

sono  wand™
invite

PROBE SELECTION

Image quality is crucial when it comes to intraoperative imaging in neurosurgery. SonoWand Invite comes with a wide variety of probes, and by choosing the right one for a given clinical situation you will get the best possible information that the system can provide.

Getting the most accurate and reliable guidance during the whole procedure.

Each probe is specially developed and designed for SonoWand Invite to fulfill a specific need. All models deliver high quality intraoperative imaging to help optimize the surgical procedure. Tight integration with the software makes it possible to update the surgical map in only 5-10 seconds – approximately 10 times faster than for conventional imaging modalities. The system allows simultaneous use of two probes, enabling two kinds of imaging during the same procedure. For example one probe is used to get an overview and the other one for a more detailed perspective. The neurosurgeon simply changes probe, and the system will recognize it within seconds. There is no need for further calibration. All SonoWand probes provide high definition 3D angio imaging.

All SonoWand probes are equipped with a removable sterilizable localizer, and are factory calibrated for precise acquisition



visualizing the invisible



8 FPA – THE STANDARD SONOWAND PROBE

The wide range of ultrasound probes facilitates intraoperative scanning and navigation both superficially and deep in the parenchyma, in the posterior fossa, in the medulla and through small craniotomies.

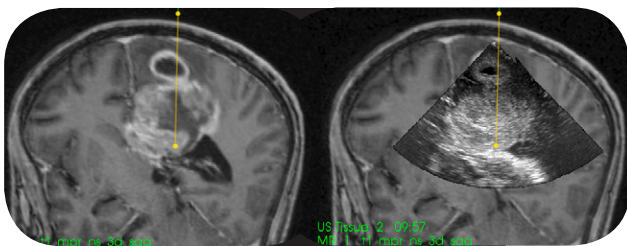
The Flat Phased Array probe is suitable for both superficial and deep-seated targets with optimal imaging down to 8 cm. High definition 3D angio imaging is standard for all SonoWand probes.

TECHNICAL SPECIFICATIONS:

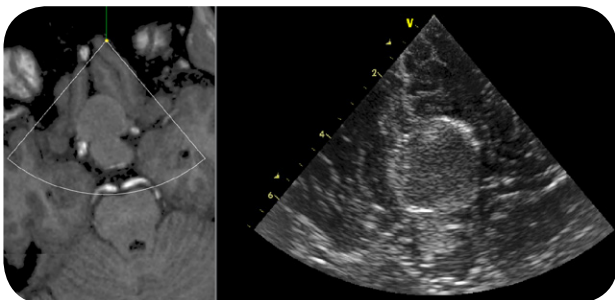
Total Image Range	1-12 cm
Optimal Image Range	2-8 cm
Frequency Range	3-8 MHz
Footprint	25 x 17 mm

RECOMMENDED USE:

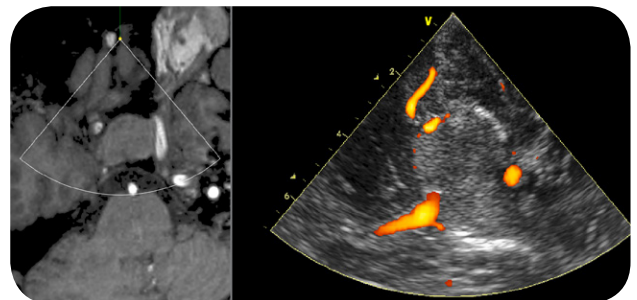
The 8 FPA probe is the standard probe delivered with every SonoWand Invite™. It is a versatile probe especially suited for large and deep-seated lesions. A special application for superficial scanning makes this probe useful also in the near-field.



Glioblastoma



Macroadenoma



Macroadenoma - angio enabled