

## **John Kowal, President of Varian Oncology Systems for the Americas**

### **How the Proton Beam works**

The Pro Beam Proton solution has been uniquely designed to deliver radiation with a proton versus a photon beam. And what this allows, with image guidance, this gives the opportunity for the radiation to be delivered in a very precise accuracy, not unlike a surgeon's scalpel, to be able to deliver the dose to the tumor to eradicate it yet minimize the dose to the health and structure surrounding the tumor. :28

### **OSF HealthCare has always been on the cutting edge when it comes to cancer care**

OSF HealthCare has always been on the pioneering edge of taking care of cancer patients and doing the right thing. And this is just the next step, literally of bringing proton therapy to Peoria and the rest of Illinois, all parts that OSF HealthCare takes care of. This matches Varian's vision of trying to create a world without fear of cancer. And the delivery of this technology is right on par with executing on that. :27

### **Specs to install the particle accelerator**

Behind these walls and incredible technology are numerous areas of six and 12 foot thick concrete designed in mind for patient comfort and to make sure that we can support the clinicians and their staff to maximize that high level of treatment for the patient. :18