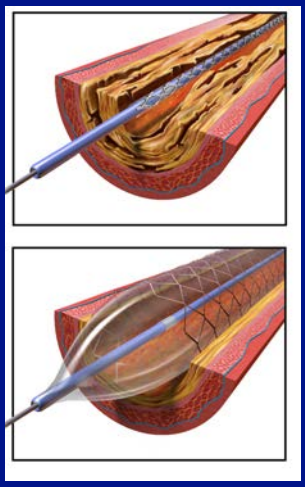
TECHNOLOGY OFFER

3D TUBULAR PRINTER

In 2012, 17.5 million people died due to cardiovascular diseases worldwide, representing the 31% of total deaths. In cases such as myocardial infarction, the difficult open heart surgery can be replaced by *stents*, a products produced by the TUBULAR PRINTER 3D printer. In 2013, sales of stents were $ 4.89 billion, which could reach $ 5.65 billion by 2020.



TECHNOLOGY DESCRIPTION

Stents are spring-shaped devices that help correct obstruction of the arteries. The **3D TUBULAR PRINTER** technology allows the manufacture of bioabsorbable stents by 3D printing in 3 axes with great dimensional accuracy, achieving complete resorption and total disappearance. This technology also allows the manufacture of other tubular medical microdevices.

APPLICATION AND TARGET MARKET

The **3D TUBULAR PRINTER** technology allows the manufacture of tubular medical microdevices applicable to cardiovascular diseases. In the value chain of the product, the possible licensees are manufacturers of medical devices.

COMPETITIVE ADVANTAGES

- Reduction in the production process of polymer biodegradable stents from 6 to 3 stages:

- Reduction of delivery deadlines, personnel, materials, etc.
- Unit cost reduction for stents up to $ 100, with a unit margin of 500%.

TIME-TO-MARKET
The technology is ready for being marketed

DEAL SOUGHT
License agreement

RESEARCH GROUP
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