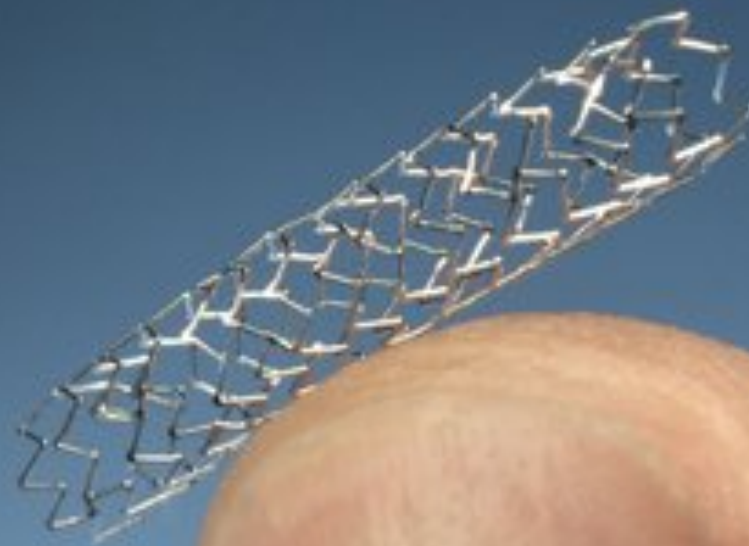


A tiny
stent with
a power to
give your
life back



Bi-VERVE[®]
Stent system



For thousands of years we have administered drugs to treat body's ailments

Nervous system

Superhighway controls everything



Trigger



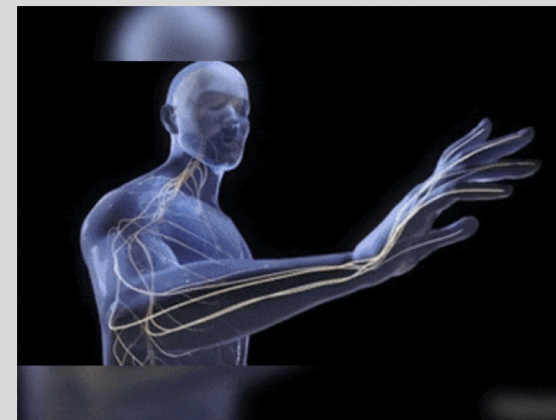
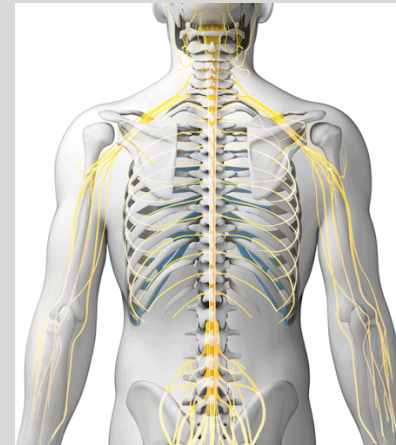
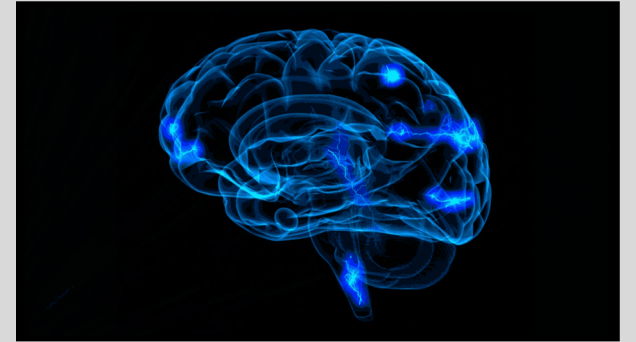
Production of proteins/ molecules

