The video explores excellent results obtained with deployment of intracoronary stents without the use of intravascular ultrasound imaging. Intravascular ultrasound (IVUS) is a medical imaging methodology using a specially designed catheter with a miniaturized ultrasound probe attached to the distal end of the catheter and the proximal end of the catheter is attached to computerized ultrasound equipment. IVUS provides insight into cases where the pathophysiologic mechanism of subacute thrombosis following stent insertion, and that the information provided by ultrasound imaging led to the use of larger balloons and higher-pressure inflations, which were documented by ultrasound to enlarge the lumen area. Intravascular ultrasound imaging has been helpful in altering therapy, e.g., reinflating with higher pressure, using a larger balloon, redilating proximally or distally in the stent, revealing a stenosis that is unrecognized or underappreciated by angiography, or demonstrating that further intervention is not necessary.
The AVE Micro Stent™ manufactured by Applied Vascular Engineering, Santa Rosa, California is an investigational device currently under an IDE evaluation and not available for commercial distribution in the United States at the production of this program.

The Multi-Link™ Stent, manufactured by ACS/Guidant, Santa Clara, California, is an investigational device currently under an IDE evaluation and not available for commercial distribution in the United States at the production of this program.

CAUTION: The Wallstent® coronary endoprosthesis, manufactured by Schneider (USA) Inc., Minneapolis, Minnesota, in an Investigational Device limited by federal “United States” law to investigational use only.

The Gianturro-Roubin Flex™ Stent in manufactured by Cook Incorporated, Bloomington, Indiana.

The PALMAZ-SCHATZTH Stent is manufactured by Johnson & Johnson International Systems Co., Arren, New Jersey

The WIKTORTM Stent is manufactured by Medtronic ESTC, The Netherlands
Graphic illustrations presented in this program were designed by Stephen Kramer, of KRAMER GRAPHICS, Capitola, California

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