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45 YEAR OLD FEMALE UNDERWENT CABG IN 2023 JANUARY AS HER CORONARY ANGIOGRAM HAD SHOWN LMCA BIFURCATION LESION (MEDINA111). LIMA ANASTOMOSED TO LAD AND SVG GRAFT TO MAJOR OM. WITHIN 6 MONTHS AFTER SURGERY SHE PRESENTED WITH UNSTABLE ANGINA. ANGIOGRAM SHOWED OCCLUDED VENOUS GRAFT AND “STRING LIMA”. LAD WAS TOTALLY OCCLUDED AT ANASTOMOTIC SITE. PTCA WAS PLANNED. STRATEGY WAS TO OPEN TOTAL OCCLUSION IN LAD AND THEN USE DK CRUSH TECHNIQUE FOR LM BIFURCATION. DIFFICULTY EXPECTED WAS THE CROSSING OF TOTAL OCCLUSION IN LAD AT THE ANASTOMOTIC SITE. LMCA WAS CANNULATED WITH 7F EBU 3.5 GUIDING CATHETER. DISTAL LMCA HAS DISCRETE 50% DISEASE, OSTIAL LAD HAS DISCRETE 90% DISEASE, MID LAD HAS TUBULAR 50% DISEASE FOLLOWED BY TOTAL OCCLUSION. OSTIAL LCX HAS DISCRETE 90% DISEASE. THE LAD LESION WAS CROSSED WITH FIELDER XT R WIRE AND WIRE WAS PARKED IN DISTAL LAD. THE DISTAL LESION WAS PREDILATED WITH 2.00 X 15 RYUREI (SEMI-COMPLIANT) BALLOON. FIELDER XT R WIRE WAS EXCHANGED TO RUNTHROUGH EXTRA FLOPPY WIRE WITH THE HELP OF FINECROSS MICROCATHETER AND WIRE PARKED IN DISTAL LAD. MID TO DISTAL LAD LESION WAS THEN STENTED WITH 2.25 X 28 TERUMO ULTIMASTER (DES). ANOTHER RUNTHROUGH EXTRA FLOPPY WIRE PARKED IN LCX. PROXIMAL PART OF THE LAD STENT POSTDILATED WITH 2.50 X 15 ACCUFORCE BALLOON. OSTIO PROXIMAL LAD AND LCX WERE SERIALY DILATED WITH 2.50 X 15 ACCUFORCE BALLOON. IVUS RUN DONE WITH REFINITY ROTATIONAL IVUS CATHETER INTO LAD, MEASUREMENTS TAKEN. LM TO LCX THEN STENTED WITH 3 X 15 TERUMO ULTIMASTER (DES). LCX WIRE AND STENT BALLOON REMOVED. LCX STENT CRUSHED WITH 4 X 12 ACCUFORCE (NC) BALLOON. LCX REWIRED THROUGH PROXIMAL STRUT. THE STENT STRUTS WERE OPENED WITH 2.00 X 15 RYUREI (SEMI-COMPLIANT) BALLOON. 3 X 15 ACCUFORCE (NC) BALLOON POSITIONED IN LCX AND 4.0 X 12 ACCUFORCE (NC) POSITIONED IN LAD. SEQUENTIAL DILATATION DONE IN LCX AT 16 ATM AND LAD AT 18 ATM. SIMULTANEOUS KISSING BALLOON DONE AT 8 ATM. LCX BALLOON AND WIRE WERE REMOVED. CHECK ANGIO SHOWED TOTAL OCCLUSION OF PROXIMAL LAD DISSECTION. PROXIMAL LAD THEN STENTED FROM LM OSTIUM WITH 3.5 X 28 TERUMO ULTIMASTER (DES). POT DONE WITH 4.5 X 8 ACCUFORCE (NC) BALLOON. LCX REWIRED AND STENT STRUT OPENED WITH 2 X 15 RYUREI (SC) BALLOON. 4 X 12 ACCUFORCE POSITIONED IN LAD AND 3 X 15 ACCUFORCE POSITIONED IN LCX. SEQUENTIAL DILATATION DONE AT 16 ATM IN LCX AND LAD. SIMULTANEOUS KISSING BALLOON DONE AT 10 ATM. IVUS RUN DONE WITH REFINITY IVUS CATHETER- AREA 15MM² AT CONFLUENCE, 16MM² IN LM. MID LAD THEN STENTED WITH 3 X 18 TERUMO ULTIMASTER (DES) OVERLAPPING WITH THE DISTAL AND PROXIMAL STENTS AND OVERLAPPING SEGMENTS POSTDILATED.