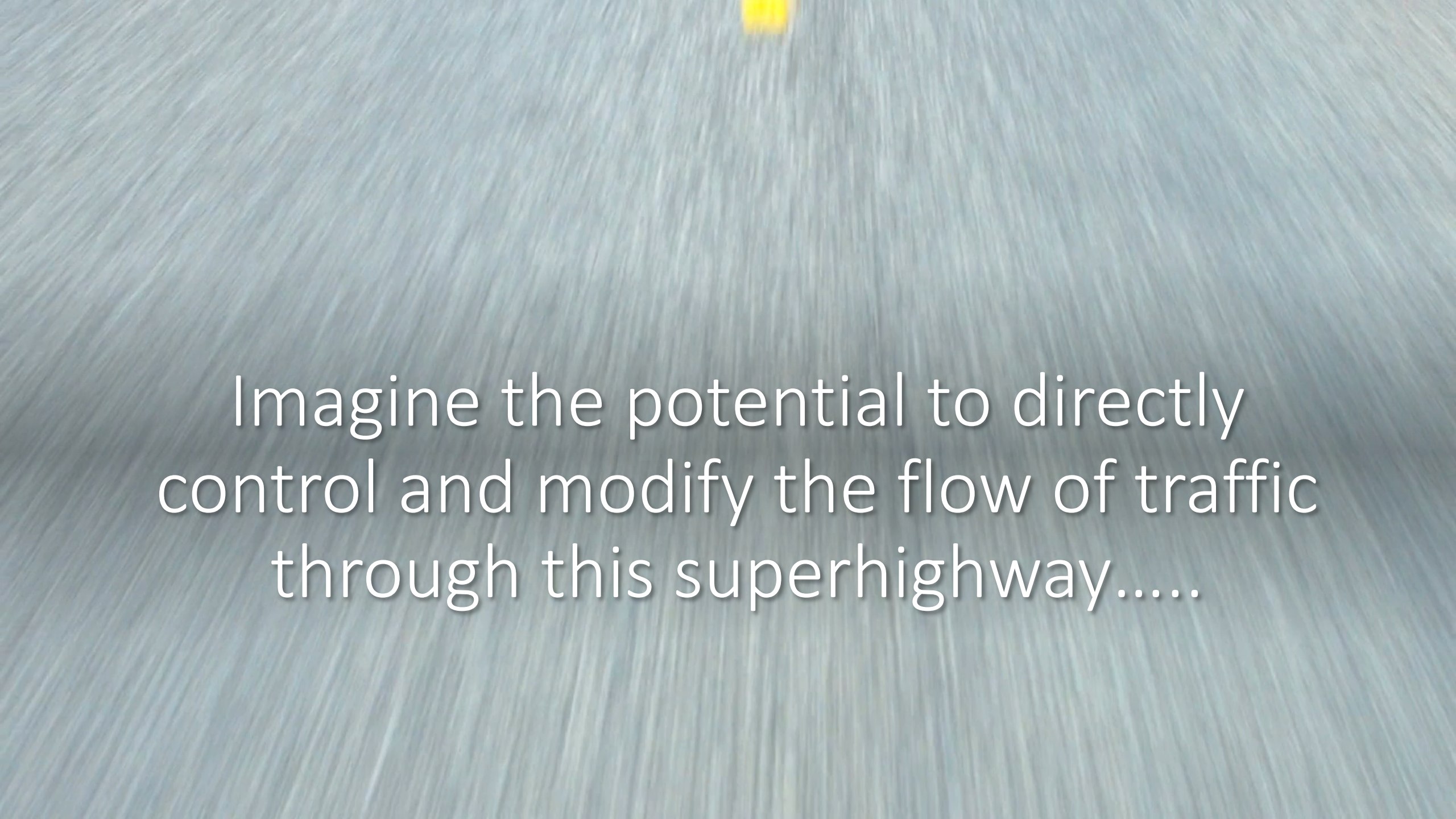


Immune response



Inflammation of joints/organs

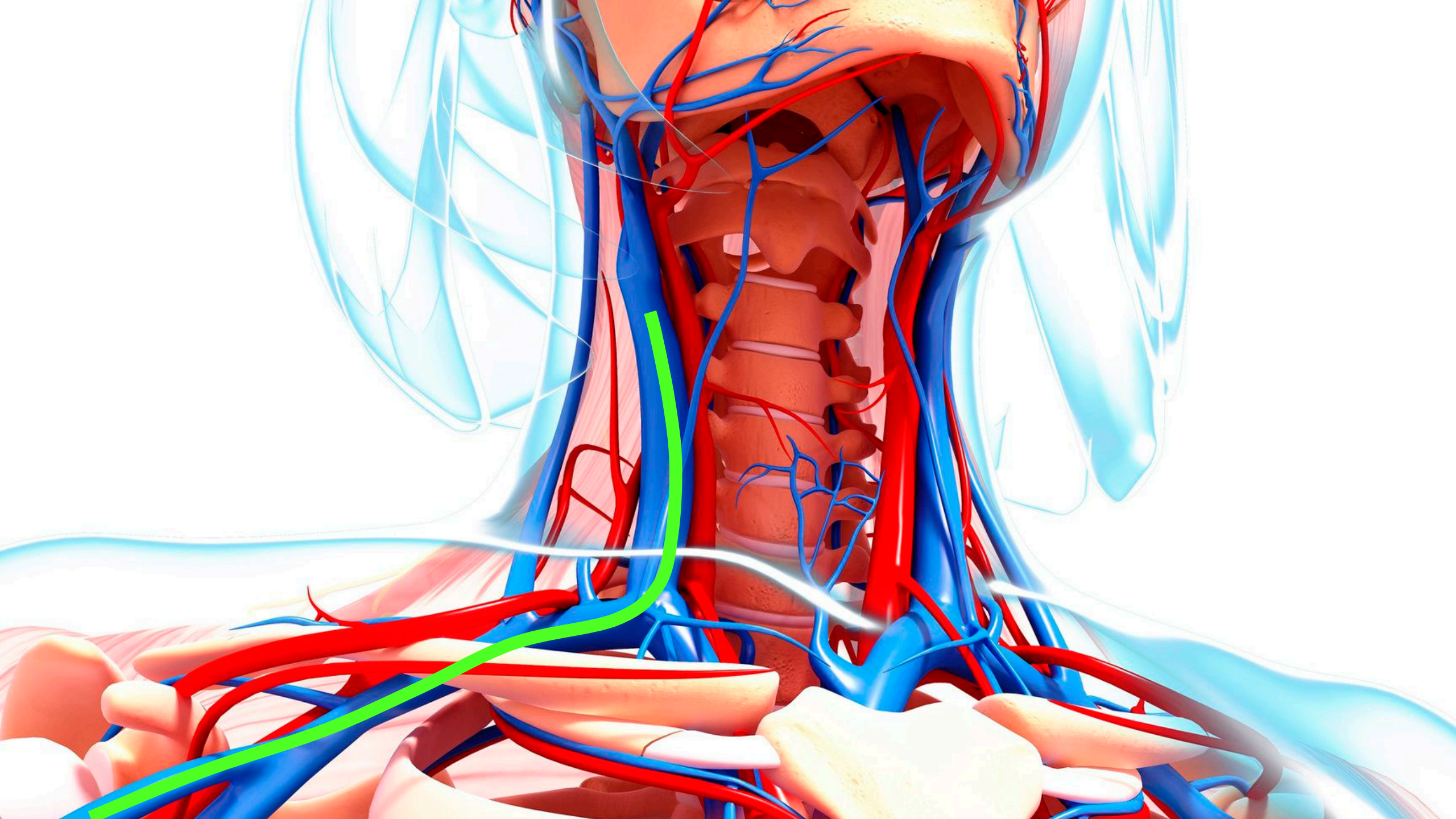


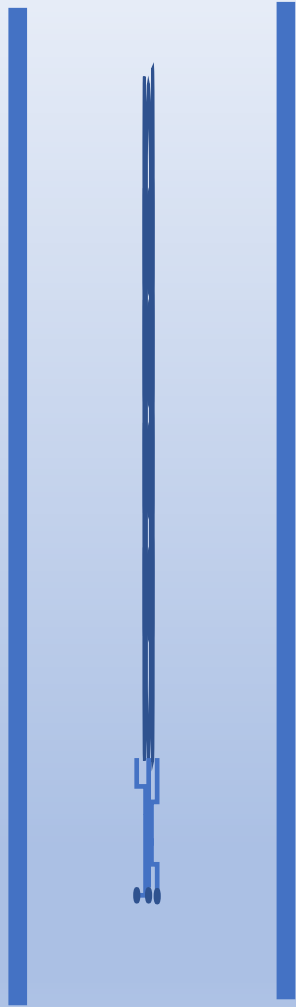
The background of the image is a blurred, high-speed view of a road, likely a highway, with a yellow light source at the top center. The text is centered and reads:

Imagine the potential to directly control and modify the flow of traffic through this superhighway.....

As simple as that.....



