

OBJ Overview

- Transdermal Drug Delivery (TDD) company
- Develops enhanced TDD solutions for the pharmaceutical & cosmetic industries

Focus	Transdermal drug delivery technology & products
Head Quarters	Perth, Australia
Employees	4FTE & 3 consultants
Facilities	Pre-clinical transdermal drug delivery laboratory
Technology	Dermaportation – electronic transdermal drug delivery ETP – enhanced transdermal polymer
IP	3 national & 2 international patent applications

Achievements | FY07

- Validate effectiveness of OBJ Technology across range of molecules & applications
- Developed and filed patent application for new ETP technology platform
- Advanced device development hardware, designs & cost-effectiveness



- Demonstrated ex-vivo delivery of multiple small molecules < 500 KDa
- · Lipophilic and hydrophilic molecules
- Uncharged and charged
- ·Non-polar and polar

• Demonstrated preliminary evidence of bioequivalence for transdermal vaccine delivery

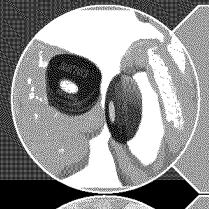


- Appointed pharma-experienced BD consultants in EU & US
- Appointed pharma/biotech experienced COO
- - Initiated BD discussions with majority of large pharma
 - Signed Feasibility Agreement with large pharma for undisclosed application
 - Signed Feasibility Agreement with GSK for multiple applications in Consumer Healthcare
 - Initiated BD discussions with potential cosmetic partners



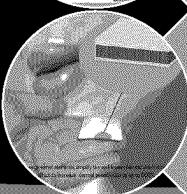
OBJ Technology Platforms

2 active TDD technology platforms that use electromagnetic energy fields to control molecular movement and dermal permeability without disrupting the skin barrier



Dermaportation: electronic drug delivery system

 Enables controlled drug delivery for high-value orescription products



Enhanced Transdermal Polymer (ETP): Intero-engineered biphasic polymer that Utilizes book head as its energy source

 Enables continuous delivery for cost-competitive OTC animal realin and dosmetic products

Ex vivo Studies | Skin Diffusion

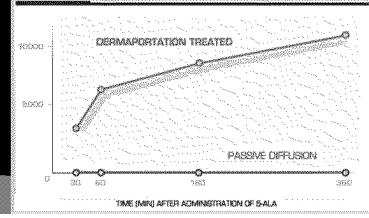
>175 ex vivo studies using human and pig epidermis across a broad range of molecules & applications

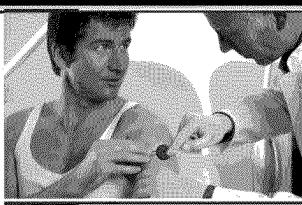
 $\mathsf{Drop}(\mathsf{Addicton} + \mathsf{patherone})$

Topical Anesthesia – lignocaine, prilocaine, tetracaine

Pain/Inflammation – diclofenac hydrocortisone implans

Demandary-regiens





Pilot Studies | Human & Anima

Topical Anesthesia

 Double-blind placebo controlled pilot clinical study demonstrated decreased time to onset of numbness from Tetracaine of 1 hr to 15 min post-admin



Transdermal Vaccination

 Pilot animal study demonstrated Dermaportation delivered Glanvac[™] vaccine achieved bioequivalence (Ab) to intra-muscular injection at 2w post-booster vaccination



OBJ Delivery Solutions

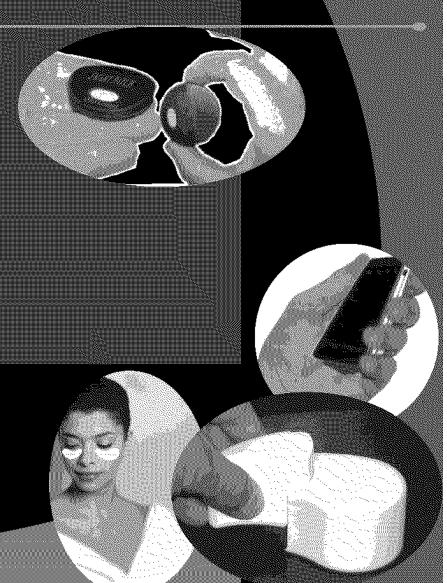
Pharmaceutical solutions

- Single-use disposable patches
- · Re-usable "smart" devices

Cosmetic solutions

- Personal care "smart" devices
- Cosmetic patches & facemasks
- Cosmetic packaging solutions & applicators

