INTRODUCTION:
Your physician has requested that you undergo a pulmonary arteriogram to further diagnose and/or treat a pulmonary embolism (blood clot in your lung). Based on the findings of this study, additional interventions, such as lytic therapy, thrombectomy or stent placement may be performed. We are asking you to read and sign this form so that we can be sure you understand the procedure and potential benefits, along with the associated potential risks, complications, alternatives, the likelihood of achieving the goals, and the recuperative process. Please ask questions about anything on this form that you do not understand.

PROCEDURE:
A pulmonary arteriogram involves the placement of a plastic tube (catheter) into a vein in either your leg or your neck. Some numbing medicine will be injected in the skin over the vein that will be used before the catheter is inserted. Intravenous medications may also be given to you to make you more comfortable and relaxed. This is known as moderate sedation. Once the catheter has been placed into the vein, it will be advanced through the blood vessels until it reaches the vessels in your lungs. During this time, blood pressure measurements will be taken through the catheter. In addition, x-ray contrast material (x-ray dye) will be injected through the catheter and x-ray pictures taken. You may be asked to hold your breath for several seconds as these pictures are taken. During the injection of x-ray contrast material, you may experience a warm feeling or a strange taste in your mouth. Both of these sensations are temporary and will go away soon. Depending on the results of the pulmonary arteriogram, lytic therapy, a thrombectomy, or stent placement may be performed. At the completion of the pulmonary arteriogram, the catheter will be removed and pressure will be applied to the insertion site until the bleeding has stopped. To help prevent bleeding, it will be very important for you to lie flat in bed without moving your leg for up to four hours. If the pulmonary arteriogram shows that a blood clot is blocking one of your vessels, a special intravenous drug may be given to dissolve the clot. This is known as lytic therapy. This therapy may take 24 hours or more and may require that you be admitted to the Intensive Care Unit for monitoring while this drug is being given. Additional arteriogram x-ray pictures may be taken to determine the progress of the dissolving blood clot.

PROCEDURE (cont’d):
A thrombectomy may be performed to remove the clot. This involves using a device that breaks up and/or removes the clot. If, after either lytic therapy or a thrombectomy, there still is not enough blood flow through the vessel, a metal mesh tube (stent) may be placed at the site. The stent will widen the vessel and improve the blood flow.

RISKS:
Risks associated with the procedure include, but are not limited to, pain or discomfort at the catheter insertion site, bleeding at the site, injury to a blood vessel, infection which may result in an infection of the blood stream, the development of a blood clot (embolization), disturbances in heart rhythm (arrhythmia), and stroke. Risks associated with the x-ray contrast material include an allergic reaction and reduced kidney function. The medications used for the moderate sedation are associated with the risks of aspiration (inhaling food or liquid into your lungs) or respiratory depression. In addition to these potential risks associated with the procedure, the x-ray contrast material, and the moderate sedation medications, there may be other unpredictable risks including death.

ALTERNATIVES:
There may be other methods to diagnose and/or treat your pulmonary embolism, including medical management and surgery. If you are unsure about having a pulmonary arteriogram, along with possible lytic therapy, thrombectomy or stent placement performed, please discuss these other alternatives with your physician.
Consent for Pulmonary Arteriogram and Possible Lytic Therapy, Thrombectomy, or Stent Placement

AGREEMENT:
The information on this form was explained to me by __________________________. I understand the information and I have had the opportunity to ask any other questions I might have about the procedure, the reasons it is being performed, the associated risks, and the alternatives to the procedure. I agree to undergo the procedure to be performed by an authorized member of the Division of Vascular and Interventional Radiology and his/her associates, assistants, and appropriate hospital personnel, and accept the risks. I also agree that fellows, residents and surgical assistants may participate in significant tasks that are part of the procedure. In addition, I agree to have any other appropriate personnel present for the procedure.

I assign to the University of Pennsylvania Health System (“Health System”) all rights to any tissues, organs, cells, body parts, and/or body fluids that may be removed during this procedure and I authorize the Health System to use or dispose of such specimens according to its standard practices.

The University of Pennsylvania Health System routinely suspends all resuscitative aspects of living wills and Do Not Attempt Resuscitation orders during the pre-procedure, procedural and post-procedural period, unless you specifically tell us otherwise. This applies to all invasive and operative procedures.

Signature: ___________________________ Date: _________ Time _______
Patient

Signature: ___________________________ Date: _________ Time _______
Authorized Healthcare Professional obtaining and witnessing patient’s signature

Signature: ___________________________ Date: _________ Time _______
Attending physician (if applicable)

To be used if the patient is a minor, unconscious, or otherwise lacking decision making capacity.

I, _____________________________, the ___________________________
Relationship to patient
of _____________________________ hereby give consent.

Signature: ___________________________ Date: _________ Time _______
Legally Authorized Representative

Signature: ___________________________ Date: _________ Time _______
Authorized Healthcare Professional obtaining and witnessing representative’s signature

Signature: ___________________________ Date: _________ Time _______
Attending physician (if applicable)

Signature: ___________________________ Date: _________ Time _______
Witness to telephone consent