



SONOGRAPHERS

**Changing Lives
One Scan at a Time**

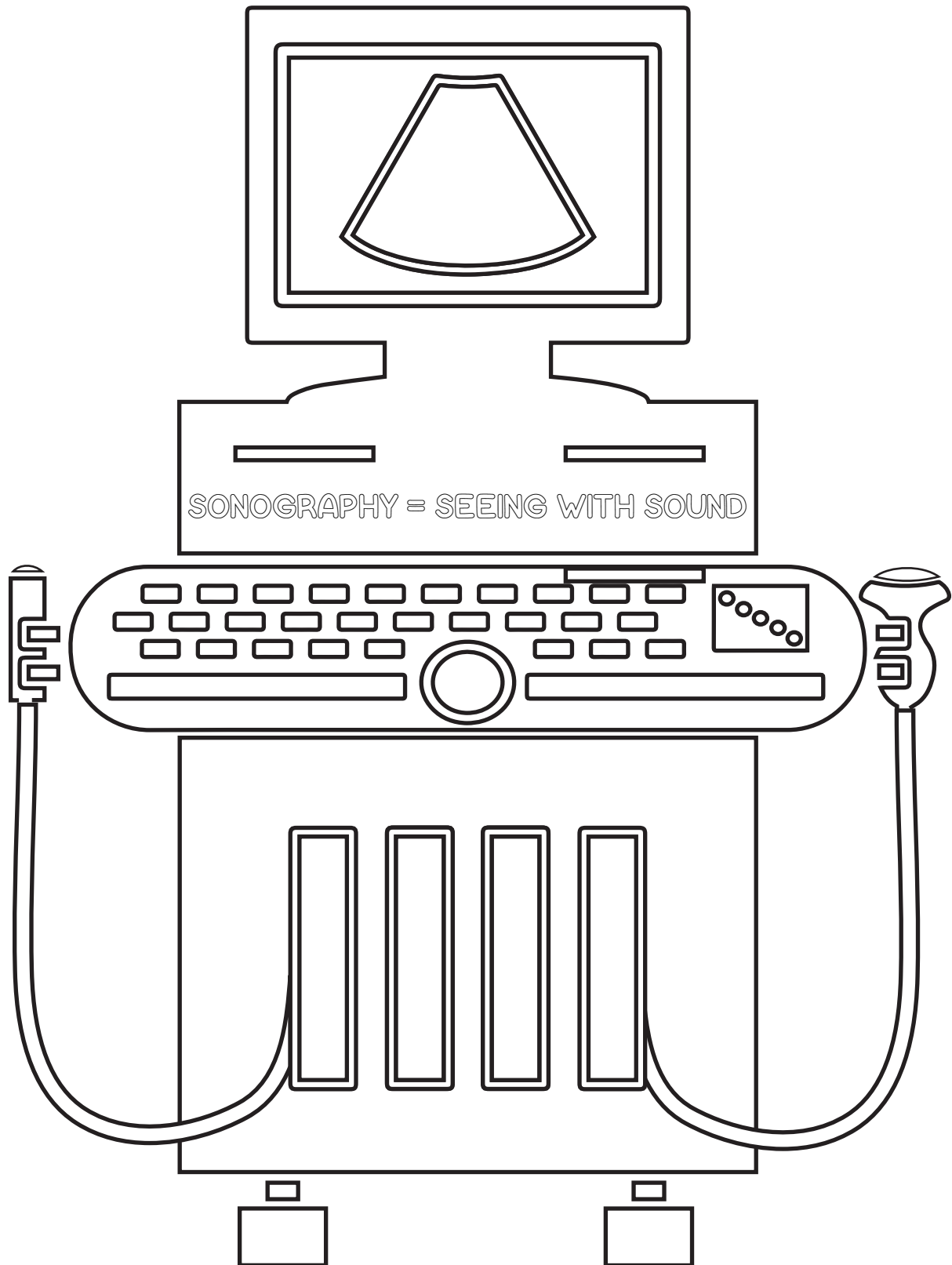


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Sonographers are an elite group of medical professionals who use ultrasound technology to see the body's organs, tissues, and musculature.





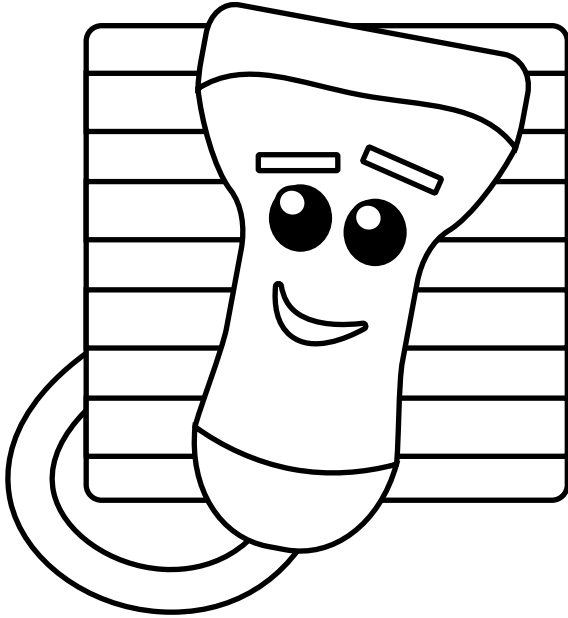
A computer analyzes the sounds from the sound waves that are bounced off internal structures in the body and creates an image of the structure. But unlike X-rays, no radiation is used.