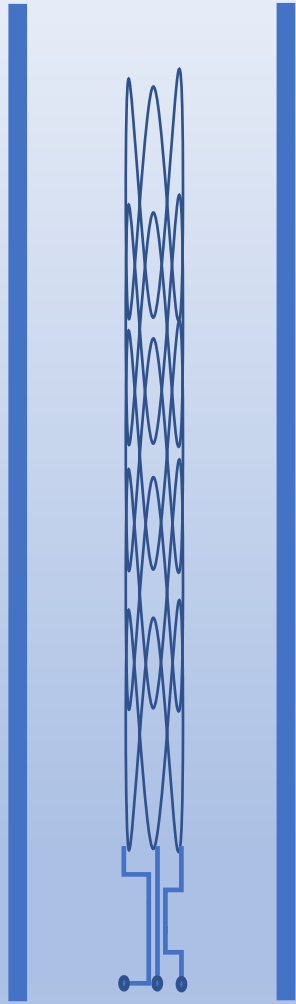




Fluoroscopic guidance

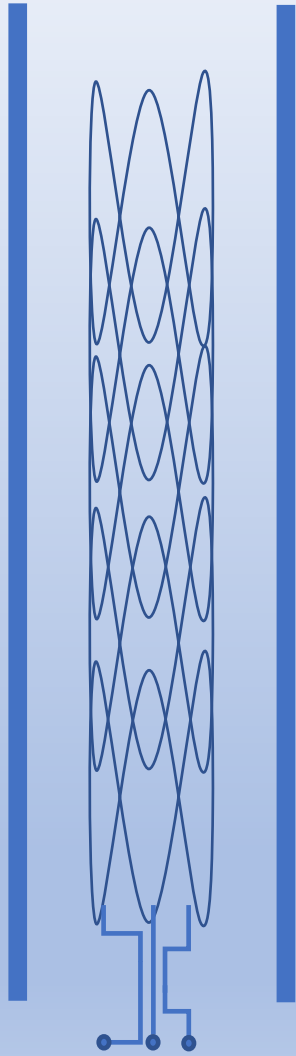
Peripheral vein cannulation

Guidewire-catheter assembly

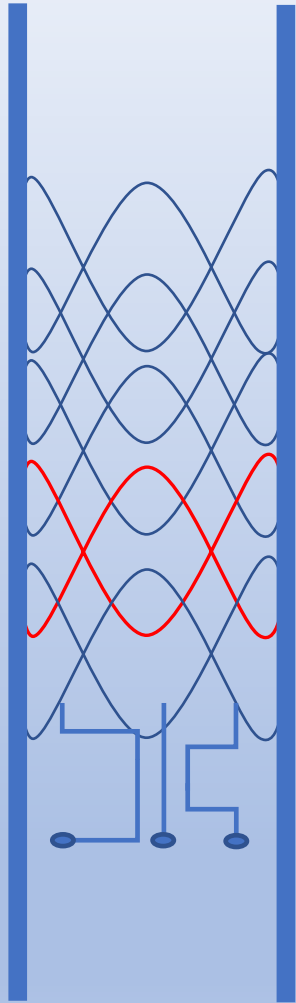


Reach intended target

Unfold the stent construct



Repositionable and retrievable

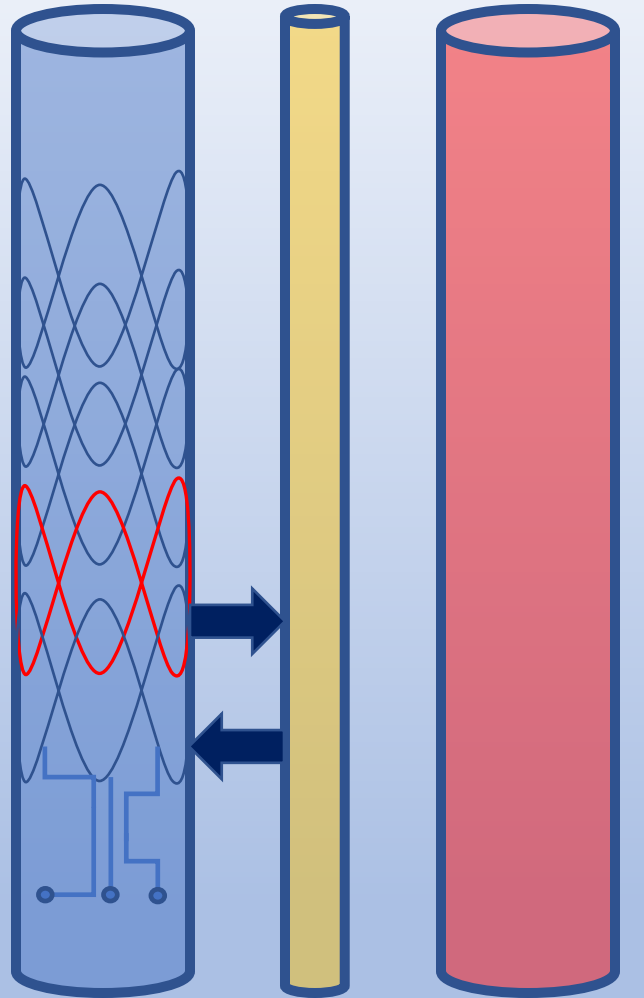


Patented technology

Electroactive construct

Battery

Electronics for sensing and stimulation

