Ellex develops, manufactures and markets lasers, ophthalmic implants and diagnostic equipment for the treatment of eye disease to a growing global market.

- **Secondary Cataract Treatment**
- **Global leader in Glaucoma Treatments**
- **Major growth products**
  - Retinal Treatments general
  - solitaire.
  - integre.
  - Global leader Retinal Treatment for AMD
  - 2RT for AMD
  - ultraqreflex.
- **Treatment of vitreous opacities**
- **Ultrasound**
  - eyecubed.
- **Ultrasound iTrack250**
- **Global leader for AMD**
  - superq.
  - ultraq.
  - tango.
  - solo.
  - iTrack250
Contents

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2. Market and financial summary
3. Milestones achieved H1 FY14
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8. USA SLT glaucoma update
9. Canaloplasty acquisition update
10. UltraQ Reflex Vitreolysis Laser Update
11. Asia Growth Update
12. Ellex 2RT for AMD update
13. Outlook for second half of FY14
Ellex in a Snapshot

ASX-listed medical device company generating significant global revenues from an increasingly diversified portfolio of medical lasers, diagnostic and implantable devices targeting eye disease

- Globally competitive, innovative player that in February 2014 emerged as a global leader in non-pharma treatment of glaucoma and macular degeneration
- Fully integrated, leading supplier in a large growing global market with a direct presence in major markets
- Ophthalmic laser market expected to grow at a **CAGR of 3.3%** from 2013-2018, drivers being
  - Ageing population in the developed world
  - Advancing medical treatments in the developing world
  - New technology innovation
  - Cost-effectiveness of device treatments compared with drug treatments
- Acquisition of glaucoma surgical device business on 31 December 2013 provides increasing revenues and access to rapidly growing market (**CAGR of 23.5%** from 2013-2018) drivers being movement from treatment of glaucoma with drugs to treatment with devices
### Market and Financial Summary

#### Summary Financials

<table>
<thead>
<tr>
<th>Period</th>
<th>1HFY13 ($m)</th>
<th>1HFY14 ($m)</th>
<th>Change (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>22.0</td>
<td>25.9</td>
<td>+18%</td>
</tr>
<tr>
<td>EBITDA</td>
<td>0.9</td>
<td>1.4</td>
<td>+55%</td>
</tr>
<tr>
<td>EBIT</td>
<td>0.2</td>
<td>1.2</td>
<td>&gt;100%</td>
</tr>
<tr>
<td>Reported NPAT</td>
<td>0.1</td>
<td>0.4</td>
<td>&gt;100%</td>
</tr>
<tr>
<td>EPS (c)</td>
<td>0.04</td>
<td>0.36</td>
<td>&gt;100%</td>
</tr>
<tr>
<td>PER (x)</td>
<td>n/a</td>
<td>n/a</td>
<td>-</td>
</tr>
<tr>
<td>EV/Sales (x)</td>
<td>n/a</td>
<td>n/a</td>
<td>-</td>
</tr>
<tr>
<td>EV/EBITDA (x)</td>
<td>n/a</td>
<td>n/a</td>
<td>-</td>
</tr>
<tr>
<td>OCF ($m)</td>
<td>1.8</td>
<td>1.4</td>
<td>-22%</td>
</tr>
<tr>
<td>NTA Per Share</td>
<td>19.0</td>
<td>20.0</td>
<td>-</td>
</tr>
<tr>
<td>ROE (%)</td>
<td>n/a</td>
<td>n/a</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Market Summary

- **Shares on Issue**: 107.6
- **Share Price @ 17 March**: 0.35
- **12 month Range**: $0.17 - $0.47
- **Market Cap**: $37.7m
- **Net Debt @ 31/12/13**: $2.5m
- **Gearing (D/D+E)**: 13%
- **EV ($million)**: $35.2

#### Share Price – 12 month

![Share Price Chart](chart.png)

#### Share Register

- **Top 20**: 47.3%
- **Directors**: 19.2%
- **Ave. Mthly Volume rolling 12 months**: 1.7

