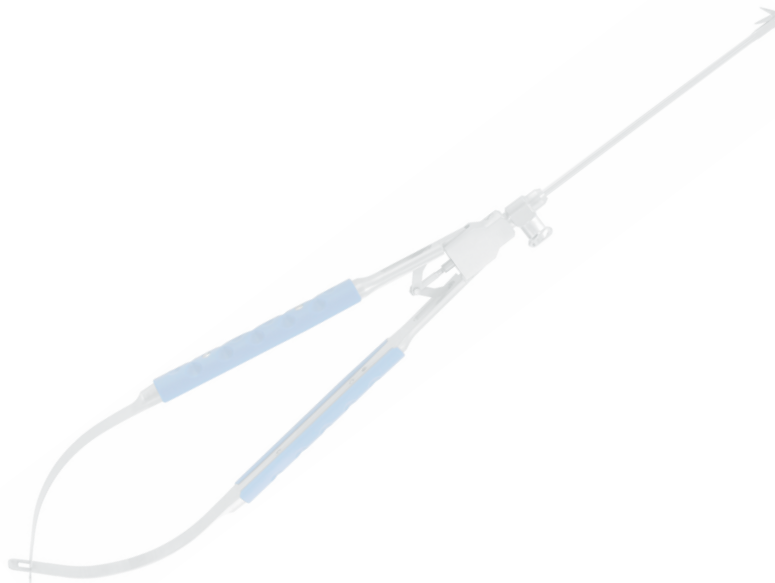




Endo Coronary Artery Bypass Grafting



Optimize Access, Increase Exposure, Facilitate Precision
Dr. Yilmaz's Instrument Platform

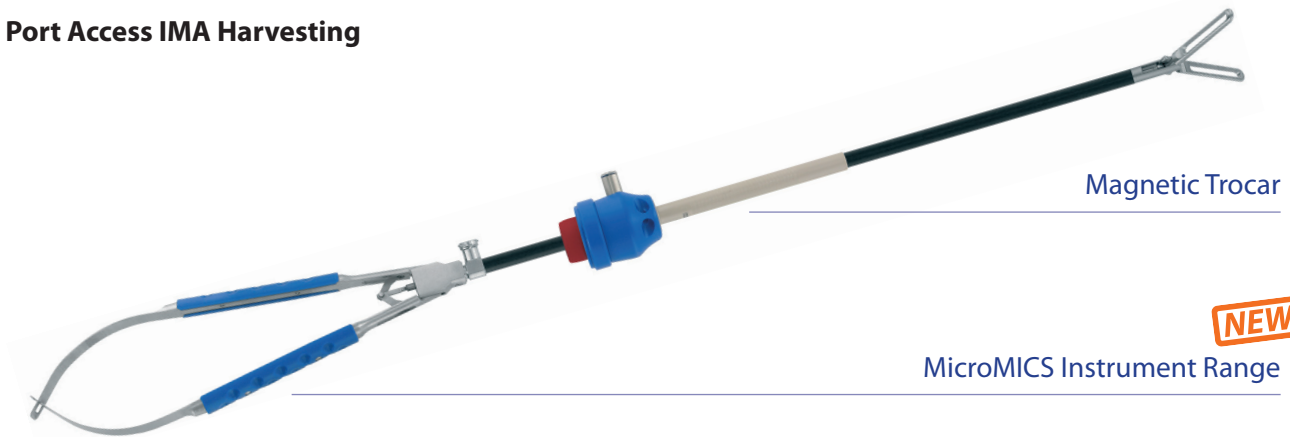
Dr. Yilmaz's Instrument Platform

Developed jointly with Dr. Alaaddin Yilmaz, this set of instrument is specifically designed for minimally invasive coronary arteries surgery.