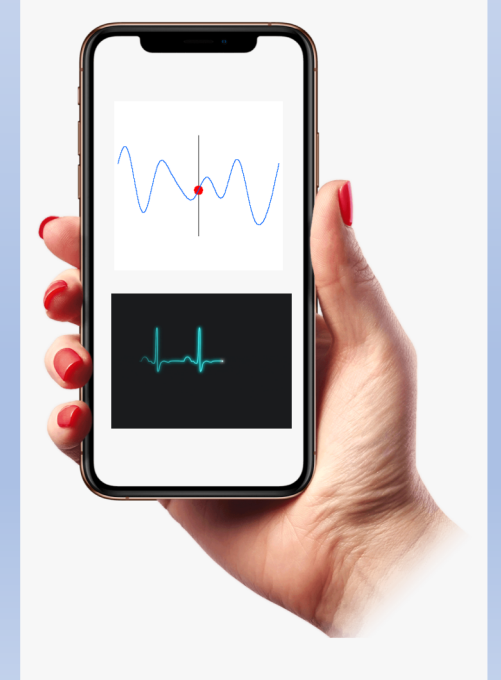


Jugular vein

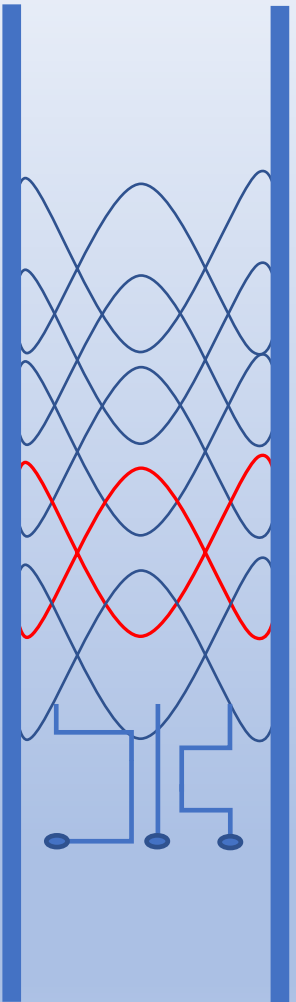
Vagus nerve

Carotid artery

Vagus nerve stimulation

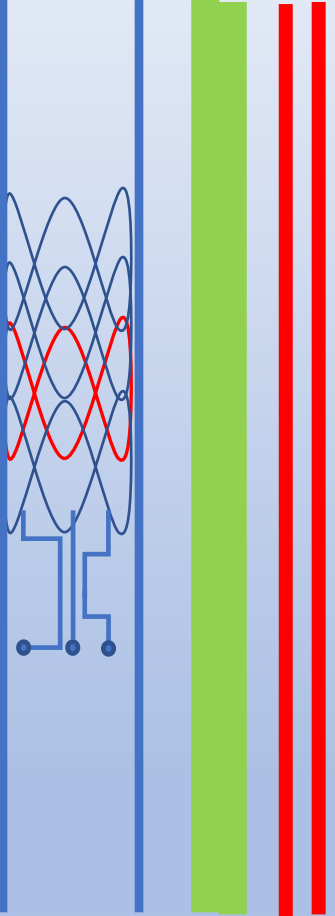


Transmit stent



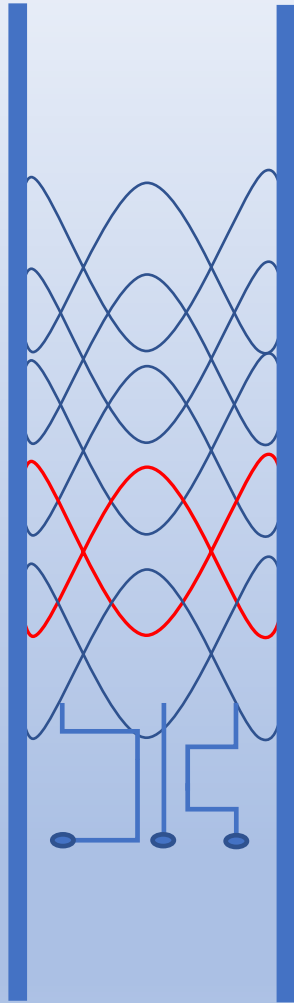
Major vein

Receive stent



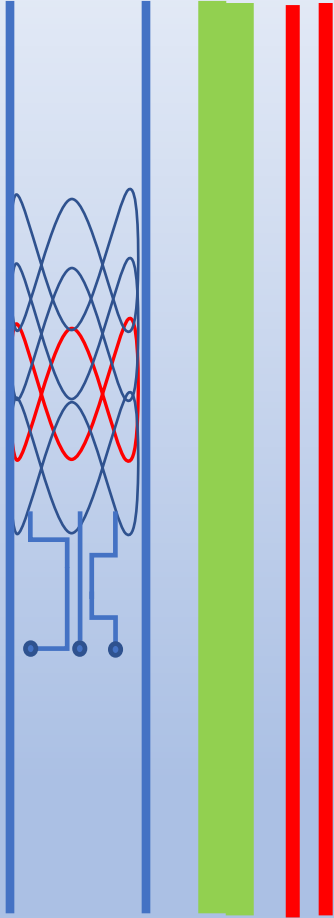
Vein Nerve Artery
Neurovascular bundle

Transmit stent



