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**Aktina Medical Announces Collaboration with Philips Medical  
Systems and Elekta Instruments for SRS Interlocking**

*Safety Interlocks Ensure Correct Cone Size at Time of Treatment*



Denver, CO (July 30, 2017) – [Aktina Medical](#) is proud to announce a collaboration with [Philips](#) Medical Systems and [Elekta](#) Instruments for SRS interlocking at the 2017 American Association of Physicists in Medicine (AAPM) conference. Aktina’s SRS Cone Adapter and Elekta’s LINAC Radiotherapy system are now integrated and automated for use within the [Philips Pinnacle<sup>3</sup> Treatment Planning System](#).

“Pinnacle TPS will now be capable of connecting directly to Elekta’s LINAC system with the full integration of Aktina’s Interlocked SRS cones. This functionality means that all safety interlocks will be automatically transferred along with the treatment plan in DICOM format,” said Nicholas G. Zacharopoulos, COO, Aktina Medical. “No manual

intervention will be required to ensure that the correct cones size and jaw sizes are implemented at the time of treatment.”

“With the first truly interlocked cones, Aktina really set a new benchmark for safety in SRS treatments,” said Shrikant S. Kubsad, Ph.D., DABR. Director, Medical Physics, Bismarck Cancer Center. “And now that the cone interlock is fully integrated and automated within the Pinnacle planning system, the radiation oncology community will start to receive the full benefits of this partnership.”

Aktina’s adapter simply snaps onto the Elekta LINAC head without any need for collimator faceplate modifications. Aktina’s interchangeable cones are lightweight and extremely accurate, available from 5mm through 40mm field sizes in increments of 1mm. Each cone is uniquely recognized by the Elekta LINAC through the system’s bar code scanner, and the cones are electronically interlocked through the Elekta Record and verify system by a series of micro switches embedded in the cone applicator. Together, these elements help automate the confirmation process and help reduce potential errors that could occur at treatment.

“It is a pleasure working with Aktina, as they are very open and eager to implement this very important interlocking integration,” said Catherine Large, Physics Support Specialist, Philips Medical Systems. “Our Pinnacle SRS module is much more user friendly and safer with this collaboration.”

Philips is scheduled to release the Aktina Cones interlocked functionality in Q1 2018.

**For more information on Aktina Radiation Oncology solutions please contact Michael Plantamura at [Mike.Plantamura@aktina.com](mailto:Mike.Plantamura@aktina.com) or visit [www.Aktina.com](http://www.Aktina.com).**

### **About Aktina**

Aktina Medical is owned and operated by certified Medical Physicists with over 30 years experienced and active contributions to the Radiation Oncology community.

Our unique combination of consultation services and experience in designing and manufacturing quality radiation oncology systems will make Aktina the primary source for your department's Radiation Oncology needs. For more information visit [www.Aktina.com](http://www.Aktina.com).

### **About Elekta**

Elekta is proud to be the leading innovator of equipment and software used to improve, prolong and save the lives of people with cancer and brain disorders. Our advanced, effective solutions are created in collaboration with customers, and more than 6,000 hospitals worldwide rely on Elekta technology. Our treatment solutions and oncology informatics portfolios are designed to enhance the delivery of radiation therapy, radiosurgery and brachytherapy, and to drive cost efficiency in clinical workflows. Elekta employs 3,600 people around the world. Headquartered in Stockholm, Sweden, Elekta is listed on NASDAQ Stockholm. [www.Elekta.com](http://www.Elekta.com).

### **About Philips**

Royal Philips (NYSE: PHG, AEX: PHIA) is a leading health technology company focused on improving people's health and enabling better outcomes across the health continuum from healthy living and prevention, to diagnosis, treatment and home care. Philips leverages advanced technology and deep clinical and consumer insights to deliver integrated solutions. The company is a leader in diagnostic imaging, image-guided therapy, patient monitoring and health informatics, as well as in consumer health and home care. Philips' wholly owned subsidiary Philips Lighting is the global leader in lighting products, systems and services. Headquartered in the Netherlands, Philips posted 2015 sales of EUR 24.2 billion and employs approximately 104,000 employees with sales and services in more than 100 countries. News about Philips can be found at [www.philips.com/newscenter](http://www.philips.com/newscenter).

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