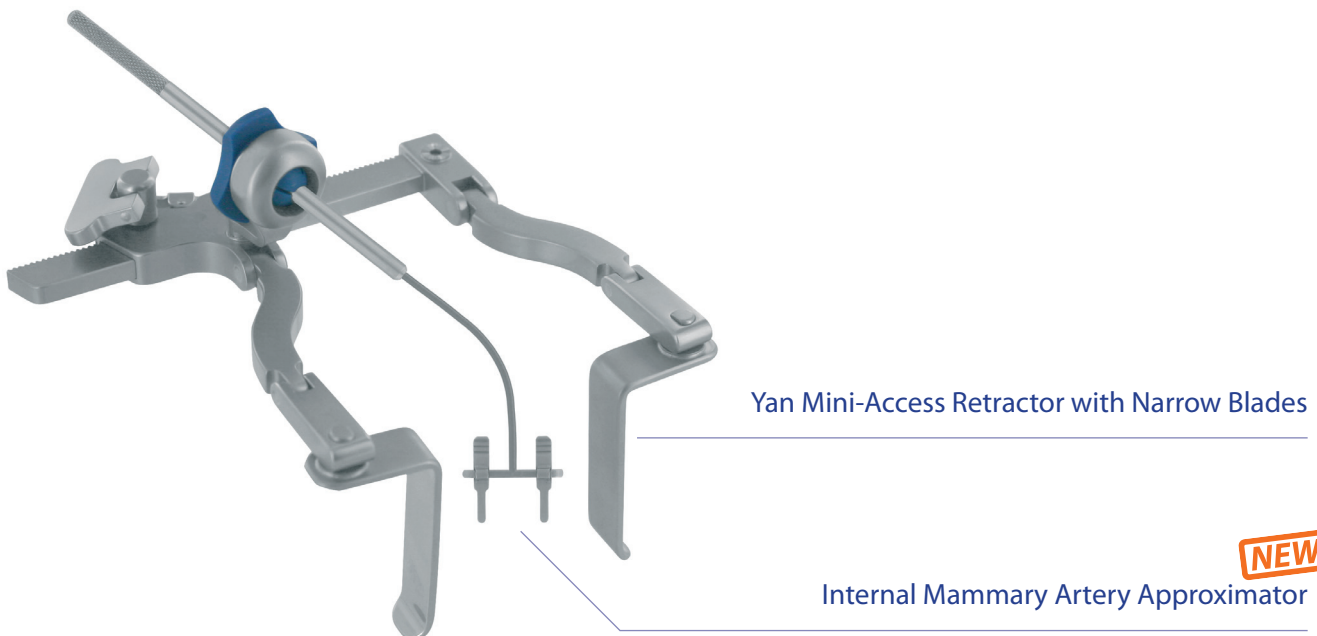
The endo-CABG platform contains instrumentation to facilitate a port-access approach to harvesting the internal mammary arteries while enabling techniques including both isolated LIMA to LAD without bypass and multiple anastomoses approaches on bypass, all with the progressive ability to perform the arterial graft via a mini left anterior thoracotomy.

Key Steps

1 - Port Access IMA Harvesting



2 - Anastomoses Performing



Port Access IMA Harvesting

E012000WA



Endoscope Ø 5 mm Angle 0° - L: 310 mm - 12^{1/4}"

- ✦ Superior Optic Quality for Optimal Visualization
- ✦ Enables IMA Visualization During Harvesting
- ✦ Used in Third Intercostal Space



DC84243-45

Delacroix-Chevalier
Exclusive



MicroMICS Fenestrated Forceps Ø 5,0 mm - L: 450 mm - 15^{3/4}"

- ✦ Fenestrated Forceps to Grasp Tissues During IMA Dissections
- ✦ SuperGrip Spring Style Handle to Improve Comfort and Control
- ✦ Tubular Distal Shape Compatible With an Endoscopic Approach
- ✦ 280 mm Working Length to Reach the IMA

NEW



DC84141-45

Delacroix-Chevalier
Exclusive



MicroMICS Metzenbaum Scissors Ø 5,0 mm - L: 450 mm - 15^{3/4}"

