

INVESTORS PRESENTATION

April 2018

Safe Orthopaedics: key highlights



Company

- French company created in 2010
- Headquarter in Eragny sur Oise (Paris suburbs)
- 36 employees as of Dec 31, 2017
- Listed on Euronext Paris Compartment C (IPO Date on Feb 10, 2015)



Technology

- Leading the Spine Fracture Market
- Pioneer and Leader of Spinal Instrumented treatment with Single Use Technology
- Broad patents and patent filings portfolio encompassing 17 product families



Commercial Footprint

- Growing direct presence in Europe, starting with France and Germany
- Distributors in Europe & Latin America & Asia
- 2017 Revenue of €3,1m (+37% versus 2016)



At a glance

- More than 10,000 surgeries performed
- €36,3m equity raised since inception
- Equity market value of €11,6m (April 12th, 2018)

A 'Spine' Experienced team



Pierre Dumouchel – Co-founder and CEO

- 13 years of experience in the spinal medical device industry
- Master's degrees in Management from the CNAM and in the Engineering of Advanced Materials from the Advanced Institute for Technology and Management



François-Henri Reynaud- CFO

- ▶ 13 years of experience in financial affairs
- Expertise in fundraising



Thomas Droulout – Co-founder and CTO

- ▶ 15 years of experience in the spinal medical device industry, including 10 years in R&D with Spine Vision
- Master's degrees in Management from the CNAM and in the Engineering of Advanced Materials from the Advanced Institute for Technology and Management



Recruiting on Going – Head of Sales

Expected in Q2



Pascale Davis - Global Head of Marketing

- 18 years of experience in marketing and scientific affairs with Zimmer Biomet, Synthes and SpineArt
- Degree in Sports Sciences, specialised in anatomy, physiology and traumatology



Recruiting on Going – Operations director

Expected in Q2

A 'Worldwide Business' Experienced Board

Dr Alain Coudray Chairman of the Board of Safe Orthopaedics



Dr Alain Coudray is an international veteran of the Medical device industry with more than 20 years of experience. Since June 2006, he has occupied several important posts with Medtronic, notably as European Vice President of the Cardiac Rhythm Disease Management business unit, then as Vice President Global Corporate Clinical Affairs since 2014. Before joining Medtronic, Dr Coudray was Vice President Central and Eastern Europe & Distributors for Guidant, based in Vienna, Austria. Dr Coudray is an active member of the Advisory Committee of MD Start, an incubator specialised in MedTech and based in Paris, and he has been a member of the Board of EUCOMED (European Medical Devices Industry Association). He has a medical degree from the University of Grenoble, holds an MBA from HEC Paris and completed his training with an executive programme at the Kellogg School of Management in the USA.

Pominique Petit
Founder of and consultant
to Safe Orthopaedics
Non-voting Board member



Dominique Petit is the co-founder of Safe Orthopaedics. He started his career with Sofamor, a pioneer in this medical field. He was originator of the design of CD Horizon (Legacy), a product that is still widely marketed by Medtronic today. In 1999, he co-founded SpineVision SA (Paris), for which he was Technical Director for 10 years. Having been involved in designing more than 30 products for the spine, Mr Petit is one of the most experienced engineers in this field. He has worked in collaboration with the most innovative and reputed spinal surgeons in the world.

Michael DeMane Chairman of the Board of Nevro Corp



Michael DeMane is Chairman of Nevro Corp., a Silicon Valley firm that is a leader in the medical devices sector. Mr DeMane led Nevro as CEO from March 2011 to June 2016, driving this start-up with an initially negligible turnover to the rank of a leading global actor in the spinal cord stimulation market. Mr DeMane has achieved numerous strategic and operational successes at the helm of international firms of all sizes in the medical technologies sector. Over the past 35 years, he has occupied several management posts in the USA, Europe and Asian-Pacific countries. Before joining Nevro, Mr DeMane held several posts with Medtronic, Inc., and worked as a senior advisor with Thomas McNerney & Partners and Oak Hill Capital. He sits on the Boards of several companies including Cardionomic, Rotation Medical and Safe Orthopaedics. Mr DeMane completed the INSEAD Advanced Management Programme in Fontainebleau, France. He also holds a Master's degree in bio-engineering from Clemson University and a degree in chemistry from St. Lawrence University in Canton, New York.

