Cell Based Therapies for Arrhythmias

Title: Cell Based Therapies for Arrhythmias

Invention: The invention is a tissue engineered cardiac patch, which improves left ventricular function. The patch is made from microscopic thin fibers that serve as a scaffold for cells to adhere to.

Applications:

- Pharmaceutical industry
- Biotechnology and medical device companies
- Hospitals
- Surgical centers
- Research laboratories

Advantages:

- Novel alternative to current clinical standards
- Increases blood supply
- Improves function and growth of heart muscle cells

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