

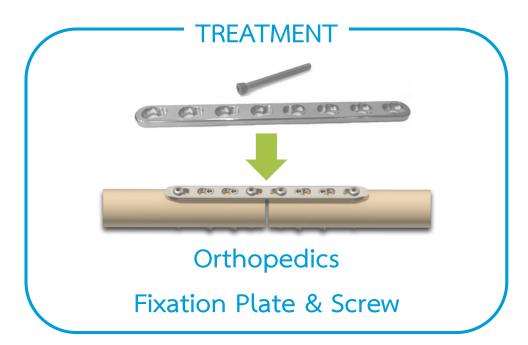
Smart Orthopedic Fixation NSTDA INVESTOR'S DAY 2018





every 3 second

someone gets broken bone





Reference: IOFBONEHEALTH

Innovation and Technology I

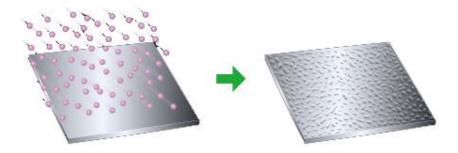


Fine Shot Peening (FSP)

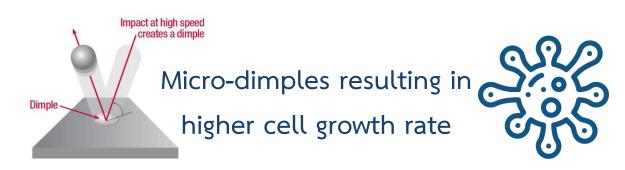
Fine particle: 20-200 µm

Impact speed: 360+ km/h

Material: Metal, Ceramic, etc.







KEY FEATURES

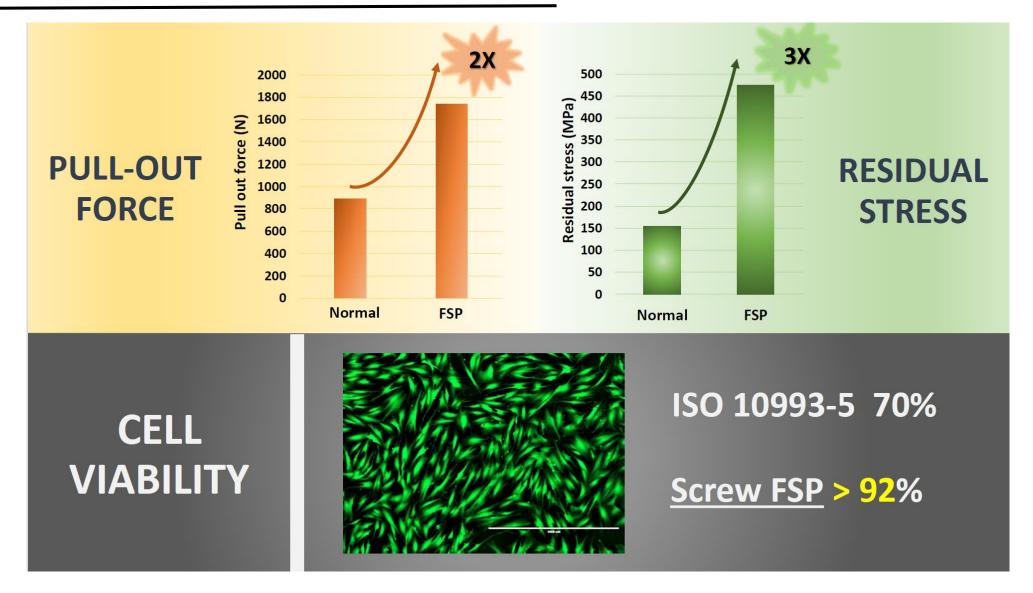
Decrease Friction

Improve Fatigue Strength

Improve Pull-out Strength

Thinner & Lighter & Better

Innovation and Technology II

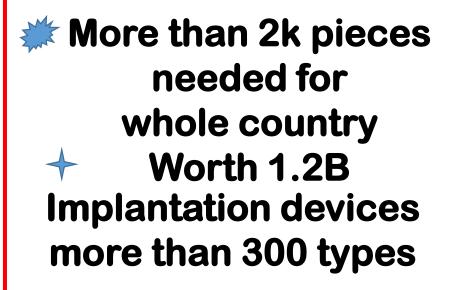


Market Size

Market value in Thailand has been increase every year







Reference: Customs Department

Business model and/or Marketting plan







Medical doctor training program/
Doctoral course support



• Comptroller General's

government sectors

• Innovation registration for

department





Talent mobility program,
Cooperation program
(Expect:50-60% cut cost
from imported products)



Export











Investment







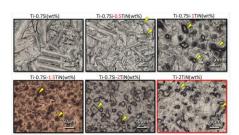
Fabrication



Animal test







Mechanical and biological properties evaluation



Prototype

- Investment amount: 50MB
- IP: University and Industry









Founded on 2005
focusing on
Research and innovation

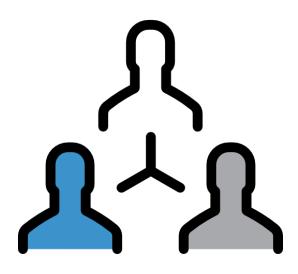


Mechanical engineering

Smart Material Technology

Biological engineering

Expertise



Cross-functional partners
Engineer & Technologist
Metallurgist & Biologist
Doctor & Hospital
Etc.

Hall of Fame