Thierry Laugel Chairman of the Board of Kurma Partners



Thierry Laugel co-founded Kurma Partners in 2009 after leaving AGF Private Equity. He benefits from 25 years of experience in the life sciences field, working for venture capital firms and in industry. He is a pharmacist, and also holds a PhD and an MBA. Mr Laugel began his career in 1992 as R&D Project Manager for Laboratoires Fournier in Japan. After obtaining his MBA at INSEAD in 1996, he joined Flamel Technologies, just after the company had successfully been introduced on the Nasdaq, and managed its portfolio of candidate products in their development phase. In 1998, he moved to the finance sector, working first of all for the Caisse des Dépôts et Consignations (CDC), then with AGF Private Equity (Allianz Group) where he supervised the team responsible for investments in the health sector. Mr Laugel has managed investments in more than 25 companies, including Actelion, Arpida, Targacept, Adocia, Auris and Erytech. He is currently a member of the Boards of Meiogenix, Pathoguest, Blink Biomedical, Asarina Pharma and Minoryx.

Marie Landel, Founder of Marie Landel & Associates



Marie Landel is a qualified chartered accountant who has been based in Boston since 1990. She has considerable experience in supporting French and European medical technology firms in the USA, benefiting as she does from important networks among funders specialised in healthcare.

A 'European High level' Scientific Advisory Board



Pr Le Huec, France Head of the Spine Orthopaedics & Traumatology department CHU, Bordeaux



Dr Franke, Germany Orthopaedics Surgeon Magdeburg Hospital



Dr Van Gaalen, the Netherlands Orthopaedics Surgeon Diakonessenhuis Hospital, Utrecht



Dr Faundez, Switzerland Orthopaedics Surgeon La Tour Hospital - Geneva-Meyrin



The Spine pathologies











1/ Spinal Fracture:

- High impact fracture, due to an accident,
- Osteoporotic fracture, due to reduced bone quality of ageing patient,
- Malignant fracture, due to reduced bone quality of metastasis patient

UNPREDICTABLE SURGERY, OFTEN THREATED IN EMERGENCY CONDITIONS
GROWING SEGMENT DUE TO GROWING & AGEING POPULATION & MIS TREND

2/ Degenerative disease

- · Disc disease,
- Small deformity due to reduced efficiency of Ligaments, muscles

PREDICTABLE SURGERY, OBSERVED DURING FEW MONTHS BEFORE THREATED BY AN INSTRUMENTED SURGERY (WITH IMPLANTS)

3/ Complex Spine Deformity

- Idiopathic scoliosis of teenagers
- Deformity of ageing patient

PREDICTABLE SURGERY, OBSERVED DURING YEARS BEFORE THREATED BY AN INSTRUMENTED SURGERY (WITH IMPLANTS)

The Spine pathologies are commonly treated with implants

The classic technologies used for the last 60 years...

Implants to be sterilized





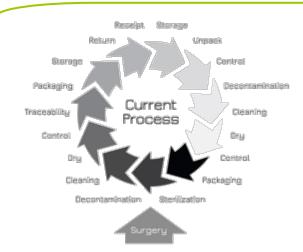


Reusable Instruments









Hospital manages the surgical process

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The improvement of the Spine Surgeries...

1950 2010

Technologies were enhanced to improve the post-operation quality of life





The surgical risk is reduced thank to the 'Sterile' environment

The Minimally Invasive Surgical approach is recommended

The trend of Minimally Invasive Surgery...

