

LivaNova

Health innovation that matters



Changing Lives

Transforming Health



Day by day. Life by life.

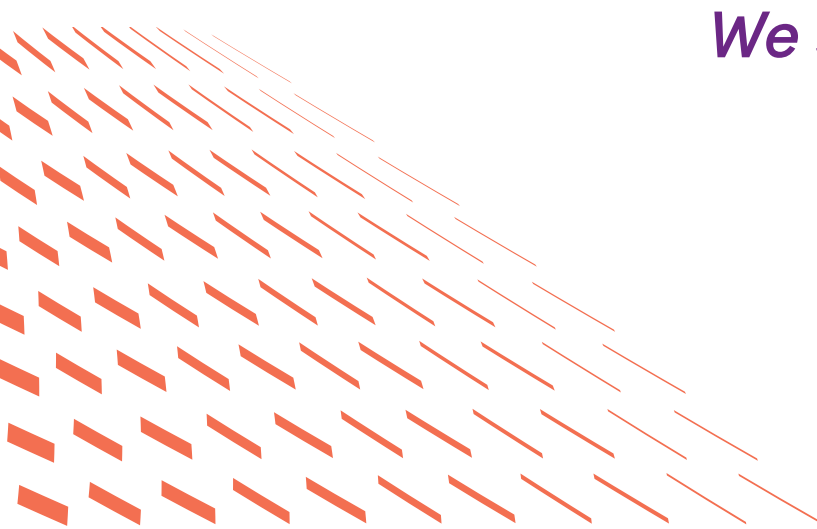


Health innovation that matters

***Powerful Innovation.
Meaningful Solutions.***

LivaNova is a global medical technology company built on nearly five decades of experience and a relentless commitment to improve the lives of patients around the world. Our three business franchises – Neuromodulation, Cardiac Rhythm Management and Cardiac Surgery – develop advanced technologies to treat a wide variety of health issues. These breakthrough treatments provide meaningful solutions for the benefit of patients, healthcare professionals and healthcare systems.

***We serve health and
improve lives.***



NEUROMODULATION

We are pioneers of technology-based solutions for the treatment of drug-resistant epilepsy, treatment-resistant depression and chronic heart failure.*

Vagus Nerve Stimulation Therapy (VNS Therapy®) for epilepsy is a proven treatment option when medications don't provide effective seizure control. Using an implantable device, mild pulses are sent to the vagus nerve at regular intervals throughout the day to help prevent seizures before they start, and stop them if they do.

VNS Therapy offers multiple advanced features including the ability to detect heart rate increases associated with seizures and respond with an additional dose of therapy that may stop or shorten seizures, decrease the intensity and shorten recovery time. Clinically proven to be safe and effective, our innovative approach to seizure control gives patients the valued quality of life they deserve and is the most widely used device solution in the world.



CARDIAC RHYTHM MANAGEMENT

Using the latest breakthrough technology and state-of-the-art manufacturing processes, we develop systems to treat cardiac rhythm disorders and heart failure. Intelligent algorithms in our devices ensure precise detection and treatment of arrhythmias (fast or slow heart rhythm), optimized pacing therapy and efficient management of multiple conditions.

Some of our pioneering products include the world's smallest dual-chamber pacemakers, the world's longest lasting implantable cardiac defibrillators and the only sensor-based system providing optimized resynchronization therapy for the treatment of heart failure.

CARDIAC SURGERY

As a global leader in cardiac surgery, we offer a comprehensive portfolio of products, including aortic and mitral heart valves, perfusion products that provide external life support during surgery and pediatric solutions for even the smallest patients. We are well-known for our unique sutureless aortic heart valve, while offering a variety of implantable mitral and aortic products, including biological, mechanical and ring solutions.

We are recognized worldwide as the leading cardiopulmonary bypass company, with an established leadership position in heart-lung machines. During surgery, we provide comprehensive life support via an integrated system of devices that work together to keep the patient safe, comfortable and able to recover quickly. This highly integrated system includes our heart-lung machines, oxygenators, heater-cooler devices, autotransfusion machines and cannulae for both conventional and minimally invasive cardiac surgery.




*Not all indications are approved in all markets.

All above claims are verifiable. LivaNova data on file.

