

Editorial

Few months ago, Asim Kurjak, Editor-in-Chief of Donald School Journal of Ultrasound in Obstetrics and Gynecology and obviously my friend, made me an offer I could not reject: To prepare a monographic publication dedicated to the work that we are carrying out at the Valencia School of Medicine.

Immediately, I thought about something really novel and very interesting with probably a big impact on the future: High definition in real time (or live), ultrasound (HDlive US) in obstetrics and gynecology.

Despite this technique is not exactly like this, as you are going to understand while reading the following chapters, imagine that you introduce yourself inside the uterus with a very powerful lantern which is going to give you a better view of the fetus with its shadows.

You are going to improve a lot in the image, as well as be capable to increase or decrease light intensity and move it wherever you want. Summing up, a huge advance.

In order to be updated, I have asked the collaboration of Prof Gregori for her recent nice publications and Toshi Hata, Professor from Tokyo and the person who knows more in the world about this new technology nowadays. To all of them, thank you very much.

Throughout my academic life, I have experienced:

- The birth of ultrasounds with and without gray scale. Nobody believed in them, but they finally changed completely our specialty.
- The birth of the vaginal ultrasound, thanks to Prof Alfred Kratochwil, who changed ultrasound in reproduction and oncological gynecology. At first, not many people believed in it.
- Speeches in the most important medical congress of ultrasound in obstetrics and gynecology about how useless 3D ultrasounds were. The same people, who said that were lately, who published that they were the 3D 'discoverers'.

The same thing is happening right now with HDlive.

Some prestigious publications (our 'yellow Journal', *Ultraschall in der Medizin*; *Ultrasound Obstet Gynecol*, *Ultrasound Quarterly*, *RBM on Line*, *J Med Ultrasonics Japan*, etc) have published not only papers, but also have dedicated the journal cover. Whereas other ones, whom I would not mention, thought that this new software neither improves the image quality nor has future.

The same as has been done in the past.

I strongly believe not only that HDlive improves a lot in the quality of images, but also that it has an interesting future. I finally think that this publication is going to be an important reference for future similar ones.

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