The Minimally Invasive approach

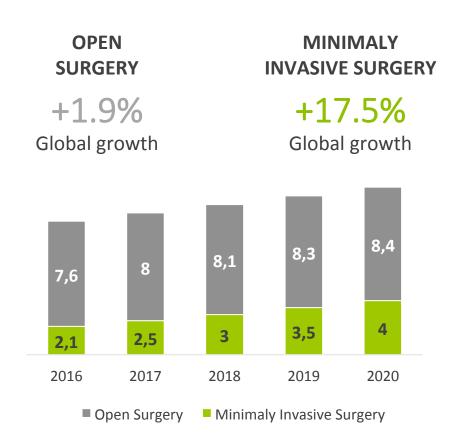
The Minimally Invasive approach provides better clinical outcomes:

- less blood loss,
- less transfusion need,
- less postoperative back pain,
- quicker recovery, and shorter hospital stay



Worldwide Spinal Fusion market (B\$)*

* Data from Millennium 2015



The Minimally Invasive Surgery is the growing trend

The potential market of Minimally Invasive Surgeries...

In 2017, Less than 20%* of the surgeries are managed by Minimally Invasive approach

Pathologies analysis

Based on pathologies analysis and surgeons interviews, the potential conversion to Minimally Invasive Surgeries is:

90% of Spinal fracture

50% of degenerative disease

Less than 5% complex Deformity



75%

55% of all spinal pathology can be converted to MIS

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^{*} Source: DATA MILLENIUM

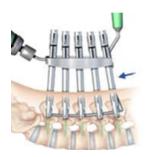
The Minimally Invasive Solutions...

More than 70 players* promote Minimally Invasive solutions













But all technologies presents the same characteristics



3 boxes minimum needed, containing between 35 to 60 complex instruments:



Cannula, small area, small mechanism are designed =>The Cleaning / Sterilization become complex

Metal instruments are produced by machining process => The design & ergonomics option are limited

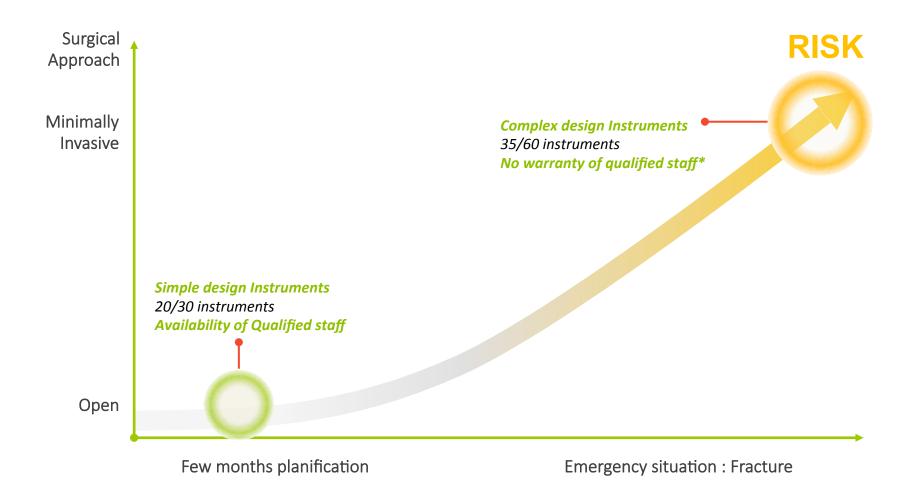
Thin parts are fragile and damaged after dozens of surgeries

- => The surgical gesture could be less precise
- => The inspection after each surgery is needed

The Minimally Invasive Solutions can be optimized & request high qualification of Surgeons and Nurses

^{*} Source: Spine Market Group

The limits of the reusable technologies

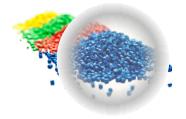


The Minimally Invasive surgery needs new solutions to be streamlined

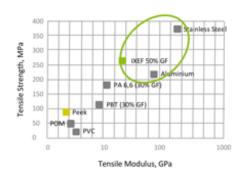
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^{*} Source: Birgit Thiede1, Axel Kramer2, (1) Regional Council, Darmstadt, Germany, (2) Institute of Hygiene and Environmental Medicine, University Medicine Greifswald, Germany; GMS Hygiene and Infection Control 2013, Vol. 8(2), ISSN 2196-5226

Safe Orthopaedics, A new generation of MIS...



