#

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**Surgeons present Renishaw implant technology at craniomaxillofacial surgery masterclass**

**Three surgeons will showcase implant technology from global** engineering and healthcare technologies company**,** Renishaw**, during a masterclass at the British Association of Oral and Maxillofacial Surgeons (BAOMS) conference this year. The Annual Scientific Meeting is taking place between June 28th- 30th at the International Convention Centre in Birmingham, UK.**

On June 30th, surgeons Cellan Thomas, Saty Bhatia and Shakir Mustafa will give a masterclass on the use of 3D printing technology for oncology and skull base access for patient specific solutions. All three surgeons use patient specific implants (PSIs) on a regular basis and will demonstrate the benefits of 3D printing technology in craniomaxillofacial surgery.

The masterclass will include an overview of Computer-Aided Design (CAD) as well as Computer-Aided Manufacturing (CAM) and additive manufacturing. This overview will show how additive manufacturing technology can improve the production and quality of PSIs for multiple applications. They will focus on the use of additively manufactured PSIs and custom surgical guides for cranioplasty, orbital floor trauma reconstruction, zygomatic osteotomies, secondary trauma treatment and mandibular re-resection with free tissue flap reconstruction.

Thomas, Bhatia, and Mustafa will also be joined by Luke Maxwell, a specialist technician who works closely with the surgical teams led by these speakers. During the masterclass, he will explain the entire process, from implant and guide design to planning for surgery. He will show the importance of guides and collaborating closely with surgeons when planning and designing to get the best results for patients.

“The collaboration between Renishaw and experienced surgeons aims to motivate more hospitals to adopt additive manufacturing technology to improve patient outcomes,” explained Ed Littlewood, Marketing Manager at Renishaw’s Medical and Dental Products Division. “This masterclass allows surgeons to learn from professionals with hands-on experience of Renishaw’s technology and see how it has developed to impact this field of surgery through several recent cases.”

**For more information on how clinicians can improve the results of surgery with additive manufacturing, visit the website www.renishaw.com/cmf.**

Ends 345 words

Notes to editors

UK-based Renishaw is a world leading engineering technologies company, supplying products used for applications as diverse as jet engine and wind turbine manufacture, through to dentistry and brain surgery. It has over 4,000 employees located in the 35 countries where it has wholly owned subsidiary operations.

For the year ended June 2016 Renishaw recorded sales of £436.6 million of which 95% was due to exports. The company’s largest markets are China, the USA, Japan and Germany.

Throughout its history Renishaw has made a significant commitment to research and development, with historically between 14 and 18% of annual sales invested in R&D and engineering. The majority of this R&D and manufacturing of the company’s products is carried out in the UK.

The Company’s success has been recognised with numerous international awards, including eighteen Queen’s Awards recognising achievements in technology, export and innovation.

Renishaw is listed on the London Stock Exchange (LSE:RSW) where it is a constituent of the FTSE 250, with a current valuation of around £1.8 billion.

Further information at [www.renishaw.com](http://www.renishaw.com)