- ✦ Metzenbaum Scissors to Cut Both Small Branches and IMA During Their Harvesting

NEW



DC84244-45

Delacroix-Chevalier
Exclusive



MicroMICS Maryland Dissector Ø 5,0 mm - L: 450 mm - 15^{3/4}"

- ✦ Maryland Dissector to Facilitate Blunt Dissection During IMA Harvesting

NEW



E0621121

E0621122



Horizon Clip Applier Ø 5mm - WL: 330mm - 13"

- ✦ To Help IMA Harvesting and Prevent Bleeding From Collateral Branches and Graft
- ✦ 330 mm Working Length to Reach IMA Collateral Branches
- ✦ Two Different Models Depending on Vessel Sizes:
E0621121: Small - Yellow
E0621122: Medium - Blue



DC82981-07

Delacroix-Chevalier
Exclusive



Magnetic Trocar Ø 5 mm - L: 70 mm - 6^{3/4}"

- ✦ The Only Fully Reusable Non-Metallic Trocar
- ✦ Low-Profile, Atraumatic, Lightweight, Stable in the Skin
- ✦ Sealed Magnetic Trocar Compatible With CO₂ Insufflation
- ✦ To be Used in Third Intercostal Space for the Endoscope and Second and Fourth for the Instruments



Mini-Thoracotomy Incision

E220609



Soft Tissue Retractor - 5 cm Height - 25 to 40 mm Diameter Incision

- ✳ Disposable Soft Tissue Retractor to Protect Operative Wound and Keep it Opened
- ✳ Adjustable Height Soft Tissue Retractor Also Available: Utilize the Delacroix-Chevalier MIS Catalog for a Full Reference



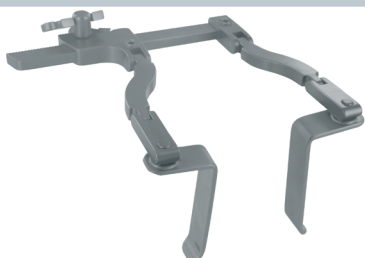
DC82160-99

DC82163-30

DC82163-40

DC82163-50

Delacroix-Chevalier
Exclusive



Yan Mini-Access Retractor with 15mm narrow blades

NEW

- ✳ Low-Profile and Convex Retractor Arms Optimize Access
- ✳ Detachable Handle to Avoid Catching Sutures
- ✳ Narrow Blades Reduced Tension on the Skin Incision:
DC82163-30: width: 15 mm - depth: 30 mm
DC82163-40: width: 15 mm - depth: 40 mm
DC82163-50: width: 15 mm - depth: 50 mm



DC13202-20



DeBakey Forceps - L: 200 mm - 8"

- ✳ Multi-Function Forceps Useful During Cardiovascular Procedures
- ✳ To Grasp All Kind of Tissues and Needles



DC14900-18



Cushing Forceps - L: 180 mm - 7"

- ✳ Multi-Function Forceps Useful During Cardiovascular Procedures
- ✳ Robust Tungsten Jaws



DC71337-33-C

Delacroix-Chevalier
Exclusive



MIS Intracardiac Suction Tube - L: 260 mm - 10^{1/4}"

- ✳ Intra-cardiac Suction Tube for Bloodless Operative Field
- ✳ Double Curved Model With Flat Suction Tip to Reach Confined Area



DC71350-05



45° Frazier Suction Tube - Ø 5 Fr - L: 220 mm - 8^{3/4}"

- ✳ Micro Suction Tube to Enable Bloodless Anastomotic Field
- ✳ Adjustable Suction Power



Graft Preparation and Anastomosis

DC84240-26

Delacroix-Chevalier
Exclusive



MicroMICS Grasping Forceps Ø 3,5 mm - L: 260 mm - 10^{1/4}"

