

# World-Class Health Care at USC Arcadia Hospital

Residents in the San Gabriel Valley take comfort in knowing many of the leading advances in health care are provided at USC Arcadia Hospital. The development of a Hybrid Operating Room Surgical Suite will bring the most advanced, minimally invasive care to our community and will provide a new, efficient, surgical space that allows a multitude of procedures benefiting the community for decades to come. The Hybrid Operating Suite is an advanced procedural space that combines a traditional operating room with an imaging guided interventional suite. This combination allows our physicians to perform high complex, advanced surgical procedures.

When facing a serious health care crisis, we all seek the best doctors, treatments and care. The Hybrid Operating Room also helps ensure that USC Arcadia Hospital continues to attract the best and brightest doctors to serve on our medical teams. Hybrid Operating Rooms are used for cardiac surgery, vascular and endovascular surgery as well neurological and spinal surgery. This is the next major step in bringing the best of medicine today to Arcadia and the surrounding communities we serve.

## The Need: Hybrid Operating Room

Goal: **\$16M**  
Funding still needed: **\$8.5M**

A Hybrid Operating Room is an advanced procedural space that combines a traditional operating room with an image guided interventional suite. This combination allows for highly complex, advanced surgical procedures. Not only are the rooms combined, but the teams are combined to form a multi-disciplinary group of clinicians prepared to meet patient's complex needs.

Procedures that will be performed in the Hybrid Operating Room include:

- Transcatheter aortic valve replacement
- Complex vascular intervention
- Endovascular aneurysm repair
- Arteriogram, angioplasty, and complex endovascular stent procedures

Hybrid Operating Rooms will include a fixed angiographic imaging system, wall- or boom-mounted display monitors, and a heart-lung bypass machine. To accommodate the technology, a larger space is needed, nearly double the size of a standard operating room. Walls must be lined with lead to protect against radiation exposure, ceiling supports must be reinforced to accommodate equipment booms, and a positive pressure is required for OR-level sterility.



If the need arises to convert a minimally invasive surgery to an “open” procedure, these spaces allow for a smooth transition to an open procedure by providing all the necessary capability and personnel in one sterile space. In this situation, time is critical. With a Hybrid Operating Room, there are no delays in performing life- saving surgical services.

*If you would like to help us reach our goal, please contact:*

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