

## Verasonics acquisition scripts to perform uAM imaging

All scripts need Vantage-4.2.0 or higher software and a Verasonics scanner

- Sequence LiveView and save uAM.m : uAM live view imaging with option to save sequence of uAM images after pressing Save Image button on the Vantage GUI.
- RunSetUp uAM Doppler acquire.m : Acquisition script for Doppler-uAM imaging. Acquisition only. At the end of each set of 200 IQ images acquired, the Raw Frequency data are saved and stored for offline reconstruction
- RunSetUp uAM Doppler reconAll.m : Reconstruction script for Doppler-uAM imaging. The script load the Raw Frequency data acquired with RunSetUp uAM Doppler acquire.m and perform the Hadamard reconstruction as well as the beamforming of the data before saving them in .bin format.