



Investor Update March 2015

Action Plan 2015

ASX: OSL



New Technology To Provide Safer Radiotherapy Treatments

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Pancreatic Cancer

Unmet Medical need

- 280,000+ pancreatic cancer incidence yearly world wide (1)
- Approximately 45,000 new patients diagnosed with pancreatic cancer in the US each year
- Poor prognosis -Median survival ~8 months and 5 year survival less than 7%

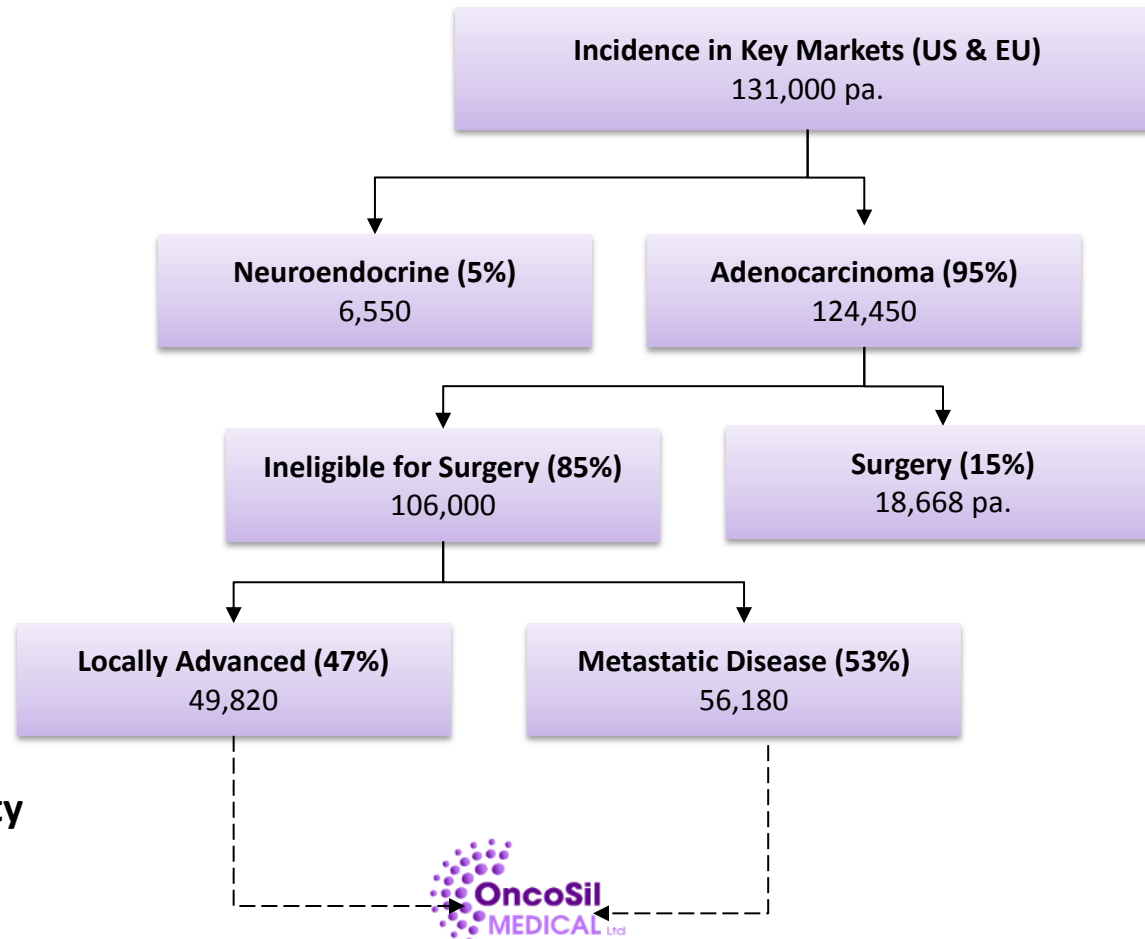


Target Market

- World market for pancreatic drugs is projected to exceed \$1.2b by 2015 (2)
- Current Chemo regime in excess of \$60,000 per annum

Patient Pool assumptions – US & EU Only Locally Advanced

US new cases pa: 46,000
EU new cases pa: 85,000



Potential Market Size
(>105,000 pts p.a)

Total Market Opportunity
(>\$1 Billion)

Clinical Trials Completed



- BIOSP-201: A single dose, single centre open label phase I/II safety study in hepatocarcinoma, recruitment 31 May 2004 – 09 March 2005, 8 patients enrolled
- BIOSP-202: A multi-centre, dose escalating study in hepatocarcinoma, recruitment 17 Oct 2005 – 27 Sept 2006, 11 patients enrolled
- DB2-201: A multi-centre, open label, phase IIa, safety study in patients with advanced unresectable adenocarcinoma of the pancreas, recruitment 16 Sept 2006 – 21 Jan 2008, 17 patients enrolled
- DB2-202: A multi-centre, open label, phase IIb, dose escalating safety study in patients with advanced unresectable adenocarcinoma of the pancreas, recruitment 30 Jun 2008 – 12 Aug 2009, 6 patients enrolled

Pancreatic cancer: Clinical data to date

Clinical Trial Results

- 17 locally advanced pancreatic cancer patients in single arm study
- Significant anti-cancer activity – **disease control rate of 82%** : 4 Partial Responses, 10 Stable disease and 3 Progressive Disease
- Average reduction in pain of 35% - with a maximum reduction of 69% between weeks 8 and 11 following implant
- Median progression free survival was 121 days
- Median overall survival was 309 days or 10+ months (compared with a typical 5.7 months with gemcitabine alone)