Safe Orthopaedics design new generation of MIS instruments thank to a High Performance polymer







- All shape are possible improving the ergonomy of instrument
- Instrument are Radiolucent
 - The screw insertion is easier to control
 - X rays exposure is reduced
- Instruments cost is significantly reduced offering the Single Use Option
 - No touch procedure = Less risk of infection
 - Preloaded instruments = Less surgical steps, Surgery time reduced
 - The instrument are always new: the surgery gesture is more precise

The Single Use technology offers a Safer Surgical Gesture to Surgeon

Safe Orthopaedics, A new generation of MIS...

Multi-function Instruments

High Performance polymer+ Molding Process



T Position handle or Straight Position handle

Counter Torque



Implant Holder



Classic handle or Ratchet System Handle

One single use Kit



Orthopaedics Technology makes Easier & Safer Minimally Invasive Surgeries
Available Any Time, Any place...

Safe Orthopaedics, A unique combinaison of MIS Implants

An Unique Combination of Implants Based on Same Instrument Technology











Safe Orthopaedics delivers Solutions for all type of Fractures

A unique solution offering unrivaled advantages

Pathology treatment

Classic Player

Safe Orthopaedics

Unadapted

Efficient

Optmized

Optmized Efficient

Unadapted



Surgery preparation

Degenerative disease

Complex Deformity

Fracture

Surgeon assistance

Complex

High qualification needed

Easy

Less qualification needed



Minimally Invasive Surgery Cross contamination risk

Depending instruments consignment

Possible

Infection risk

100% Reduced 66% Reduced*

Any time, Any place



Surgical flow

Logistics Cost

Technology Cost

Close to 3h per Surgery Expensive

Implant Invoiced

80% reduced**

Reduced

Implant & Instrument invoiced

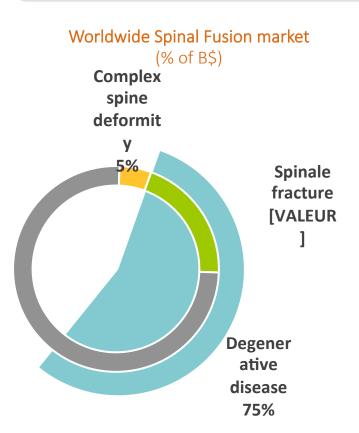
Safe Orthopaedics offers benefits for all stakeholders

Sources: *S. Litrico et al, Eur J Orthop Surg Traumatol, DOI 10.1007/s00590-015-1692-4, Accepted: 10 August 2015, Springer-Verlag France 2015

**L. Durand et al, Poster presentation at the 26th Europharmat days – Bordeaux, 11th – 13th October 2013 "The benefits of single-use instrumentation in spine surgery."

The Strategy to convert the Spine Market...