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One Powerful Vision

Slide 5
Ellex Milestones – 1HFY14

Major Developments Achieved for Proprietary Retinal Rejuvenation Therapy (Ellex 2RT™)
- Publication of 50 patient early AMD pilot study
- CE mark for Aged Related Macular Degeneration (AMD) – the most common diabetic eye disease
- Acceleration of multi-centre, double-blind, placebo controlled clinical trial of 2RT in up to 300 early stage age-related macular degeneration (AMD) patients “LEAD” study

Acquisition of Canaloplasty business from iScience Interventional, Inc. for US$1.5m cash upfront

120% growth ($5.3m) in USA sales following introduction of SLT for glaucoma

Ellex emerges as a global leader in non-pharmaceutical treatment of glaucoma and aged-related macular degeneration, the two leading causes of blindness in the developed world
Key Financial Highlights 1HFY14

- Sales revenue of $25.9m, up 18% on pcp
  - Led by 120% improvement in the US
- Gross Margins of 51% up 2 percentage points on the pcp
  - Sales mix benefits from higher margin products
- Capitalised Product Development Expenditure down on pcp
  - High product development in pcp associated with new products
  - Current half focus of engineering team on operations engineering for new products and RoHS compliance costs
- Reported EBITDA of $1.4m, up 51% on pcp
  - EBITDA Margins of 5.4% up 120 bps
- Underlying EBITDA\(^1\) of approx. $1.9m, up 110% on pcp
- NPAT of $0.4m up 171% on pcp

\(^1\) Adjustments included for non-recurring; legal costs, RoHS compliance and FX movement
USA now Ellex’s largest market, representing 44% of group sales, up from 20% in 1H13

USA to continue as dominant market given 2HFY14 SLT, Vitreolysis and canaloplasty sales & FX

Japan anticipated to improve as production of new multi-wavelength photocoagulator (IntegrePro) ramps up which fulfils forward orders and demand is brought forward due Japanese government announcement that the VAT rate on general goods and services will increase on 1 April 2014 and again in November 2014

European business will also benefit from ramp up of IntegrePro production

Asia (mainly China) continues to grow with favourable market demographics
### Financial Summary – Sales by Region

<table>
<thead>
<tr>
<th>Region</th>
<th>1HFY13</th>
<th>1HFY14</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>4.6</td>
<td>4.7</td>
<td>+2%</td>
</tr>
<tr>
<td>USA</td>
<td>4.4</td>
<td>9.7</td>
<td>+120%</td>
</tr>
<tr>
<td>EMEA</td>
<td>5.0</td>
<td>4.3</td>
<td>-14%</td>
</tr>
<tr>
<td>Japan</td>
<td>5.9</td>
<td>4.7</td>
<td>-20%</td>
</tr>
<tr>
<td>Asia</td>
<td>1.8</td>
<td>1.9</td>
<td>+5%</td>
</tr>
<tr>
<td>South America</td>
<td>0.3</td>
<td>0.7</td>
<td>+133%</td>
</tr>
</tbody>
</table>

- **Australia**: Includes additional contract manufacturing revenue for Signostics
- **USA**: Constant currency sales of +100%
- **EMEA**: Difficult economic conditions, particularly Germany
- **Japan**: Devaluation of the YEN
- **Asia**: Continuation of period-on-period growth. 60% total growth over 4 years
- **South America**: Application of additional Spanish-speaking sales management
- **Sale by Region**: Strong initial sales of SLT Glaucoma following launch in July
- **Sale by Region**: Good initial sales of Vitreolysis “floater” laser sales
- **Sale by Region**: Good sales of Eye Cubed
- **Sale by Region**: Sale of vitreolysis “floater” laser sales
- **Sale by Region**: Photocoagulator sales down
- **Sale by Region**: Continuation of period-on-period growth. 60% total growth over 4 years
### Financial Summary – Balance Sheet