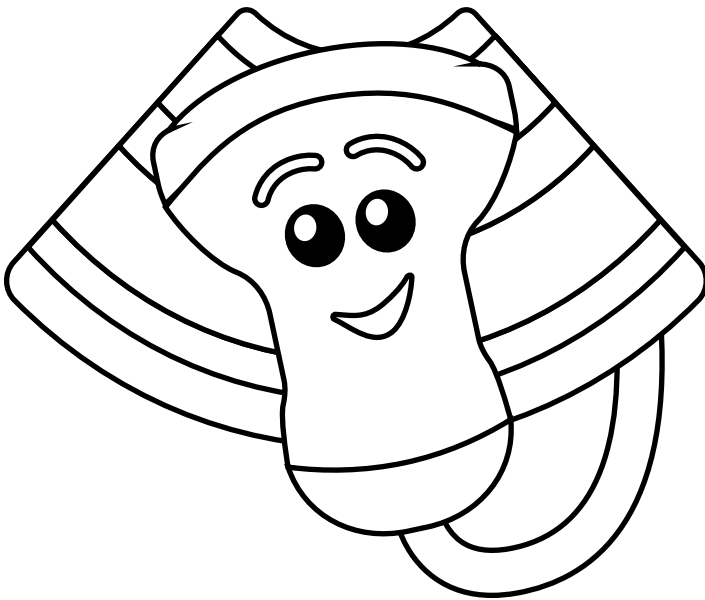
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Ultrasound Transducer Types

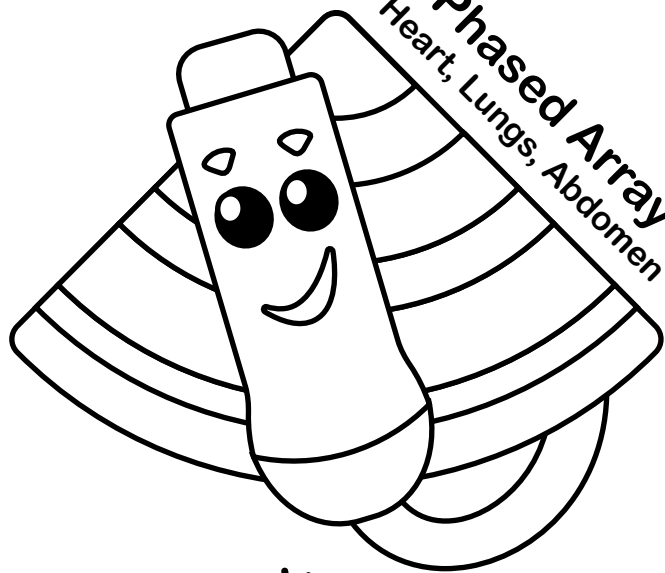
Linear
Blood Vessels, Skin, Eyes



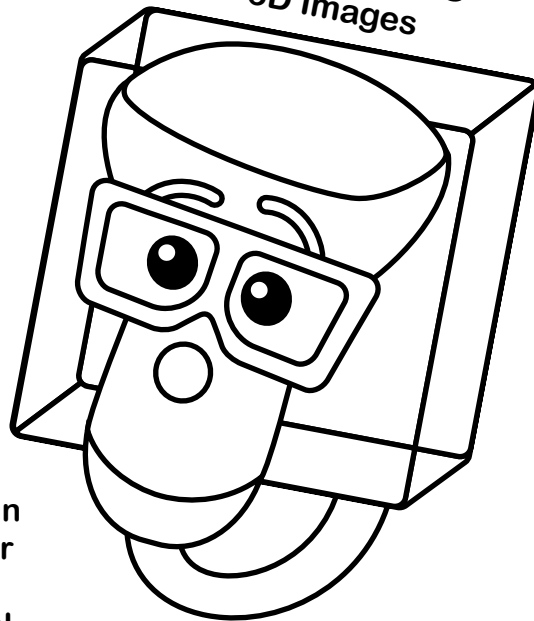
Curvilinear
Kidney, Liver, Bladder



Phased Array
Heart, Lungs, Abdomen



Volumetric
3D Images



The sonographer places a small device known as the transducer against the skin in the area to be imaged. The transducer sends high frequency sound waves into the body, which are bounced off internal structures in the body.