OncoSil Corporate Goals: 2015

- Finalize design of Pivotal Study for Pancreatic cancer protocol by end of Q2 2015
- Recruit 1st patient in Pivotal Study by end of Q3 2015
- CE Mark approval by end Q3 2015
- IDE approval by Q4 2015



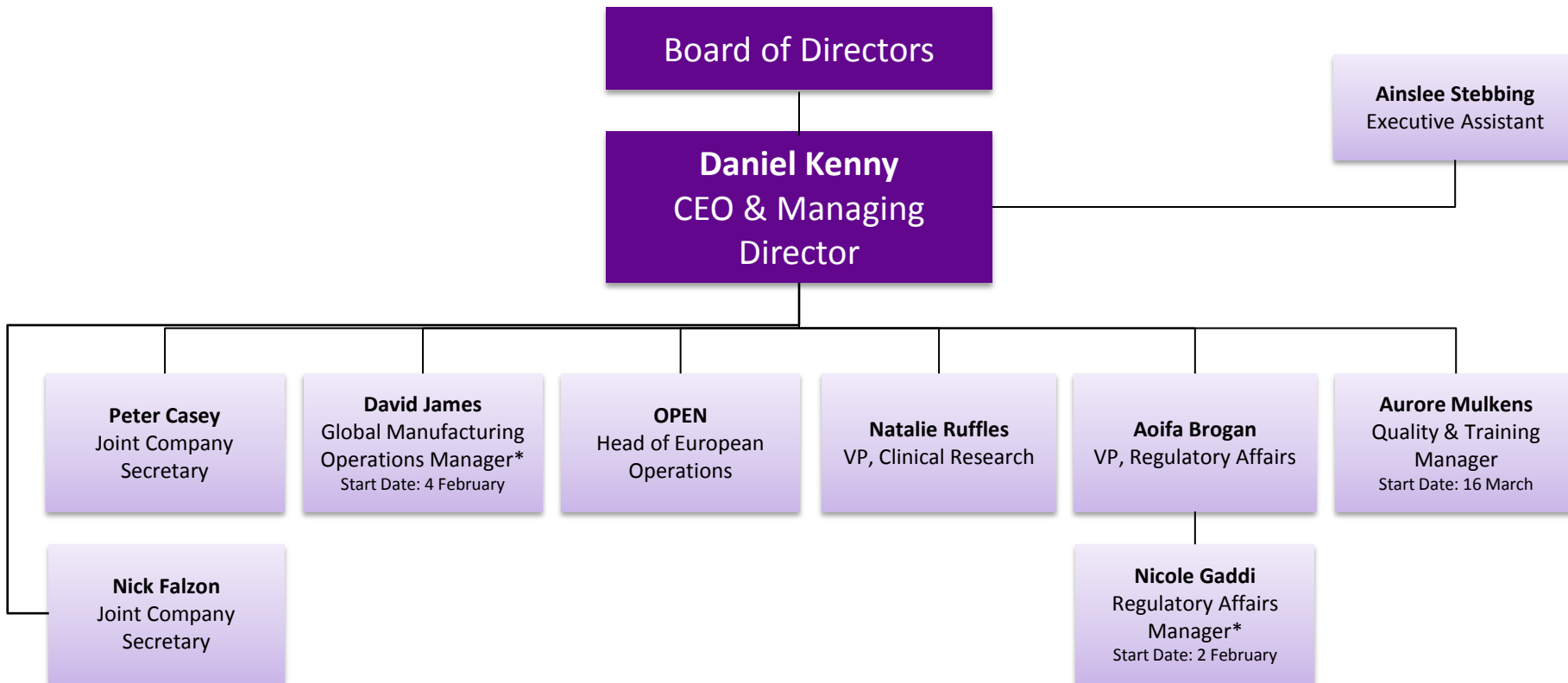
Global Regulatory Strategy

Device Registration Plan for Key Pharmaceutical Markets

Calendar Yr	H2 2014	H1 2015	H2 2015	H1 2016	H2 2016	H1 2017	H2 2017
OncoSil™ Pivotal study							
IDE			Q4 Approval				
FDA							
CE Marking			Q3 Approval				
Sales in EU, Canada & Aus							

OncoSil's global registration strategy is with CE (Conformité Européenne) mark, and with the United States FDA (Food and Drug Administration). IDE: Investigational Device Exemption.

Organisational Chart



* Short term Contract position (3-6 months), with view to permanent role

Capital Structure

ASX code	OSL
Market Cap (February, 2015)	\$A29m
Shares on issue	355m
Cash (31 December, 2014)	\$A6.3m
R&D Credits & Pre-payments	\$A2.55 M
Total Cash and Credits	\$A8.85M

Average Burn rate: \$A 460K per month

Cash reserves to Q4 2016

Investment Thesis



1. OncoSil Medical has strong leadership
 - New management, energised and focused.
2. High unmet medical need.
 - Pancreatic cancer has one year survival of 26% and five year survival of 6%
3. Current treatments are lacking.
 - Gemcitabine was approved 18 years ago.
 - Abraxane (approved 2013)
 - Median overall survival has increased by 2 months to 8.5 months over the past 20 years
4. Sufficient Clinical Data to secure CE mark in Q3 2015.
5. EU Commercialisation in 2015 possible following CE Mark authorisation.
6. Single Pivotal Study sufficient to secure FDA PMA approval.
7. Pivotal Study to commence 'active recruitment' in Q3 2015.