 GMP approved contract manufacturing partner/s





Dermaportation | Advantages

- Non-invasive and well tolerated
- Fast onset and controlled release
- Topical & systemic delivery
- Delivers small and large molecules >500KDa
- Delivers lipophilic & hydrophilic molecules
- Transdermal delivery rates of 200-1200µg/cm²/h
- Effective for low-concentration formulations
- Improves patient compliance
- Customised delivery solutions & IP opportunities

Business Model

Early-stage licensing deals to large pharma partners

- Leverage platform technologies to improve existing molecules
- Minimize development risk by developing projects to POC stage
- Seek partner to fund clinical, regulatory & marketing phases

Bullo revenues from

- Contract research fees for feasibility studies
- Licensing fees, milestones payments & royalties
- Supply of TDD products/components to cosmetic partners
- Outsource manufacturing to approved manufacturers

Partnering Process

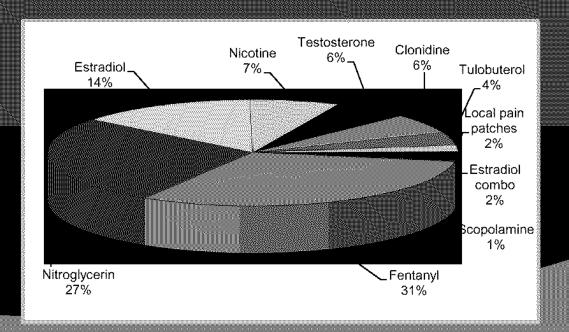
OBJ collaborates with industry partners to develop enhanced transdermal delivery solutions for target drugs and commercial requirements. OBJ provides a cost-effective and risk-balanced approach to evaluating transdermal opportunities

Step	ППпе
CDA: Enables information sharing and confirmation of delivery requirements for target drug and application	
2. Transdermal Feasibility Assessment: Ex vivo program to determine the suitability of the target drug/product to Dermaportation	~3-4 w
3. Delivery Field Optimization: Ex vivo program to match the delivery fields to the specific drug characteristics and optimize delivery profile	~12-16 w
Clinical Validation: In vivo initial pharmacokinetics in animal model to validate effectiveness	~4-8 w
5. License/Supply: Commercial agreements for licensing, codevelopment or supply are available for a range of products, applications and territories	Varies



TDD Market & Products

- Global TDD market US\$13.7B & CAGR 28%¹ (2007)
- Traditional applications pain management,
 cardiovascular, hormones, smoking cessation & travel sickness
- New applications Pain, CNS, vaccines, peptides & dermatologicals



Future Milestones

- Results of PK study for small molecule/s
- Complete POC for vaccine delivery
- Complete POC for therapeutic peptide
- Results of skin efficacy studies for cosmetic actives
- Secure new Feasibility Agreements for partner molecules
- Secure licensing deals based on successful results
- Secure strategic alliance for cosmetic products



Financials | Mar-07

Ticker	ASX: OBJ
Share price	A\$0.053
52 week Hi/Lo	A\$0.09/0.04
Market Cap	A\$24M
Shares (listed ASX)	457.7M
Options (unlisted)	58.2M
Top 20 s/holding	53%
Management s/holding	15%
Cash @ 31/03/07	A\$2.25M
Cash burn/month	A\$90K

OBJ Team

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Internationally experienced Board & management with scientific, technology development, business development and corporate expertise

Board	 Dr Chris Quirk Mr Glyn Denison Mr John J Palermo
ehmology //	Mr Jeffrey Edwards, MD

Dr Maud Eilkenboom, Head Development

· Mr Jeffrev Edwards

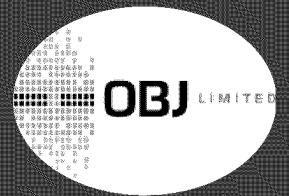
• Dr Leearne Hinch, COO (appt Mar-07)

Summary

- OBJ is a pure-play drug delivery company
- Proprietary TDD technologies represent a paradigm shift in active transdermal delivery
- Large global markets with multiple applications
- Dermaportation delivers a broad range of molecules, MW, lipophilicities & formulations
- Demonstrated safety & effectiveness in multiple ex-vivo & in-vivo studies
- Strong interest from large pharma, specialty pharma & animal health companies with multiple discussions/ evaluations underway







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