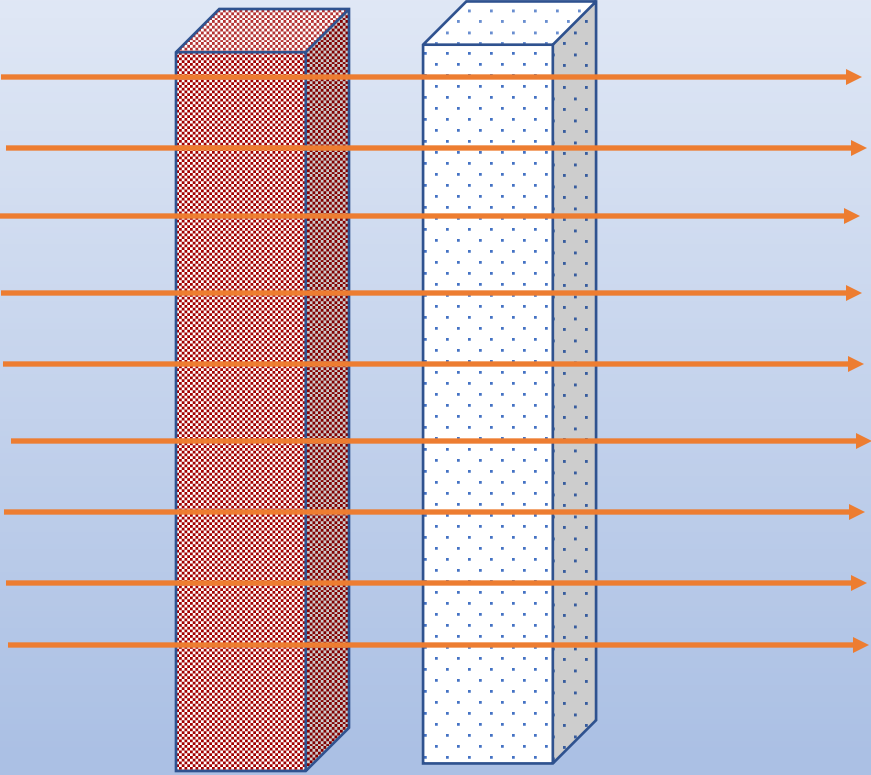
Major vein

Receive stent



Vein Nerve Artery

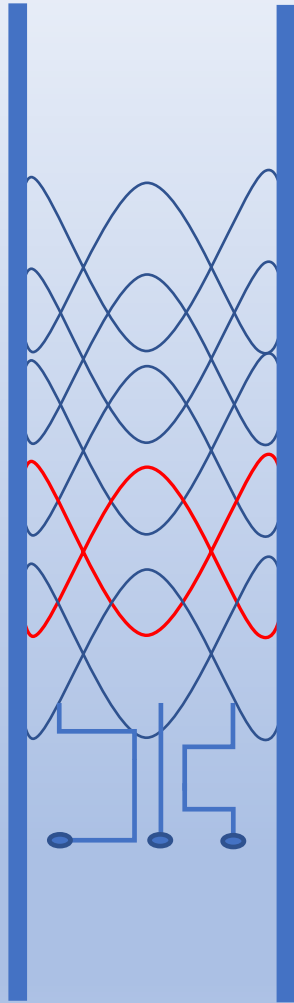
Neurovascular bundle



Muscle

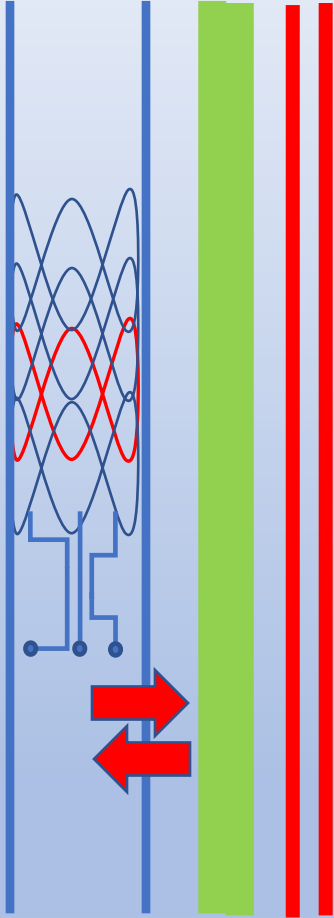
Bone

Transmit stent



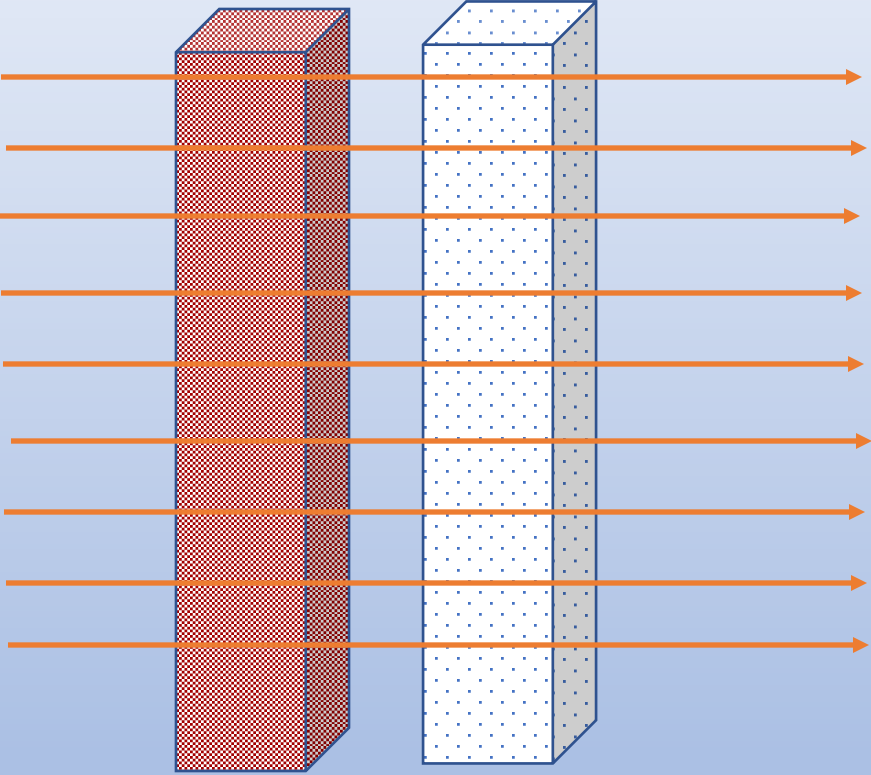
Major vein

Receive stent



Vein Nerve Artery

Neurovascular bundle



Muscle

Bone

A Band-Aid and
30 minutes is all
that is needed
to rebuild your
life back!





