

EN **Rx ONLY CAUTION:** Federal (USA) Law restricts this device to sale by or on the order of a physician. This device is sterile and intended for single patient use. The PulseSpray System, PRO[®] Infusion Catheter, and its related components are intended for the administration of thrombolytic agents through catheter.

INDICATIONS

The PulseSpray System, PRO[®] Infusion Catheter, and its related components are intended to be used for peripheral venous thromboses and peripheral arterial thrombosis by catheter directed thrombolysis.

WARNING
Contains supplied STERILE and an erythromycin oxide (EO) process. Do not use if sterile barrier is damaged or compromised. Operator damage is found, call your sales representative or manufacturer prior to use. Reuse, reprocessing or resterilization may compromise the structural integrity of the device and/or lead to device failure. If the device fails, it may cause injury, illness or death. Reuse, reprocessing or resterilization may create a risk of cross-infection of the device and/or cause patient infection or cross-reflection, including, but not limited to, the transmission of infectious disease(s) to one patient to another. Contamination of the device may lead to injury, illness or death of the patient.

The PulseSpray System, PRO[®] Infusion Catheter is to be treated as contaminated biomedical waste subsequent to use. The used or unused devices, should be disposed of in accordance with hospital, administrative and local government regulations for such items.

INTENDED PATIENT POPULATION
The PulseSpray System, PRO[®] Infusion Catheter is intended for patients requiring short-term peripheral venous or arterial access for administration of fluids including thrombolytic agents. Peripheral venous and arterial access may be required for therapeutic treatment of peripheral venous and arterial thrombosis.

CLINICAL BENEFITS
The intended clinical benefits of the PulseSpray Infusion System include those therapeutic applications afforded by peripheral venous and arterial access. Specifically, the infusion catheters intended clinical benefits include catheter-directed thrombolysis for patients requiring peripheral venous and arterial access for administration of thrombolytic agents resulting in: Maximum thrombolysis and thrombolytic resulting in better vessel patency compared to anticoagulation alone.

SERIOUS INCIDENTS
Any serious incident which has occurred with the use of this device should be reported to Angiodynamics at angiodynamics.com and to the National Competent Authority. Refer to the following web address for contact information for the Competent Authority: http://ec.europa.eu/enterprise/health/measures_secdir/index_en.pdf. The physician should discuss with the patient the risks associated with the device. The instructions are available electronically at angiodynamics.com.

NOTICES FOR EUROPEAN UNION ONLY:

- Any serious incident which has occurred with the use of this device should be reported to Angiodynamics at angiodynamics.com and to the National Competent Authority.
- For further information about the device refer to the following web address for contact information for the Competent Authority: http://ec.europa.eu/enterprise/health/measures_secdir/index_en.pdf.

The physician should discuss with the patient the risks associated with the device. The instructions are available electronically at angiodynamics.com.

CONTRADICATIONS
The PulseSpray System is contraindicated for use in the coronary and cerebral vasculature. This System is not intended for the infusion of blood or blood products. Refer to product insert of the therapeutic solution of choice for indications, contraindications, side effects, and precautions.

WARNINGS
• Maximum storage temperature 27°C.

The PulseSpray System, PRO[®] Infusion Catheter, and its related components are supplied sterile and should be used as such. Do not reuse, reprocess or resterilize these devices.

This System should be used only by physicians who have a thorough understanding of angiography and percutaneous interventional procedures.

• Angiodynamics cannot guarantee the performance of these components if any recipient has a history of an allergic reaction to them.

• Failure to use an arterial sheath may result in damage to the catheter.

• Reuse of single-use devices creates a potential risk of patient or user infection.

• Coagulation times must be monitored.

• Reprocessing may compromise the integrity of the device and/or lead to device failures.

• Guidewires contain cobalt. Cobalt is classified as CMR 16 and is present in a concentration of 1% weight by weight.

POTENZIELLE KOMPLIKATIONEN

Potential complications, but are not limited to:

• Hematoma at the entry site.

• Vessel perforation

• Venous thrombosis

• Hemorrhage

• Infection

• Device failure

• Drug reaction

SYSTEM-KOMPONENTEN
The PulseSpray System consists of a matched set of components including (Fig. 1):

(1) One (1) PRO[®] Infusion Catheter with longitudinal slots at the distal tip of the catheter shaft. The PRO[®] Infusion Catheter and Radopac Markers on the catheter shaft indicate the active infusion pattern (Fig. 3).

(2) One (1) matched Occluding Guidewire or matched Occluding Ball Wire which occludes the distal end of the PRO[®] Infusion Catheter. The Occluding Guidewires or Occluding Ball Wires are designed to be used in conjunction with the PRO[®] Infusion Catheter using the technique described earlier in these instructions.

NOTE: The PRO[®] Infusion Pump should select "1" to meet the "Occulsion Alarm Pressure Limit" set at 10.1 psi or greater.

NOTE: If infusion pump with a 32 cm infusion pattern is desired, adjust the infusion pump alarm limit. Pressures greater than 10.5 may develop.

NOTE: If infusion pump with a 42 cm infusion pattern is desired, adjust the infusion pump alarm limit. Pressures greater than 10.5 may develop.

NOTE: If infusion pump with a 20 cm infusion pattern is desired, no adjustment is necessary.

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