



**CONTACT:**  
Doug Kim  
SAMSUNG MEDISON Co., Ltd  
Tel: +82-2-2194-1046  
Mobile: +82-10-8865-7053  
E-mail: [doug.kim@samsungmedison.com](mailto:doug.kim@samsungmedison.com)

## **Samsung's Diagnostic Ultrasound Imaging 'Crystal Vue' Featured on the Cover of Leading Academic Journal**

*Fetal diagnosis case by Crystal Vue selected as the Picture of the Month by Ultrasound in Obstetrics & Gynecology*

**SEOUL, Korea – March 29, 2016** – [Samsung Medison](http://www.samsungmedison.com), a global medical equipment company and an affiliate of Samsung Electronics, today announced that its latest imaging technology 'Crystal Vue' has been featured on the front cover of Ultrasound in Obstetrics & Gynecology (UOG), a renowned academic journal in the women's healthcare industry and the official journal published by the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG).

The March edition of the UOG featured a clinical case study by Dr. Christoph Lees, professor at the Department of Surgery & Cancer within the Faculty of Medicine at Imperial College in London. Using Samsung's premium diagnostic ultrasound system WS80A, professor Lees introduced two cases of prenatal imaging through Crystal Vue, of which the rib & vertebral images were selected as the Picture of the Month by UOG.

"Our experience with Crystal Vue over the past few months, specifically imaging of the bone and soft tissue interface, leads us to believe that it may offer new opportunities for prenatal imaging, particularly for the skeletal system, but also in facial and brain imaging," Professor Lees stated in his study. "We were able to obtain highly detailed images that give particular information on the contour of the ribs and allow inference on mineralization."

Crystal Vue is an advanced 3D volume rendering technology that enables users to assess detailed information of internal and external structures of the fetus or uterus and helps easily differentiate between the soft tissue and bone. With the additional morphological information, users may deepen their understanding of the patients and fetus.

Crystal Vue was first introduced at the 25th World Congress on Ultrasound in Obstetrics and Gynecology, held in Canada in October 2015, as the latest imaging function of the WS80A. The WS80A with Crystal Vue is currently available globally.

"We are thrilled that Samsung's latest technology was recognized in a leading academic journal as a new diagnostic imaging that can provide more clinical values in women's health," said Dongsoo Jun, President of Health & Medical Equipment Business at Samsung Electronics and CEO of Samsung Medison. "With Samsung's leading display and software technology, we will continue to develop new features that can increase diagnosis confidence and contribute to women and fetal health."

To access the case study featured in the UOG, please visit,  
<http://onlinelibrary.wiley.com/doi/10.1002/uog.15800/full>

For detailed information on the Crystal Vue and WS80A, please visit,  
[http://www.samsungmedison.com/micro/WS80A\\_with\\_Elite/main.jsp](http://www.samsungmedison.com/micro/WS80A_with_Elite/main.jsp)

To learn more about Samsung's global medical equipment business, please visit,  
<http://www.samsung.com/global/business/healthcare/>

### **About Samsung Medison**

Samsung Medison, an affiliate of Samsung Electronics, is a global medical equipment company founded in 1985. With a mission to bring health and well-being to people's lives, the company manufactures diagnostic ultrasound systems around the world across various medical fields. Samsung Medison has commercialized the Live 3D technology in 2001 and since being part of Samsung Electronics in 2011, it is integrating IT, image processing, semiconductor and communication technologies into ultrasound devices for efficient and confidence diagnosis. For more information, please visit [www.samsungmedison.com](http://www.samsungmedison.com)

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