1/ Promote the Safest MIS treatment for all Spinal Fractures

In 2017

• Safe Orthopaedics leads the Posterior Fixation of all fractures

2/ Promote other technologies for degenerative disease

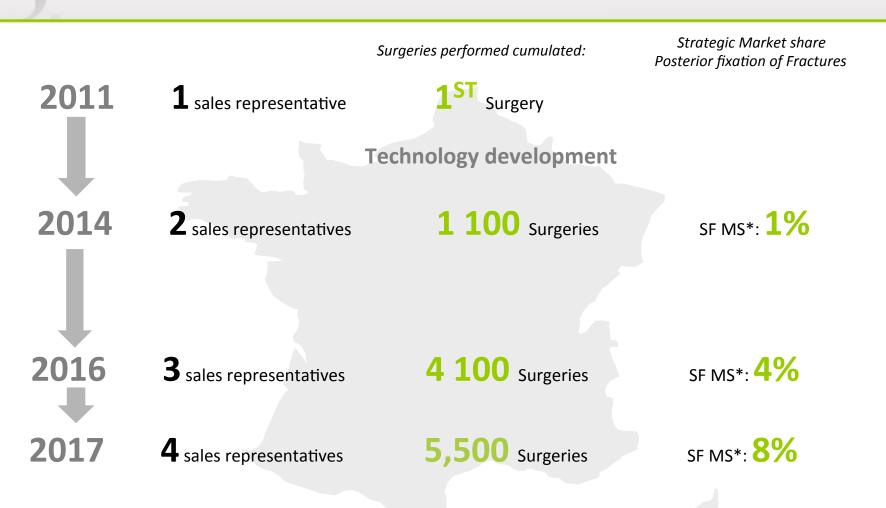
In 2017

• Safe Orthopaedics promotes lumbar and Cervical cages

Safe Orthopaedics aims to Lead the Spinal fracture Segment and speed up the market conversion to Minimally Invasive Surgery

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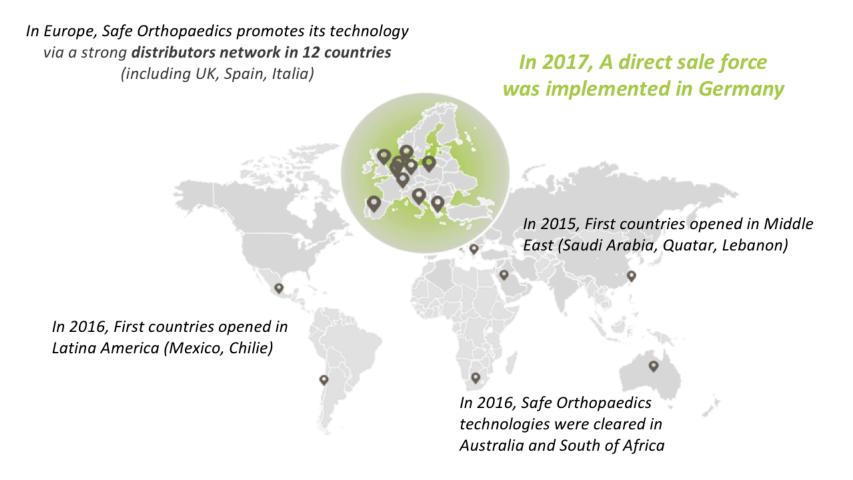
The success in France...



In 2018, the 7 reps are targeting significant market shares

^{*} Market share of Spinal Fracture Posterior fixation

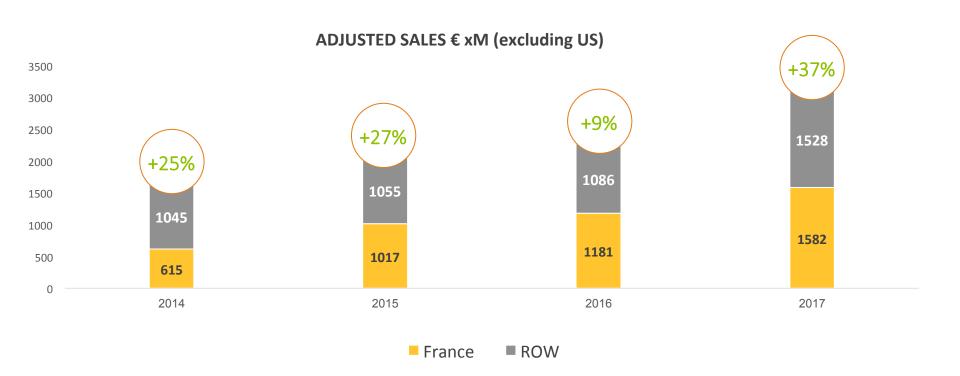
The worldwide expansion...