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>30 Jun 13</th>
<th>31 Dec 13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash</td>
<td>0.8</td>
<td>3.0</td>
</tr>
<tr>
<td>Trade receivables</td>
<td>10.5</td>
<td>11.3</td>
</tr>
<tr>
<td>Inventories</td>
<td>16.1</td>
<td>16.6</td>
</tr>
<tr>
<td>Product development capitalised</td>
<td>8.3</td>
<td>8.8</td>
</tr>
<tr>
<td>Deferred tax asset</td>
<td>7.1</td>
<td>6.8</td>
</tr>
<tr>
<td>PPE and other assets</td>
<td>4.6</td>
<td>5.0</td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td><strong>47.3</strong></td>
<td><strong>51.5</strong></td>
</tr>
</tbody>
</table>

- Cash on hand benefited from $6m in new equity raised during period
- Increase in receivables due to higher-than-pcp last month sales and acquisition of Canaloplasty business on 31 December 2013
- Inventory increase in support of new products and acquisition of Canaloplasty business on 31 December 2013
- Increased capitalised product development costs reflect new product investment

<table>
<thead>
<tr>
<th>LIABILITIES</th>
<th>30 Jun 13</th>
<th>31 Dec 13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade creditors</td>
<td>6.5</td>
<td>6.3</td>
</tr>
<tr>
<td>Borrowings current</td>
<td>6.4</td>
<td>3.4</td>
</tr>
<tr>
<td>Borrowings non current</td>
<td>1.0</td>
<td>2.1</td>
</tr>
<tr>
<td>Provisions + Other</td>
<td>2.7</td>
<td>2.9</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td><strong>16.5</strong></td>
<td><strong>14.7</strong></td>
</tr>
</tbody>
</table>

- Gross Debt reduced by $1.9m
- On-covenant performance has meant reclassification of some current debt to non-current
- Well within banking covenants during the 1H
- D/D+E reduced to 13% v 19% at FY13
- Net debt/EBITDA 1.8x v 5.6x at 1HFY13
Financial Summary – Cash Flow

<table>
<thead>
<tr>
<th>CASH FLOWS</th>
<th>Half year to</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>31 Dec 2012</td>
</tr>
<tr>
<td>Operating Cash Flows</td>
<td>1.8</td>
</tr>
<tr>
<td>Acquisition of canaloplasty business</td>
<td>-</td>
</tr>
<tr>
<td>Investing - PP&amp;E</td>
<td>(0.3)</td>
</tr>
<tr>
<td>Product Development Costs</td>
<td>(1.2)</td>
</tr>
<tr>
<td>Proceeds of share issues</td>
<td>-</td>
</tr>
<tr>
<td>Repayment of borrowings</td>
<td>(0.3)</td>
</tr>
<tr>
<td><strong>Net Cash Flow</strong></td>
<td>-</td>
</tr>
</tbody>
</table>

- During FY13 effort in place to reduce inventory to fund product development. In 2014 inventory levels have been constant to support increased sales
- Inventory turns have increased compared with last year following the increase in sales and control of inventory levels
Market Share

Ophthalmic lasers
(includes SLT, Photocoagulators & Photodisruptors)

- Ellex: 13%
- Topcon: 12%
- Lumenis: 17%
- Iridex: 11%
- Alcon: 10%
- Nidek: 7%
- Quantel: 6%
- Carl Zeiss: 6%
- All Other: 18%

Market size estimate $380m growing at CAGR of 3.3% to $450m


Glaucoma Surgical Devices
(includes SLT and canaloplasty)

- Ellex: 11%
- New World Medical: 14%
- Glankos (iStent): 12%
- Alcon: 21%
- AMO: 8%
- Minor Participants: 12%
- Lumenis: 7%
- All Other: 15%

Market size estimate $275m growing CAGR of 23.5% to $790m by 2018

Minor Participants = EndoOptiks, Lightmed, Maltemo, Neomedix & Mobius
US SLT Glaucoma Update

- Majority of US sales growth directly attributable to launch of SLT in July

Prior to the launch of SLT in the USA, Ellex ex-US market share was 42%. Market Scope now assessed that following the launch of SLT Ellex has a **global** market share of 41% vs 39.4% held by Lumenis.

