previous Lions support 2013 – 2017

- Maintenance and upgrade of equipment including networking the Spectralis and Cirrus OCT’s together with the Optos widefield camera to ensure optimal function of the equipment and to ensure back up of data and records
- Installing review licenses for all three machines on approximately 10 computers in the clinic so clinicians could review test results immediately and in real time
- Purchase of three Topcon PC visual acuity monitors;

- Purchase of new colour vision and near vision books for testing – to replace old books in poor condition
- Modification of electro testing rooms to ensure optimal testing outcomes. Items upgraded and/or modified included new stand for the testing machine, upgrade and change of technical cables, a new patient chin rest, new Espion, and some modifications to room layout to minimise background ‘noise/interference’ in electrical traces
- Purchase of new diagnostic electrophysiology system
- Upgrade to the Clinic’s Houston VIP patient medical record and billing system to a new version ‘VIP.net’ –which improved efficiency. This requires purchase of the system upgrade and additional licences, together with a new SQL server
- An additional office was constructed to provide shared space for the Clinic Manager and Orthoptic Manager, freeing up other space for additional testing to improve patient throughput and patient flow
- Purchase of an Optos ultrawide field retinal camera system

Summary

Over the past 8 years with the generous support of the Lions we have been able to update technology and equipment to improve the quality of diagnostics and service delivery, redesign testing rooms to improve the patient experience and update networking, software and licencing to ensure compliance with data management policies and procedures and to provide clinicians with ready access to results and images to support the consultation. Upgrades of equipment and facilities will continue over the next few years as this is a critical process to keep abreast of the latest treatment for the complex eye disorders we manage at SSI.

We and our patients are extremely grateful for the ongoing support and partnership we have with the NSW & ACT Lions Save Sight Foundation.

Peter McCluskey

Director

22 August 2019