

KEY FACTS

LOCATION:

Philadelphia, PA

SQUARE FEET:

50,000

COMPLETED:

Ongoing

SERVICES:

MEP/FP, Structural, and Voice/Data Engineering

**HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA**

Bala has provided engineering services for over 10 years. The projects have included renovations to existing facilities, expansions, infrastructure upgrades, and feasibility study and analyses. We have engineered operating suites, interventional radiology labs, Class 1 sterile labs, and administrative spaces.

**Interventional Radiology Laboratories**

HUP added two new Angiography Laboratories and support spaces within the existing Ground Level of the Dulles Building at 36th and Spruce Streets. To enable the new 1,200 square foot labs to be constructed, the project relocated two existing GI/GU exam and procedure rooms to the Founders Ground level with new infrastructure improvements. New Radiology Outpatient, Angiography Patient, and CAT Scan Holding and Recovery areas were also completed as part of the renovation space. The total project area encompassed approximately 9,000 SF of existing clinical and office spaces. New mechanical systems serve the GI/GU procedure rooms while existing systems were modified for the Angiography Labs. New electrical power distribution systems with normal and emergency power were extended to each space. New medical gas systems serve all the patient care areas.

**Apheresis Suite**

A renovation of the existing Diabetes Outpatient unit was engineered to house the current Apheresis program. This renovation expanded the treatment capacity while addressing a greater requirement for support spaces and patient waiting. The engineering design increased the mechanical ventilation within the suite to meet the new use. A new electrical infrastructure was designed for increased equipment reliability to patient care equipment and improved lighting.

FOR MORE INFORMATION,  
PLEASE CONTACT:

**Thomas M. Reusche**  
Executive Vice President  
tmr@bala.com

**BALA CONSULTING ENGINEERS, INC.**  
443 SOUTH GULPH ROAD  
KING OF PRUSSIA, PA 19406

610 649 8000  
610 649 8475 FAX  
WWW.BALA.COM