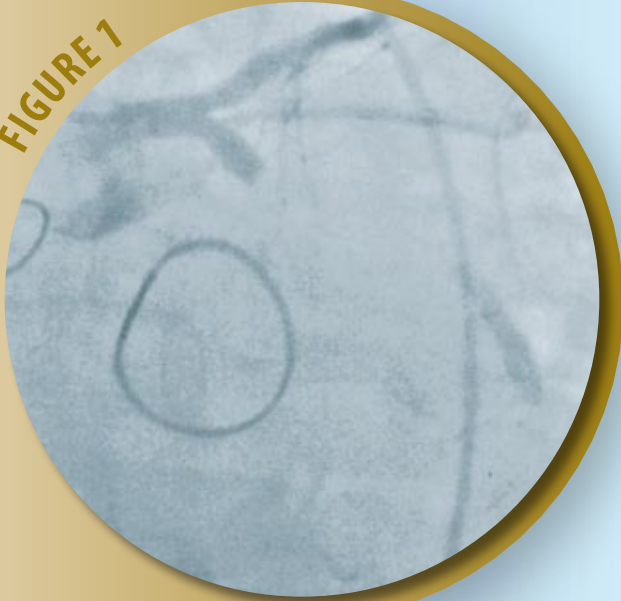


Use of Pronto LP in a Large 100% Occluded Circumflex Artery

FIGURE 1



PHYSICIAN

Naresh K. Solankhi, MD, FRCPC, FACC

LOCATION

Jewish Hospital, Louisville, KY

PRESENTATION

The patient is a 67-year-old diabetic male with a history of hypertension. He presented with chest pain and ST elevation in the inferolateral leads. He was given aspirin, Plavix and Heparin.

INITIAL FINDINGS

The patient was found to have ST elevation in II, III, AVF, V4-V6. Cardiac catheterization showed the mid left circumflex was 100% occluded with a large thrombus burden (Figure 1). This was the culprit lesion.

FIGURE 2



ASPIRATION

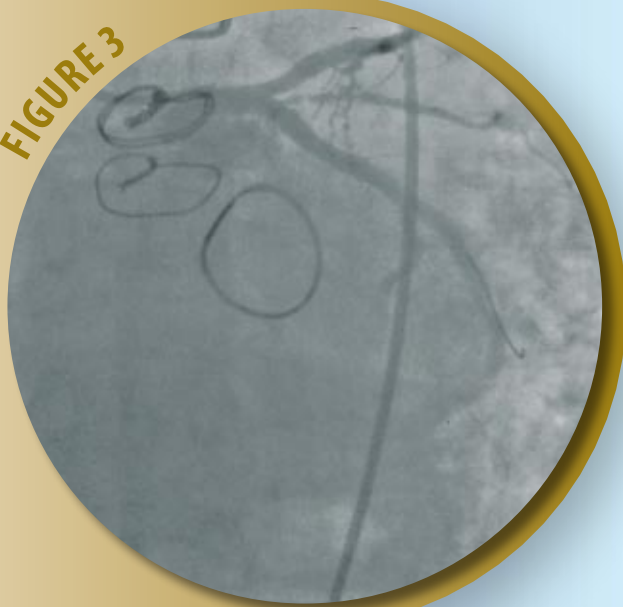
A 6 French CLS 3.5 RunWay guide catheter was used and the lesion was crossed easily with a Prowater Flex guidewire (Figure 2). A Pronto LP extraction catheter was then used for thrombus aspiration of the clot. Approximately 8-10 passes were made with the Pronto LP. After removing the clot with the Pronto LP, TIMI 3 flow was established (Figure 3). A 3.0x12 Quantum balloon was then placed across the lesion which was 90%, and was inflated. Stenting was then performed with a 4.0x23 PROMUS stent. The stent was post dilated with a 4.5x12 non-compliant balloon. After stenting was completed, the patient had zero residual stenosis and TIMI 3 flow. During the procedure intravenous Integrilin and intravenous Heparin were administered for anticoagulation.

(continued on back)

PRONTO[®] LP
Extraction Catheter



FIGURE 3



Use of Pronto LP in a Large 100% Occluded Circumflex Artery

CONCLUSION

Patient had TIMI 3 flow following aspiration and stenting. The patient tolerated the procedure very well with no complications. Patient was monitored overnight and because his EKG normalized, he was able to be discharged and returned home the next day.

SUMMARY

This case demonstrated successful Pronto LP aspiration thrombectomy followed by stenting of the 100% occluded mid left circumflex for treatment of acute inferolateral myocardial infarction.

In this experience it was found that the Pronto LP:

- Was easy to deliver and position within the circumflex artery
- Has a low profile, which allowed ease and delivery and multiple passes to aspirate thrombi in a totally occluded vessel
- Is an efficient tool for the treatment of Acute MI and the reestablishment of TIMI 3 flow



Physician Profile

Dr. Naresh K. Solankhi received his MD from Medical College in Rohtak, India and completed his fellowship at the University of British Columbia in Vancouver, Canada. He is board certified in Interventional Cardiology and practices in Louisville, KY.



The Pronto LP catheter is indicated for the removal of fresh, soft emboli and thrombi from vessels in the coronary and peripheral system. Please see the Instructions for Use for a complete listing of the indications, contraindications, warnings and precautions.

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

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