Seize Simplicity

Consider Medtronic’s Intuitive Heart Valve Solutions
Simplicity clears the way to let you decide what’s best.

There are many patient considerations, but only one judgment call.

Consider Medtronic’s intuitive heart valve solutions in all your decisions.
Simply Versatile
Seize simplicity with a versatile platform designed to easily facilitate aortic or mitral, open or minimally invasive procedures.
HANCOCK® II

bioprosthesis

Simply Reliable
Seize simplicity with the valve that has stood the test of time to make your outcome as predictable as your procedure.
Simply More Flow
Seize simplicity with a stentless valve that is naturally designed to maximize flow, particularly for young patients.
Simply Designed
Seize simplicity with the first pericardial stentless valve designed to facilitate ease of implantation.
MEDTRONIC OPEN PIVOT™

heart valve

Simply Quiet
Seize Simplicity with a design that provides a valve solution most patients cannot hear after implantation.
Simply Personalized
Seize simplicity with repair products that provide you options to consider for each individual case.
MOSAIC®
bioprosthesis

• More than 12 years of clinically documented durability in young patients1,2
• Exceptional durability in the mitral position1
• Ideal for MICS procedures

HANCOCK® II
bioprosthesis

• Proven durability in all patients regardless of age3
• 25 year data show consistent outcomes3,4
• More than 97% freedom from SVD at 20 years3

FREESTYLE®
aortic root
bioprosthesis

• Naturally designed to function like the native valve
• Stable, single-digit gradients and EOAs at 12 years5
• 92% freedom from SVD after 12 years in patients 60 and younger5

3f®
aortic bioprosthesis

• Designed for easier implant with a single suture line
• Simple tubular design preserves sinus form and function6
• Improved stress distribution mimics the functional characteristics of the native valve7

MEDTRONIC
OPEN PIVOT™
heart valve

• So quiet only one in five patients is aware of their valve sound8
• Gentle passive washing results in low levels of hemolysis and thromboembolic events9,10
• Orifice design and unique leaflet movement result in excellent EOAs, even in small sizes11

REPAIR

• Intuitive designs of the Tri-Ad® Adams Ring and Contour 3D® Ring adapt to 3D geometry of the tricuspid valve annulus
• Design of Profile 3D® Ring maintains the natural asymmetrical posterior and anterior dimensions of the mitral annulus
• CG Future® Ring restores the patient’s annular shape and allows natural motion
Heart valves.

Contraindications: Hancock II Prosthesis

Indications: For the replacement of malfunctioning native or prosthetic aortic and/or mitral heart valves.

Contraindications: None known. Warnings/Precautions/Adverse Events: Accelerated deterioration due to calcific degeneration of bioprosthesis may occur in: children, adolescents, young adults, and patients with altered calcium metabolism (e.g., chronic renal failure, hyperparathyroidism). Adverse events can include: angina, cardiac arrhythmia, cardiac dysrhythmias, death, endocarditis, heart failure, hemolysis, hemolytic anemia, hemorrhage, transvalvular or paravalvular leak, myocardial infarction, nonstructural dysfunction, stroke, structural deterioration, thromboembolism, or valve thrombosis.

For additional information, please refer to the Instructions For Use.

CAUTION: Federal law (USA) restricts this device to sale by or on the order of a physician.

Freestyle® Aortic Root Bioprosthesis

Indications: For the replacement of malfunctioning native or prosthetic aortic valves with the option of aortic root replacement.

Contraindications: None known. Warnings/Precautions/Adverse Events: Accelerated deterioration due to calcific degeneration of bioprosthesis may occur in: children, adolescents, young adults, and patients with altered calcium metabolism (e.g., chronic renal failure, hyperparathyroidism). Adverse events can include: cardiac dysrhythmias, death, endocarditis, hemolysis, hemorrhage, transvalvular or paravalvular leak, nonstructural dysfunction, structural deterioration; thromboembolism, valve thrombosis, or intracapsular hematoma. For additional information, please refer to the Instructions For Use.

CAUTION: Federal law (USA) restricts this device to sale by or on the order of a physician.

Freestyle, Hancock and Mosaic are registered trademarks of Medtronic, Inc.

3F® Aortic Bioprosthesis

Indications: The 3F® Aortic Bioprosthesis, Model 1000 is indicated for the replacement of diseased, damaged, or malfunctioning native or prosthetic aortic valves. Contraindications: The 3F® Aortic Bioprosthesis, Model 1000 should not be used in those patients who present with congenital bicuspid anatomy or other forms of abnormal aortic root geometry. Warnings/Precautions/Side Effects: Accelerated deterioration of the Model 1000 valve due to calcific degeneration may occur in children, adolescents, or young adults, or in patients with altered calcium metabolism (e.g., chronic renal failure, hyperparathyroidism). Adverse events can include: cardiac dysrhythmias, death, endocarditis, hemolysis, hemorrhage, transvalvular or paravalvular leak, nonstructural dysfunction, structural deterioration; thromboembolism, valve thrombosis, or intracapsular hematoma. For additional information, please refer to the Instructions For Use.

CAUTION: Federal law (USA) restricts this device to sale by or on the order of a physician.

This device is restricted to use by a physician who has participated in specific implantation training for the 3F® Aortic Bioprosthesis, Model 1000.

3F is a registered trademark of 3F Therapeutics, Inc. a subsidiary of Medtronic, Inc.

Duran AnCore® Ring and Band, Simulcus® Flexible Ring and Band, Simulcus® Adjustable Ring and Band, Simplici-T® Band, CG Future® Ring and Band, Simulcus® Semi-rigid Ring and Band, Tri-Ad® Adams Ring, Profile 3D® Ring, Contour 3D® Ring

Warnings/Precautions/Adverse Events: Only physicians who have received proper training in valve repair should use this device. Adverse events can include: thromboembolic events, dehiscence, hemolysis, stenosis, residual incompetence, heart block, endocarditis, systolic anterior motion, left ventricular outflow tract obstruction, anticoagulant-related bleeding or hemorrhage.

For additional information please refer to the instructions for Use provided with the product or contact your local Medtronic representative.

CAUTION: Federal law (USA) restricts this device to sale by or on the order of a physician.

Medtronic Open Pivot™ Heart Valve

Indications: The Medtronic Open Pivot™ Heart Valve is indicated for the replacement of diseased, damaged, or malfunctioning native or prosthetic aortic or mitral valves.

Contraindications: The Medtronic Open Pivot Heart Valve is contraindicated in patients unable to tolerate anticoagulation therapy. Adverse events, potentially associated with the use of prosthetic heart valves include: cardiac arrhythmias, death, endocarditis (impingement), endocarditis, hemolysis, anticoagulant-related hemorrhage, transvalvular or paravalvular leak, prosthetic thrombosis, structural deterioration, valve thromboembolism.

CAUTION: Federal Law restricts this device to sale by or on the order of a physician or properly licensed practitioner. Refer to the instructions for Use packaged with each valve for a complete listing of warnings and precautions.

Medtronic Open Pivot is a trademark of Medtronic, Inc.