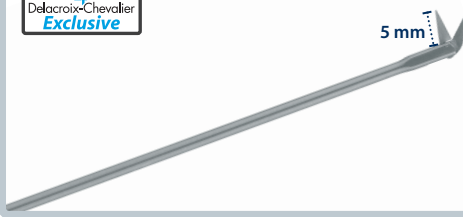
NEW

- ✦ Fine Grasping Forceps With Diamonite Jaws Adapted to Smooth Tissues and Coronary Sutures
- ✦ SuperGrip Spring Style Handle to Improve Comfort, Increase Control, and Enhance Tactile Response
- ✦ 90 mm Working Length to Reach Coronary Arteries



DC84116-26

Delacroix-Chevalier
Exclusive



MicroMICS 45° Potts Scissors Ø 2 mm - L: 260 mm - 10^{1/4}"

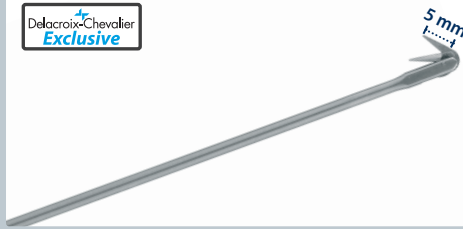
NEW

- ✦ 45° Angled Ultrafine Scissors for Graft Preparation and Coronary Artery Incision



DC84117-26

Delacroix-Chevalier
Exclusive



MicroMICS 125° Potts Scissors Ø 2 mm - L: 260 mm - 10^{1/4}"

NEW

- ✦ 125° Angled Ultrafine Scissors for Graft Preparation and Coronary Artery Incision



DC84040-26

Delacroix-Chevalier
Exclusive



MicroMICS Needle Holder Ø 3,5 mm - L: 260 mm - 10^{1/4}"

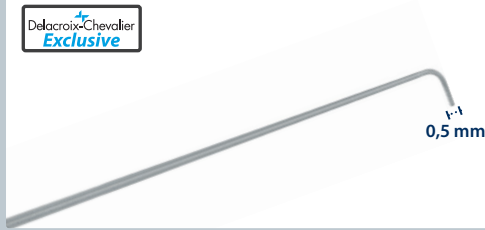
NEW

- ✦ Fine Needle Holder With Diamonite Jaws for Coronary Sutures



DC81305-21

Delacroix-Chevalier
Exclusive



MIS 90° Hook Ø 2 mm - L: 210 mm - 8^{1/4}"

NEW

- ✦ Fine Distal End Hook For Working Effectively with Fine Coronary Suture (Suture Lines)
- ✦ SuperGrip Spring Style Handle to Improve Comfort, Increase Control, and Enhance Tactile Response
- ✦ 90 mm Working Length to Reach Coronary Arteries Through Mini-Thoracotomy



DC81323-21

Delacroix-Chevalier
Exclusive



MIS Knot Pusher Ø 2 mm - L: 210 mm - 8^{1/4}"

NEW

- ✦ Fine Knot Pusher Distal Tip Compatible With Coronary Sutures
- ✦ SuperGrip Spring Style Handle to Improve Comfort, Increase Control, and Enhance Tactile Response
- ✦ 90 mm Working Length to Reach Coronary Arteries Through Mini-Thoracotomy



Anastomosis Performing

DC80402-26



Intercostal Aortic Cross Clamp - L: 260 mm - 10¹/₄"

NEW

- ✳ Wide 3x2 Debaquey Jaws to Apply Pressure Evenly Across The Aorta and Reduce Crush Injury
- ✳ Reduced Working Length Adapted to Every Patient Avoiding Any Discomfort for Surgeons
- ✳ Easy Insertion Through Right Second Intercostal Space



DC41029-40



Diethrich Bulldog Clamp - L: 40 mm - 1¹/₂"

- ✳ Bulldog Clamp With Serrated Jaws for Effective Vessel Clamping
- ✳ Also Compatible With an Endoscopic Approach



DC82961-07



Trocar for thoracoscopy Ø 5 mm - L: 70 mm - 2³/₄"