MakeAGIF.com



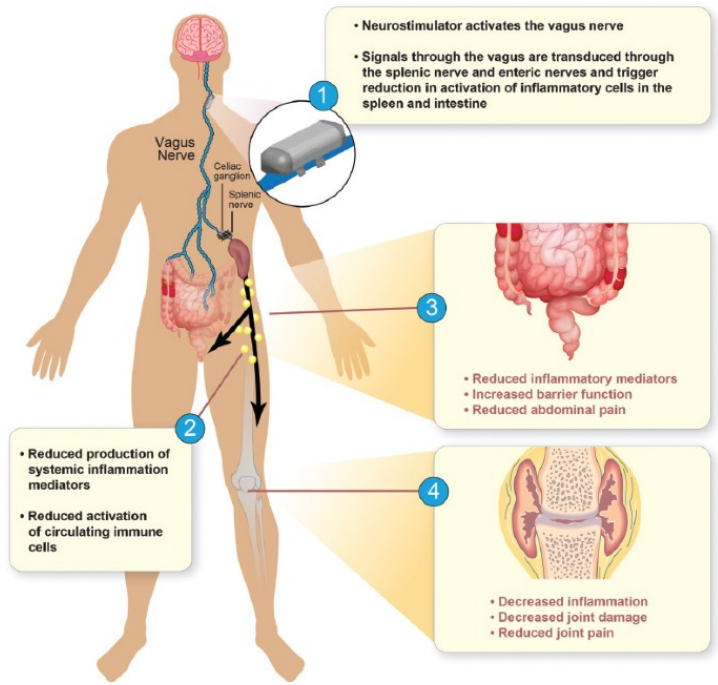
DBS Therapy Off
Off Medication

DBS Therapy On
Off Medication

BSI OFF

Leg kinematics

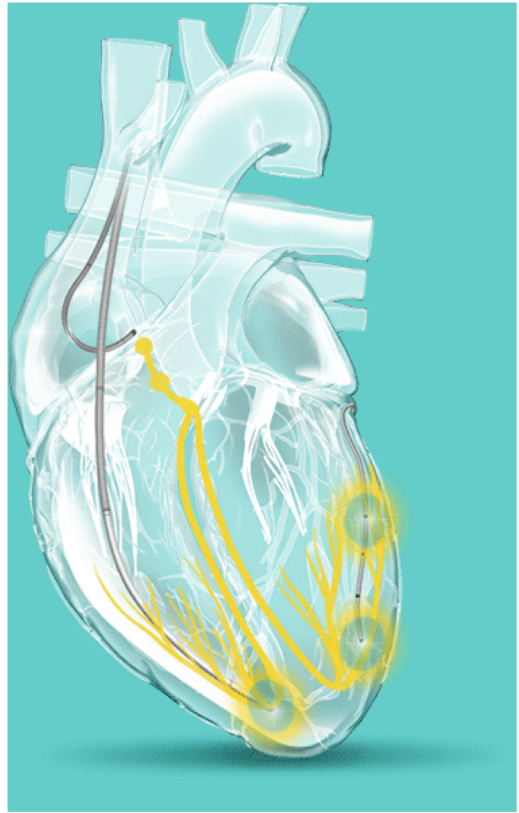




Tapping the Nervous System to Treat Crohn's

Vagus nerve stimulation is being used to treat epilepsy, depression, and cluster headaches. Now researchers are testing whether it can be used to help people with Crohn's.

By Philippa Garson Medically Reviewed by Kareem Sassi, MD
Last Updated: July 27, 2017



FDA: Technology de-risk

New device: non inferiority PMA process

Market: Application

Neurology

Diabetes

Auto-immune
diseases

Hypertension

Arthritis

Pain
management

Cancer

Pacemakers

A major breakthrough to stimulate biological circuits

1

**Disrupt >\$17 billion
bioelectric
medicine market**

2

**Deliver wireless
power deep within
human body**

3

**Formidable IP
portfolio**

4

**Designed to unlock
the bottleneck in
critical market
expansion**

5

**Unequivocal
contrast to surgical
implant**

BiVERV[®]



Extensive animal
validity data



Multi-site pacing
and sensing



Easy delivery
and deployment



AI backed
control



Battery life: up
to 5 years



Scale: 2 mm
upwards



Winning team



Advisory board

Team (Investment and legal)

Finance and investing:

John Visconti,

Visconti and Associates

Corporate legal team:

Rachana Khanna,

RK Law group, CT

Iqbal Ishaar,

Ishaar Law, NY



Team (Engineering and R/D & Regulatory)

Jin Park

VP, Research and development

More than 25 years experience in stent design, formerly at Cordis

Daniel Olsen

Director, Quality assurance & production

More than 20 years experience in medical device development and Quality assurance and production

Egemen Tuzun

FDA Regulatory affairs

More than 20 years experience in PMA approval and pre-FDA GLP studies.