- Expectation that we could replicate our ex-US market share in the US has been met.

- Growth in market for SLT lasers evident as doctor education, marketing effort, excellent product and motivated direct sales team takes share of glaucoma drug therapy spend

**Outlook:**

- Continued growth anticipated in the 2H
- SLT continues to grow in acceptance as a first-line standard of care in primary open angle glaucoma, driving clinician uptake
Canaloplasty Acquisition Update

- Successfully acquired canaloplasty assets from iScience Interventional, Inc. on 31 Dec 2013

Combining SLT with the acquisition of iScience canaloplasty, Ellex now has a 11% share of the Glaucoma surgical products and as such, is a global leader in non-drug treatment of glaucoma.

Ellex US direct sales force fully trained in 1Q CY14, 2 clinical training staff recruited to train doctors; positioning strategy three fold:
- (1) Major benefits on efficacy (SAE rate <1% versus trabeculectomy, tube shunts >20%)
- (2) Identical Pressure Lowering Effects as existing Standard of Care (SOC) and can be used in intermediate stage patients
- (3) Fully reimbursed by Medicare and most major payors
- (4) Lower costs and management time for doctors using canaloplasty vs trabeculectomy

First orders received from European distributor sales $0.3m for the 2 months since acquisition

**Outlook** remains favourable:
- Change of ownership has not impacted sales, positive growth anticipated from 2Q CY14 onwards
- Jan/Feb sales in-line in US$ terms with 2013 (despite no effective sales force), in A$ terms sales +10%
- Shaping as a major expansionary opportunity for Ellex over next few years
UltraQ™ Reflex™ Vitreolysis Laser Update

Launched progressively late in 2013 financial year: represents first marketed vitreolysis that is accurate, pain-free and non-invasive

1HFY14 sales of $1m, market response is therefore strong

Common age-related problem – v. limited treatment options
- Vitreous “Floaters” though benign do considerably affect patient QoL
- Very common in ageing population
- Size and growth directly related to other Ellex markets, in particular cataract operations

Sales growth expected to continue:
- Favourable coding: US CPT 1 Code 67031
- Clinical Feedback Positive
- Rapid pay back period for clinicians
Asia Growth Update

- 60% total growth over 4 years
- New distributor in China appointed late 2013
- Cataract ops are leading indicator
- China opportunity strong given current low level per-capita of cataract operation

### Estimated 2013 Cataract Surgeries by Country

<table>
<thead>
<tr>
<th>Country</th>
<th>Cataract + RLE Surgeries</th>
<th>Percent of Total Cataract + RLE</th>
<th>Cumulative Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>India</td>
<td>6,309,731</td>
<td>28.4%</td>
<td>28.4%</td>
</tr>
<tr>
<td>United States</td>
<td>3,637,361</td>
<td>16.4%</td>
<td>44.8%</td>
</tr>
<tr>
<td>Japan</td>
<td>1,342,547</td>
<td>6.0%</td>
<td>50.8%</td>
</tr>
<tr>
<td>China</td>
<td>1,330,711</td>
<td>6.0%</td>
<td>56.8%</td>
</tr>
<tr>
<td>Germany</td>
<td>910,278</td>
<td>4.1%</td>
<td>60.9%</td>
</tr>
<tr>
<td>Brazil</td>
<td>871,354</td>
<td>3.9%</td>
<td>64.8%</td>
</tr>
<tr>
<td>France</td>
<td>676,090</td>
<td>3.0%</td>
<td>67.9%</td>
</tr>
<tr>
<td>Italy</td>
<td>562,925</td>
<td>2.5%</td>
<td>70.4%</td>
</tr>
<tr>
<td>Russia</td>
<td>462,214</td>
<td>2.1%</td>
<td>72.5%</td>
</tr>
<tr>
<td>Spain</td>
<td>394,577</td>
<td>1.8%</td>
<td>74.3%</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>394,178</td>
<td>1.8%</td>
<td>76.0%</td>
</tr>
<tr>
<td>Canada</td>
<td>385,646</td>
<td>1.7%</td>
<td>77.8%</td>
</tr>
<tr>
<td>Korea, South</td>
<td>346,321</td>
<td>1.6%</td>
<td>79.3%</td>
</tr>
<tr>
<td>Mexico</td>
<td>287,143</td>
<td>1.3%</td>
<td>80.6%</td>
</tr>
<tr>
<td>All Other</td>
<td>4,307,044</td>
<td>19.4%</td>
<td>100.0%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>22,218,120</strong></td>
<td><strong>100.0%</strong></td>
<td></td>
</tr>
</tbody>
</table>