- ✳ Cannula and Blunt Trocar Dedicated to Cardio-Thoracic Surgery
- ✳ Streaked High-Resistance Polymer Tube
- ✳ Fully Reusable



E0616008



E0633002



E0633442



Fenestrated Forceps Ø 5 mm - L: 330 mm - 13"

- ✳ Three Parts Instrument Which Can Be Fully Dismantled: Handle, Insulated Shaft and Fenestrated Forceps Insert
- ✳ For Heart Positioning and Anastomosis Site Displaying
- ✳ Perfect Stability Thanks to Its Fixation Inside Surgical Arm (i.e. Iron Assistant)



E0633442



E0633002

E0616008

DC82120-90



90° 3D Connector (for Yan Mini-Access Retractor) - L: 30mm - 1¹/₄"

- ✳ Useful Arm to Maintain the Graft Approximator Fixed on the Retractor
- ✳ Use DC82120-30 or DC82120-50 for a Straight 3D Arm



DC82120-30



DC82120-50



DC81010-00

Delacroix-Chevalier
Exclusive



Internal Mammary Artery Approximator - L: 220 mm - 8³/₄"

NEW

- ✳ Can be fixated on the Yan Mini-Access Retractor via Available Connectors (Sold Separately)
- ✳ Nitinol, Shape Memory Shaft Enables Shapeable Positioning
- ✳ Distal End Designed With Two Bulldogs Clamps Placed on Both Sides of The Graft Which is Going to Be Anastomosed on Coronary Artery
- ✳ To Perform Anastomosis Without Requiring an Assistant's Help



Accessories

DC80420-24



Chest Tube Passer - L: 240 mm - 9¹/₂"

- ✦ Strong Grasping Jaws
- ✦ To Retrieve Chest Drain Tubes
- ✦ Also Available in 360 Mm Length



E500005

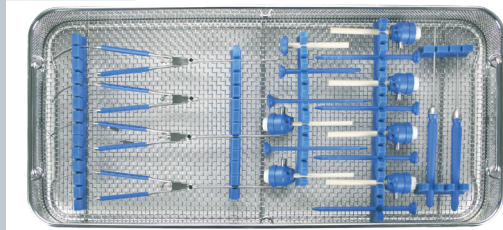


Surgical Arm with Rail Clamp Ø 5 mm - L: 400 mm - 15³/₄"

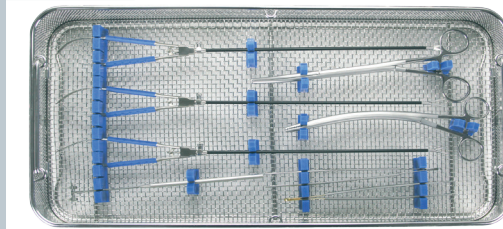
- ✦ To Retain Positioning of Instrumentation
- ✦ Fast And Precise Positioning
- ✦ To Hold 5 or 10 Mm Diameter Instruments



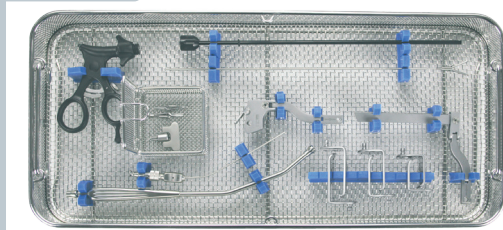
DC81913-01



DC81913-02



DC81913-03



Sterilization Trays - 540x250x70mm - 21¹/₄ x 9³/₄ x 2³/₄"

- ✦ Ensures The Safety of Your Instruments During Transportation, Cleaning and Sterilization
- ✦ Recommended to Maintain the High Level Performance
- ✦ Provided With Lid and Silicone Brackets

✦ DC81913-01 is set for:

- DC81305-21
- DC81323-21
- DC82961-07
- DC82981-07 x6
- DC84040-26
- DC84116-26
- DC84117-26
- DC84240-26

✦ DC81913-02 is set for:

