



Stemmed Implant Technology

2017

Our investors' smiles are about more than great teeth

Overview for Investors

Stemmed Implant Technology is a Canadian based medical device development company poised to revolutionize the \$4B dental implant industry. We are looking for investors who see the potential of our patented, disruptive technology and systems that are interested in growing with us as we shape a significant profit opportunity in an industry that has remained unchanged for 40 years. We are looking to raise \$5.0 million to take the company through regulatory approval and the development of an extensive network of licensees.

The Technology

Stemmed Implant Technology draws on nature's design – why not imitate nature?

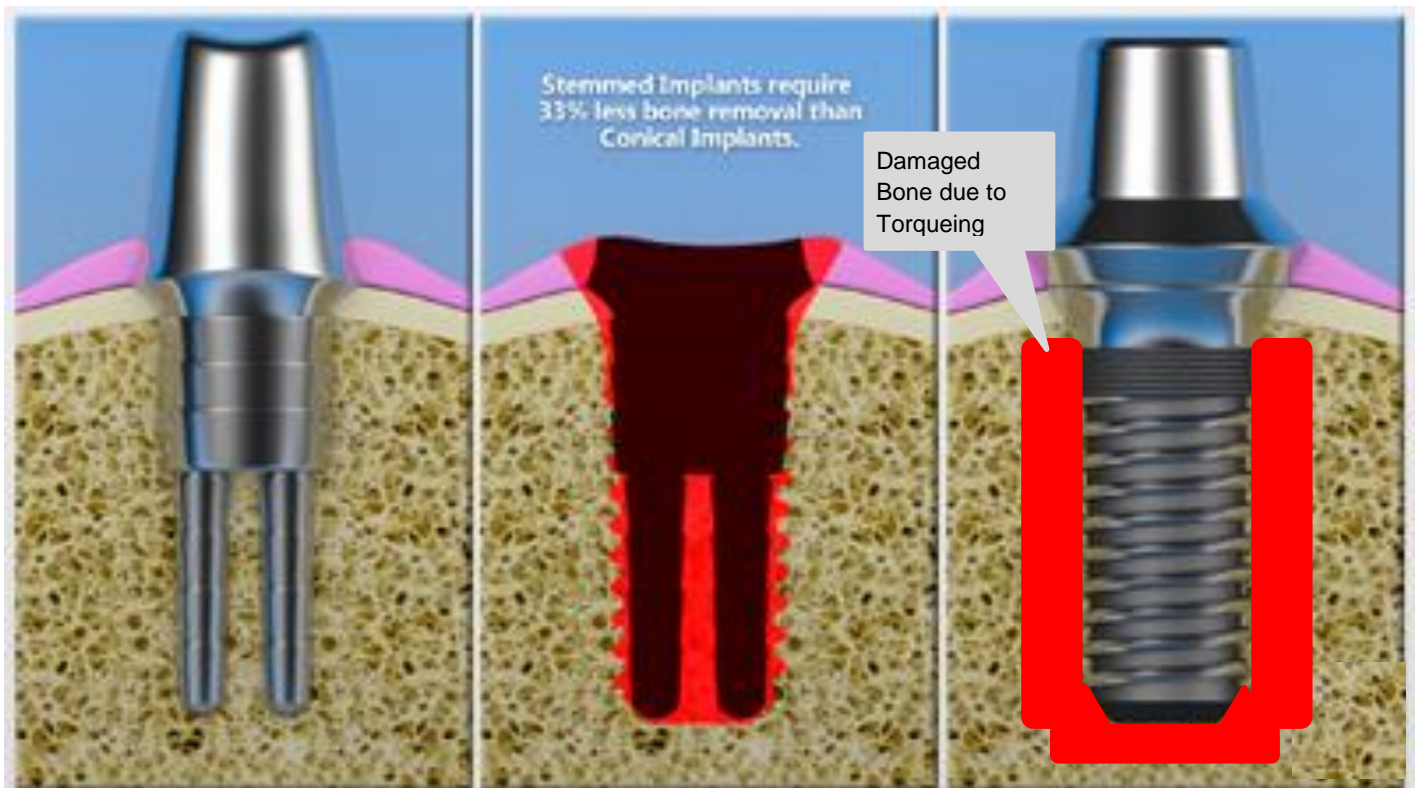
Stemmed Implant Technology has developed and patented the next generation of dental implant products. Our biomechanical design offers significant advances over existing options. They include:

- Barb lock, screw-less, anti-torque design - the implant is simply tapped into place.
- Consistent dentogingival contour
- A less invasive, simplified procedure
- Precision and simple placement
- 33 percent reduction in bone tissue removal
- Immediate and accelerated healing of adjacent bone
- Ultimate resistance to the 3D and torque forces that cause implants to fail
- Reduced need for CAT scans
- Manufactured via 3D metal printing

The Market

Stemmed Implant Technology is committed to advance products through development, clinical and regulatory pathways to establish clinical efficacy, safety and commercial viability. As these key clinical and commercial factors are established, the company will seek appropriate licensees to further commercialize - produce, market and distribute - our products.