In 2018, Safe Orthopaedics technology is used in 20 countries

In 2017, Safe Orthopaedics achieved its strongest business growth

Thank to the reinforcement of sales and marketing team (45% of human resources) and the worldwide expansion:



Sales growth was doubled in France, achieving +34% +42% in the Rest of the world

The Strategy for creating value in the coming 3 years

2018

France, Germany and UK

2019

New Technology & Japan 2020

New Technology & Finance

France

Recruit 2 new reps for an optimized national sales organization

Germany

 Accelerate conversion of surgeons in the first European Spinal fracture market of €80M

- Launch and promote MIS
 Technology for all Spinal
 Fractures
- Open the Japan market

- Propose new services for catalyzing the trend of ambulatory surgeries
- Prove efficiency of the "Safe cash model"

UK

Reinforcement of the sales in a 85% gross margin market

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The Safe Cash Model...

Thanks to the Single Use Instrument technology,
Safe Orthopaedics is developing a unique Cash model in the Spine Industry

Classic Reusable Instrument Kit





VS.

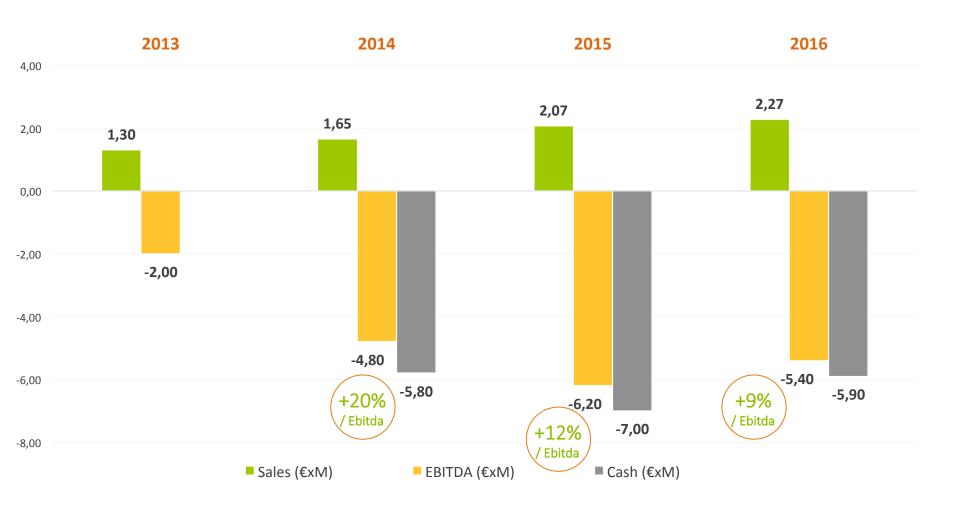


Indirect costs of the reusable instruments kit (CAPEX) are two to three times greater than the cost of the single-use kit

Minimum inventory per customer: 25k€ vs 5k€

Compared to classic model, Safe Orthopaedics generates sales growth with limited investment and reduced working capital

The Safe Cash Model...



When the EBITDA + will be achieved, Cash will be generated:
A unique cash model in the Spine Industry

Why invest in Safe Orthopaedics?

- Unique technology leading the growing spine trends (MIS & Spinal fracture market)
- Limited risk: Products already on the market, validated by more than 10,000 surgery kits sold

- New marketing strategy that is paying off
 Adjusted¹ 2017 revenues: +43%

 - Products listed since April 2017 in every AP-HP hospital in the Paris region

- Invest to finance the acceleration of this new strategy
 Step up development in France with new sales hires

 - Replicate the success achieved in the French market in Germany, a market 7 times 2 bigger than France
 - Launch new products to become the Spinal Fracture leader
 - Finance new direct sales forces & strategic partnership/opportunities in order to accelerate sales and achieve asap the brekeven

1 Adjusted for operations in the United States discontinued since March 1, 2016 2 Source: Millennium (2016 Europe Spinal Implants market analysis)



Financials







Capital

Share data (at April 12th, 2018)



ISIN Code	FR0012452746
Listing	Euronext Paris
Share price	0,485 €
12-month high	1,224 €
12-month low	0,483 €
Number of shares	23,9 millions
Market cap.	11,6 M€

Non-diluted ownership

