

	Policy #: 17.9
SUBJECT: 2D, 3D, AND 4D Sonography	Effective: 3/23/06 Reviewed: 2/21/2019
APPROVED BY: <b>Director of Radiology</b>	Page 1 of 1

## 2D, 3D, AND 4D Sonography

### Purpose:

To provide state of the art diagnostic medical images using 2D, 3D, and 4D probes.

### Policy:

Medical sonographers are specifically trained to provide state of the art ultrasound examinations which include real time imaging, Color Flow Doppler as well as 3D and 4D imaging. Real time 4D provides continuous, high volume acquisition of 3D images. 4D adds the dimension of “movement” to a 3D image by providing continuous, real-time displays. With 4D, you can apply rendering techniques to smooth out the appearances of anatomical structure, for example, a baby’s spine.