

PROFILE

Innovative R&D leader with 20 years of international experience in need identification, solution development and market implementation for the orthopedic industry. Managed multiple cross functional project teams leading to several successful product launches, in turn, generating millions of dollars in revenue with double-digit growth.

SKILLS

Innovative design creation
Problem solving
3D modeling
Specification definition
Risk management
GD&T
Manufacturing
Team leadership
IP development
Marketing material creation
Medical education
Customer relations

LANGUAGE FLUANCY

English * * * * *
French * * * * *
Spanish * * * * *

PROFESSIONAL INTEREST

Pursuit of innovation in all sectors.
Mentorship: sharing my knowledge and guiding others.
Interested in development efficiency and "making it happen" effectively.
Travel and customer interaction.

I provide innovation, design expertise and project leadership to companies focused on solving unmet needs and improving the daily lives of others

BUSINESS CONTRIBUTIONS

Spine Wave, Shelton CT - Sr. Director New Technology Dev.

Oct.12 - Sept.17

- Medium size private company
- Responsible for the development and launch of the "Leva® Expandable Interbody Spacer", the only monolithic titanium expandable spacer offering the largest graft chamber on the market
- Worked with regulatory to build a strategy leading to 510(K) clearance in Q1-15
- Added four line additions within six months of the product launch
- Invented and led the development of MIS instrumentation improving surgeons' experience
- Introduced the system in the EU (Germany) in Q4-16
- Collaborated with marketing and medical education to implement training programs for sales representatives and assisted in case coverage across the country
- Received the Spine Technology Award 2015 for Minimally Invasive Spine (NASS 2015)

Santa Clara Technology, Mountain View CA - Founder

Aug.08 - Oct.12

- Startup company
- Founded to focus exclusively on an unmet need in the interbody fusion space: the ability to allow bone grafting of the disc space through an expanded spacer
- Secured a small angel investment and a partnership with a manufacturing supplier to develop, prototype and test the technology (bench and cadaveric)
- Transferred the "Leva®" technology after the acquisition by Spine wave on Oct. 15th, 2012

Simpirica Spine, San Carlos CA - Product Development Manager

Jul.07 - Oct.12

- Startup company
- Managed the instrumentation development of a dynamic stabilization system post bony decompression marketed as "LimiFlex®"
- Designed and led the development of a second-generation system to streamline the manufacturing process and simplify the surgical technique, resulting in increased growth
- Developed, structured and implemented the EU medical education program

Kyphon, Sunnyvale CA - Spine Project Engineer

Jan.04 - Jul.07

- Medium size public company
- Inventor and development lead for "Aperius®", the first percutaneous implant system for the treatment of lumbar spinal stenosis by indirect decompression
- EU key opinion leaders training development programs
- Product launched at Eurospine 2006, Istanbul, Turkey
- Strategic Intellectual Property development for investigative technologies

Medtronic, Memphis TN, Roissy France. - Product Dev. Engineer

Mar.98 - Dec.03

- Developed a pediatric deformity correction system in collaboration with pediatric surgeon Dr. Larry Lenke, Leading expert in complex deformity.
- Technology transfer, FDA approval and US launch of a low profile pedicle screw based tension bend previously invented and developed while working in Europe.
- Development of multiple line additions, including implants and instruments (US & EU).
- Research project and design feasibility using shape memory alloy.

EDUCATION

- Ecole Universitaire Jean Perrin, Marseille, France
 - BTS Conception de Produits Industriels, June 1995
- University St Charles, Marseille, France
 - Material Structure Analysis, April 1996 - DEUG A
- University of Trollhattan, Sweden
 - Total Quality Management, June 1997

AWARDS

- University of Trollhattan, Sweden - Total Quality Management, June 1997
1st place in "Trollhattan University Graduation Project Contest"
Subject: "Analysis of the different parameters influencing the variation of silica dust density, a bi-product of steel manufacturing. The research resulting in a method to better optimize its use in the making of concrete.
- NASS 2015: Awarded the "Spine Technology Award 2015 for Minimally Invasive Spine" for the Leva® Expandable Interbody Device.

INTELLECTUAL PROPERTY

51 US patents, approximately 56 pending US applications, and 80 international published applications.