“We’ve simplified the procedure to the point where dentists with minimal training can accurately place the implant. It’s simple, convenient and cost-effective. Stemmed Implant Technology has revolutionized the way we integrate implants with bone and simplified the process for ensuring accurate placement” Dr. M. P. Lococo



The Stemmed Implant Advantage

Easier and more successful procedures:

The traditional dental implant process is complicated, time consuming. Although the process can be lucrative, only a small number of dentists perform the procedure. Stemmed Implant Technology has developed a system - with associated technologies – that make the process easier to perform, increases the surgical success rate and reduces the time involved for both dentist and patient.

A BIT OF MATH

Conventional implant

The average cost of an implant: \$4250 US

Supplies and implant costs: \$1250 US

Average number of required visits: 12

Dentist share per visit: $(\$4250 - \$1250) / 12 = \$250$

Stemmed Implants

The average cost of an implant: \$4250 US

Supplies and implant costs: \$1250 US

Average number of required visits: 3

Dentist share per visit: $(\$4250 - \$1250) / 3 = \$1000$

If a dentist maintained the same cost per visit as with traditional implants, the Stemmed Implant would cost just \$2250.

Time and cost effective: With a simplified process that cuts the number of dental visits by 67%, dentists have the opportunity to make more money per implant.

Ready to go to market internationally: The use of implants in North America is regulated by the US FDA and Health Canada. Stemmed Implants is actively working to obtain required regulatory approval but has also entered into licensing discussions with international clinics with less restrictive regulatory. SIT is now open to international investment/partnership.

Independent Studies:

- Sigma Design Studies showed:
 - Resistance to mechanical forces
 - Total required bone volume removal for insertion
 - Increased surface area for osseointegration
- McMaster live-bone animal Studies showed:
 - Significantly less initial bone damage
 - Immediate osseointegration of implant
 - 250% greater total bone growth (3 wks) compared to an industry leading conical implant

An investor focused strategy:

Stemmed Implants has no plans to become a manufacturer. As markets mature and health approvals are obtained, the company will license the technology to one or more of the 200 dental implant manufacturers, as well as a network of distributors. Alternatively we will sell the technology outright to the highest bidder.



The Market

The dental implant business is lucrative. With growing interest in cosmetic dentistry, industry research suggests sales will reach \$6.8B by 2024.

With Stemmed Implant's simplified implantation system and significantly improved implant success we project that many more dentists will choose to offer implants to patients – thus increasing the available market significantly.

QUICK FACTS

- *Europeans are the heaviest users of dental implants, but industry research suggests North America and the Asia-Pacific region will be the growth center for the next three decades – we are future-minded.*
- *Dental implants already represent a substantial 18% share of the global dental device market, but growth has been restrained by the time, complexity and costs associated with traditional implants.*
- *Just two per cent of potential implant candidates have had the procedure.*
- *In the United States there are 200,000 dentists, but less than 15 per cent do implants.*

Towards Commercialization

Since 2015 Stemmed Implant Technology has moved progressively toward commercialization. Highlights have included:

- Pre-commercialization production runs of implants at the Advanced Manufacturing Resource Centre at Mohawk College in Hamilton, Ontario Canada.
- Comparative Engineering Analysis of the implant, Sigma Design, Springfield, New Jersey, USA
- Successful performance of implants under fatigue/stress testing, Dental Research Institute, Faculty of Dentistry, University of Toronto,
- Live animal testing at McMaster University demonstrated initial and prolonged osseointegration.

As Stemmed Implant prepares to move into the clinical trials, we've engaged the University of Texas. The trials will 20 -25 patients. In parallel SIT will be filing a 510K with the FDA, that should accelerate SIT's entry into the market.

All stemmed implants are created using additive manufacturing process (3D metal printing) that is another advancement to the archaic dental implant industry.

The Path Forward

Stemmed Implant Technology will develop, promote and license its products and applicable technology to established implant companies. The partnerships will allow the company to enter the international market in timely and efficient manner, generating revenue quickly for operations and for investors. We plan for full regulatory approval 12-16 months after attaining capital. S.I.T. plans on licensing or selling our technology within the next 12 months. Financial details for licensing/selling available from S.I.T.

Financial Proposition

Details of the available investment opportunities are available in your Investors Package or by contacting: Martin Lococo at MJLococo@stemmedimplant.com

"We were impressed with the concept and look forward to clinical procedures"
Dr. Christensen of Gordon J. Christensen
- Clinicians Report



www.stemmedimplant.com

Our Management Team

Management and Board Members

Paul Sheppard
President and Board Member

Dr. Michael P. Lococo, DDS
CTO, Founder, and Board Member

Martin J. Lococo, P. Eng.
CMO and Board Member