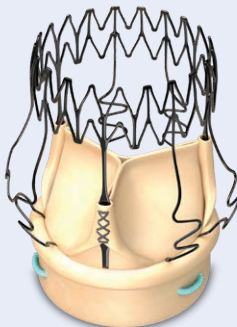


NEUROMODULATION

Products			
	ASPIRESR®	ASPIREHC®	DEMIPULSE®
Therapy	Drug-resistant epilepsy, treatment-resistant depression*, chronic heart failure* <i>*Not all indications are approved in all markets.</i>		

CARDIAC RHYTHM MANAGEMENT

Products	Pacemakers	Cardiac Resynchronization Therapy		Implantable Cardiac Defibrillators
		Pacemakers	Defibrillators	
	Low Voltage		High Voltage	
				
	<i>*Not available for sale or distribution in the USA.</i>	<i>*Not available for sale or distribution in the USA.</i>		
Therapy	Pacing	Pacing, Resynchronization		Defibrillation

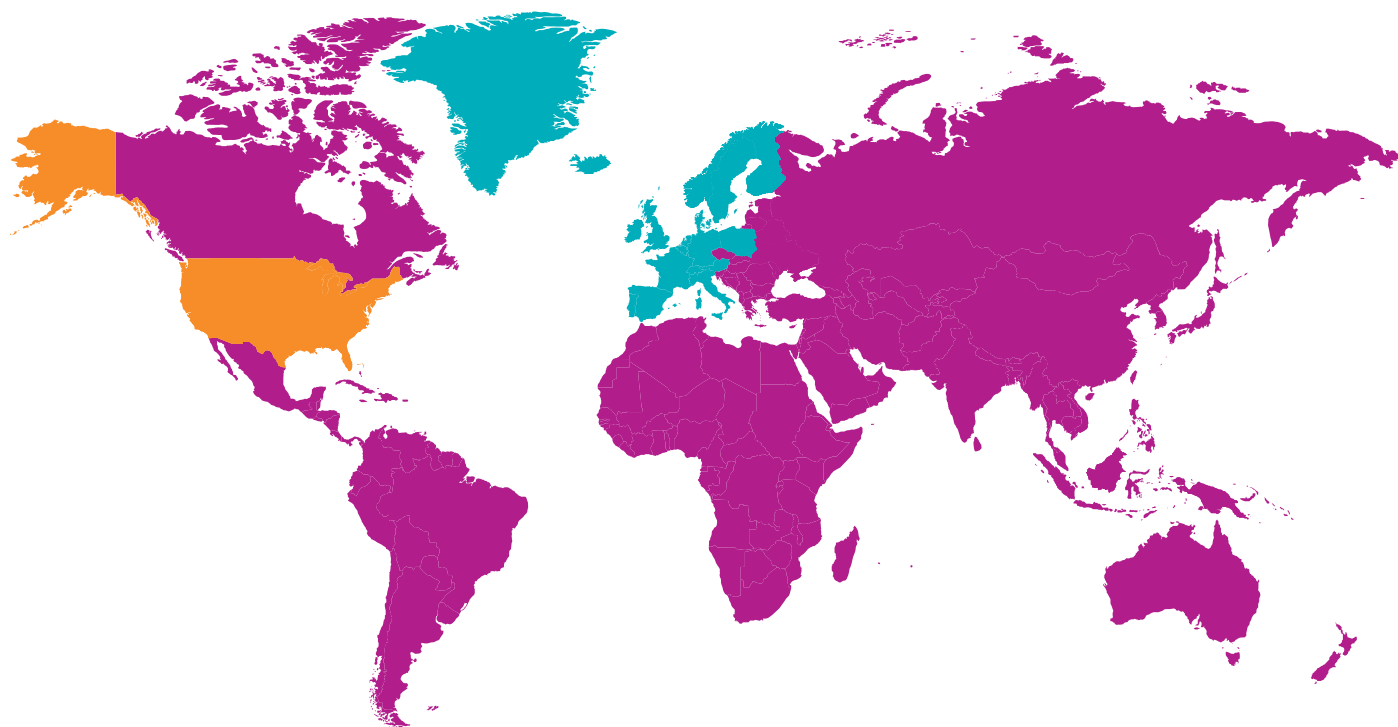
CARDIAC SURGERY

Products	Aortic	Mitral	Cardiopulmonary and Perfusion
	<ul style="list-style-type: none"> Mechanical Heart Valves Tissue Heart Valves 	<ul style="list-style-type: none"> Annuloplasty Rings Heart Valves 	<ul style="list-style-type: none"> Autotransfusion Systems Heart-Lung Machines Oxygenators Cannulae
			
	PERCEVAL™	MEMO 3D RECHORD™	INSPIRE™ S5™
Therapy	Replace aortic valve to improve function and blood flow	Repair mitral valve to improve function and blood flow	Maintain patient body function during surgery and minimize recovery time



Our worldwide reach touches every corner of the earth

with facilities and R&D centers in Europe, the Americas and Asia. LivaNova is committed to continuous training and education for our workforce of more than 4,500 people. Our strength resides in our employees who are dedicated to a healthier tomorrow.



US = 40%*

EUROPE = 35%*

ROW = 25%*

**Proforma revenues by geography for 2016.*

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