MitraClip[™] G4 System





DELIVERY CATHETER HANDLE CLOSE-UP





CAUTION: These products are intended for use by or under the direction of a physician. Prior to use, reference the Instructions for Use, inside the product carton (when available) or at *eifu.abbottvascular.com* or at *medical.abbott/manuals* for more detailed information on Indications, Contraindications, Warnings, Precautions and Adverse Events.

Information contained herein for **DISTRIBUTION outside of the U.S. ONLY.** Always check the regulatory status of the device in your region.

Illustrations are artist's representations only and should not be considered as engineering drawings or photographs. Photos on file at Abbott.

Abbott 3200 Lakeside Dr., Santa Clara, CA 95054 USA, Tel: 1.800.227.9902

™ Indicates a trademark of the Abbott Group of Companies.

www.cardiovascular.abbott ©2020 Abbott. All rights reserved. MAT-2005413 v1.0 | Item approved for Global OUS use only. MitraClip Transcatheter Mitral Valve Repair

GUIDE

PROCEDURAL POSITIONING AND IMAGING







Information contained herein for **DISTRIBUTION outside of the U.S. ONLY.** Always check the regulatory status of the device in your region. ©2020 Abbott. All rights reserved. MAT-2005413 v1.0 | Item approved for Global OUS use only.

This material may be utilized for Clinical Site participants involved in Abbott sponsored trials or disclosed to a user facility for educational purposes.

PROCEDURAL POSITIONING AND IMAGING GUIDE

CLIP DELIVERY SYSTEM COMPONENTS



DC RADIOPAQUE Ring Gripper Clip Arm Tip of Clip





FLUOROSCOPIC VIEW

CLIP POSITIONING





LVOT (100-160°) Full length of both Clip Arms visible at 180° in LA

INTERCOMMISSURAL-2C

(60–90°) Single Clip Arm visible in LA

TRANSSEPTAL



BICAVAL (80–110°) Proper SVC–IVC tenting location (Mid Bicaval)



SAX AT BASE (15-45°) Proper anterior-posterior tenting location



4 CHAMBER (0-20°) Confirmation of proper height Puncture and cross the septum above the annulus (4.0–5.0 cm) (Visualize AO when crossing



SAX AT BASE (15-45°) the septum)



TG SAX (0-20°) Clip Arms perpendicular to line of coaptation (LoC) in LA



LVOT VIEW (100-160°) **GRIPPER IDENTIFICATION** Unlatch the Gripper Levers. Advance and retract the Gripper Lever with the tactile marker to identify the Gripper that corresponds to the associated leaflet



TG SAX (0-20°) Clip Arms perpendicular to LoC in LV

3D EN FACE IN LV Gain Down, past valve, to observe Clip Arms perpendicular to line of coaptation (LoC) in LV

POSITIONING AND TRAJECTORY



INTERCOMMISSURAL-2C (60–90°) Proper medial-lateral alignment



LVOT (100-160°) Proper anterior-posterior alignment



INTERCOMMISSURAL-2C (60-90°) WITH COLOR Position Clip at MR origin



LVOT (100-160°) WITH COLOR Position Clip at MR origin

Information contained herein for **DISTRIBUTION outside of the U.S. ONLY.** Always check the regulatory status of the device in your region.



INTERCOMMISSURAL **X-PLANE** Use Intercommissural

and X-Plane to achieve proper medial-lateral and anterior-posterior alignment simultaneously



3D ENFACE IN LA Clip Arms perpendicular to line of coaptation (LoC) in LA



LVOT (100-160°) Full length of both Clip Arms visible at 180° in LV





INTERCOMMISSURAL-2C (60-90°) Single Clip Arm visible in LV

LEAFLET INSERTION ASSESSMENT



LVOT (100-160°) Limited leaflet mobility relative to the tips of both Clip Arms; Both leaflets over the tips of the Clip Arms; Both leaflet tips are fully inserted to the base of "V" between Grippers and Clip Arms



TG SAX (0-20°) Observation of double orifice valve ("dogbone" appearance); Stable leaflet tissue medial and lateral to the Clip; Clip positioned perpendicular to the LoC (not biased anterior or posterior relative to LoC)



INTERCOMMISSURAL-2C (60-90°) Each leaflet should enter the center of the Clip at the same height: Stable leaflet tissue

medial and lateral to the Clip



3D ENFACE TISSUE BRIDGE

Observation of double orifice valve ("dogbone" appearance); Stable leaflet tissue medial and lateral to the Clip; Clip positioned perpendicular to the LoC (not biased anterior or posterior relative to LoC)



4 CHAMBER (0-20°) Limited leaflet mobility relative to the tips of both Clip Arms; Both leaflets over the tips of the Clip Arms; Both leaflet tips are fully inserted to the base of "V" between Grippers and Clip Arms