Scientific Advisory Board
(Represents multiple specialties)

Neurovascular Surgery/ Neurosurgery

Neurologists

Vascular Surgeons

Interventional radiologists

Rheumatologists

Immunologists



Market size

McKinsey & Co

By 2025 ~ 2 million patients in
G-7 with severe arthritis/Crohn's

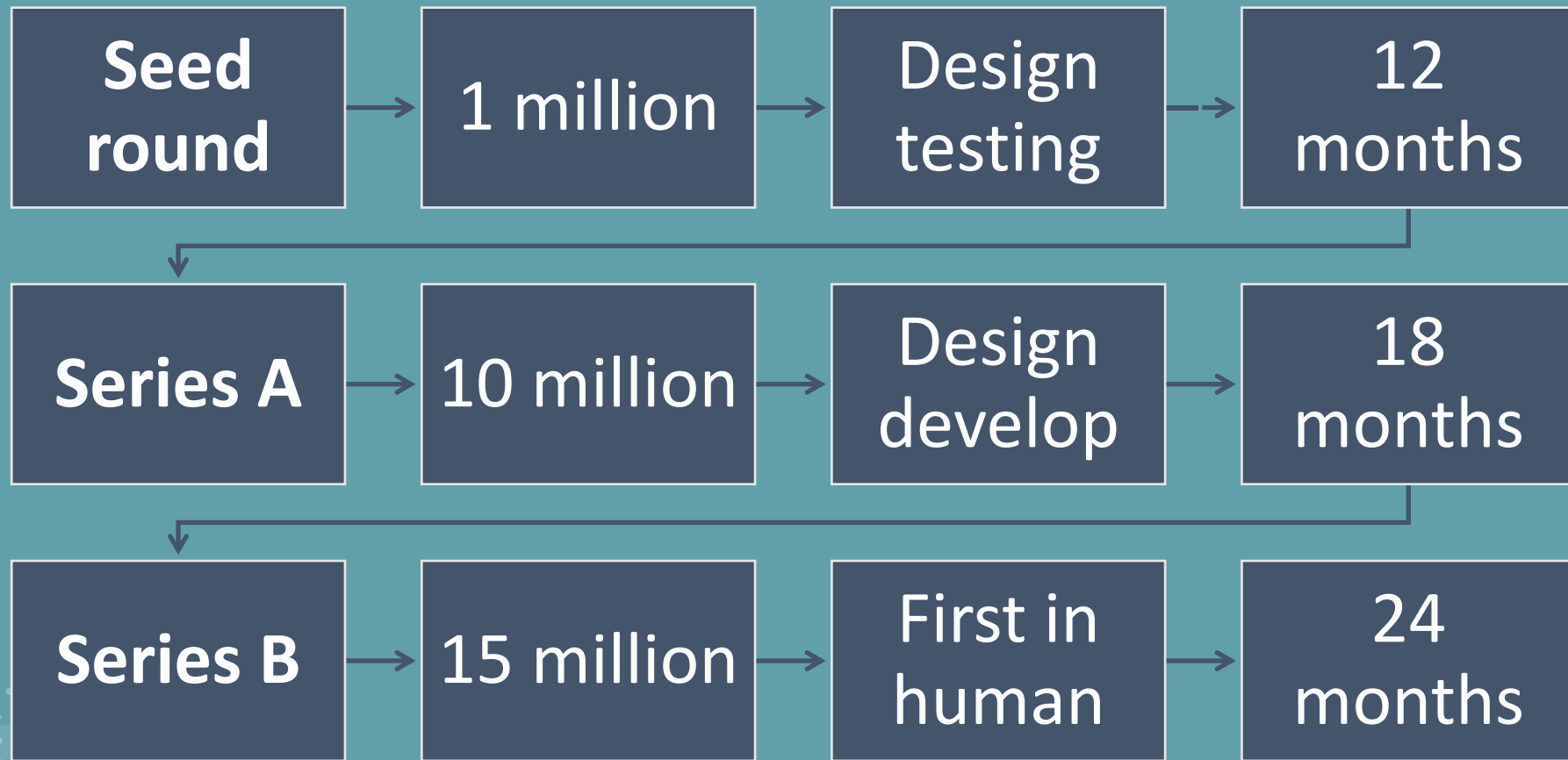
Biologics (pharmaceuticals) cost:
\$ 20,000 per patient per year

*But patients eventually become resistant to
medications*

*If we consider only 5% market penetration
with bioelectric implants*

Conservative market size of
~ \$ 2 billion per year

Milestones



BiVERV®

A tiny scaffold to rebuild your life!