- DC13202-20
- DC14900-18
- DC80402-26
- DC80420-24
- DC81010-00
- DC84141-45
- DC84244-45
- DC84243-45

✦ DC81913-03 is set for:

- DC41029-40 x2
- DC71337-33-C
- DC71350-05
- DC82120-90
- DC82160-99
- DC82163-30
- DC82163-40
- DC82163-50
- E0616008
- E0633002
- E0633442

Dr Alaaddin Yilmaz Recommended Set

Endoscopic IMA Harvesting



E012000WA: Endoscope Ø 5 mm Angle 0° - L : 310 mm - 12^{1/4}"



DC84243-45: MicroMICS Fenestrated Forceps Ø 5,0 mm - L: 450 mm - 17^{3/4}"



DC84141-45: MicroMICS Metzenbaum Scissors Ø 5,0 mm - L: 450 mm - 17^{3/4}"



DC84244-45: MicroMICS Maryland Dissector Ø 5,0 mm - L: 450 mm - 17^{3/4}"

E0621121: Horizon Clip Applier Ø 5mm - WL: 330mm - 13"
+ **E0621122**

6x DC82981-07: Magnetic Trocar Ø 5 mm - L: 70 mm - 2^{3/4}"



E220609: Soft Tissue Retractor - 5 cm Height - 25 to 40 mm Diameter Incision



DC82160-99: Yan Mini-Access Retractor
+ **DC82163-30** + **DC82163-40** + **DC82163-50:** 15mm narrow blades

DC14900-18: Cushing Forceps - L: 180 mm - 7"

DC71337-33-C: MIS Intracardiac Suction Tube - L: 260 mm - 10^{1/4}"



DC13202-20: DeBakey Forceps - L: 200 mm - 8"

DC71350-05: 45° Frazier Suction Tube - Ø 5 Fr - L: 220 mm - 8^{3/4}"

Graft Preparation and Anastomosis



DC84240-26: MicroMICS Grasping Forceps Ø 3,5 mm - L: 260 mm - 10^{1/4}"

DC84040-26: MicroMICS Needle Holder Ø 3,5 mm - L: 260 mm - 10^{1/4}"



DC84116-26: MicroMICS Potts 45° Scissors Ø 2 mm - L: 260 mm - 10^{1/4}"

DC81305-21: MIS 90° Hook Ø 2 mm - L: 210 mm - 8^{1/4}"



DC84117-26: MicroMICS Potts 125° Scissors Ø 2 mm - L: 260 mm - 10^{1/4}"

DC81323-21: MIS Knot Pusher Ø 2 mm - L: 210 mm - 8^{1/4}"



DC80402-26: Intercostal Aortic Cross Clamp - L: 260 mm - 10^{1/4}"

E0616008
+ **E0633002:** Fenestrated Forceps Ø 5 mm - L: 330 mm - 13"
+ **E0633442**

2x DC41029-40: Diethrich Bulldog Clamp - L: 40 mm - 1^{1/2}"

DC82120-90: 90° 3D Connector - L: 30mm - 1^{1/4}"



DC82961-07: Trocar for thoracoscopy Ø 5 mm - L: 70 mm - 2^{3/4}"

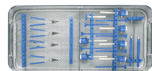
DC81010-00: Internal Mammary Artery Approximator - L: 220 mm - 8^{3/4}"



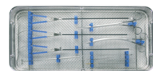
DC80420-24: Chest Tube Passer - L: 240 mm - 9^{1/2}"

E500005: Surgical Arm with Rail Clamp Ø 5 mm - L: 400 mm - 15^{3/4}"

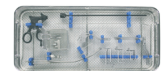
Accessories



DC81913-01: Sterilization Tray



DC81913-02: Sterilization Tray



DC81913-03: Sterilization Tray

Paniers de sterilisation

Delacroix-Chevalier

Paris

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