

**MITCHELL**

At Penn Presbyterian Medical Center, we've just established a entirely new radiology department. And in that

**SCHNALL:**

radiology department we put a really unique CAT scan resource. It's a brand new scanner, developed by General Electric called the revolution, and it is probably the best scanner in the world for being able to do vascular imaging with CT. In particular, we can make images of the heart, and associated coronary arteries, and other components of the heart that are dramatically better than I think we've seen before.

So this scanner sits right in emergency room. A patient comes to the emergency room and complains that they're having chest pain. In many emergency rooms, that patient will be monitored, will spend a night in the emergency room to try to decide whether or not that chest pain may or may not be due to coronary artery disease or maybe an impending heart attack.

At Penn Presbyterian, given that we've got this unique resource right in the emergency room, that patient can get a scan very quickly of their coronary arteries to know whether they've got significant coronary artery disease, and can move on to therapy, or even better yet, if they don't because it's not infrequently chest pain can be due to heartburn or other things. They can be sent right home without having to spend the night in the emergency room. So I think it has a really strong role in patient care.