

Ultrasound-guided puncture refers to a medical procedure where a healthcare provider uses ultrasound imaging to guide the insertion of a needle into a specific area of the body. This procedure is commonly used to obtain samples of fluid or tissue for diagnostic purposes, or to deliver medication to a specific site.

Ultrasound-guided puncture is typically performed using a small ultrasound probe that is placed on the skin over the area of interest. The probe emits high-frequency sound waves that bounce off the body's tissues, creating an image on a computer screen that the healthcare provider can use to guide the needle into the target area.

This technique is particularly useful for procedures that involve small, deep or hard-to-reach areas of the body, as it allows for precise placement of the needle and reduces the risk of injury to surrounding tissues or organs.

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