Source: Market Scope
Ellex 2RT™ – CE Mark Achieved in AMD

- Ellex achieved a CE Mark for 2RT in early AMD in February 2014, allowing the device to be sold across EMEA, Australia, NZ and several SE Asian / South American countries that recognise the mark

Ellex 2RT™ is a proprietary pain-free, non-invasive breakthrough therapy that triggers tissue rejuvenation, a process that removes ailing cells and repopulates with healthy new cells without causing damage to crucial photoreceptors

Age-Related Macular Degeneration (AMD) is a chronic, progressive eye disease. Currently only late stage “wet forms” which are 10% of cases are treatable with 2012 drug sales of US$2.4billion and growing. Early stage AMD represents over 110m patients globally with no drug or device treatments currently approved for use.

50 patient pilot data on early AMD patients showed promising results at 12 months
- 44% reduction in accumulation of drusen, a key risk factor of AMD progression
- 64% of patients at greatest risk of AMD progression were down-staged

Outlook:
- 2RT represents a substantial, proprietary opportunity for Ellex (patents to 2027)
- Initial orders under limited commercial roll out to early adopters
- 24 month pilot data to report in 2014, answering Q of maintainability of benefit over long term
- US clinicians gain access as 2RT is approved for Diabetic Macular Edema (DME) since July 2013
2RT™ – LEAD Clinical Trial Update

Major clinical study called LEAD launched in Nov 2012. Multi-centre, double-blind, 1:1 randomised controlled study in up to 300 high-risk bi-lateral intermediate AMD patients

- Primary endpoint is reduced progression to advanced AMD in those patients treated with 2RT™ v sham laser assessed by ocular examination, colour fundus photography, OCT and fluorescein angiography at 36 months, drusen reduction and improved fundus appearance
- Secondary endpoint is progression to advanced AMD in the non-treated eye
- Protocol allows for single administration of 2RT™ and then 6 monthly repeats in treated group

Additional resources committed in 3Q CY13 to the trial:

- 17% recruited (n=51) at mid September 2013
- As at 1 March, recruitment at n = 109 or 36%, representing a 19% increase over 5.5 months
- Number of centres has expanded from 2 in FY13 to 5 as at 1HFY14
- Recruitment benefiting from results of pilot study
- CE Mark anticipated to drive further interest in study
- Anticipate recruitment to complete in 2015, with results anticipated asap after completion
Outlook for 2H FY14

Important factors influencing outlook:

- Demand for SLT, UltraQ Reflex for Vitreolysis and new multi-wavelength photocoagulator continues to be strong
- Production ramp up continuing with third shift commenced on some product lines. Supply chain management, production staff training and safety and product quality is the focus
- Continued FX tailwinds compared with same period in 2013
- Canaloplasty revenues for the 6 months ending 30 June 2014 are expected to be in line with $4m annual rate at the time of acquisition
- Near-term sales in Japan are to benefit as customers bring forward sales decisions as a result of Japanese government announcement to increase the VAT rate on 1 April and 1 November 2014
- Conditions in Europe continue to be uncertain

Outlook:

- Sales continue to accelerate with 8 month YTD sales growth of +21% on pcp vs 1H growth of 17.7%. This trend is expected to continue for the remainder of 2HFY14
END