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What Is a Hypoechoic Mass?

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What is this?



A hypoechoic mass is tissue in the body that's more dense or solid than usual. This term is used to describe what is seen on an ultrasound scan. Ultrasound uses sound waves that are absorbed by or bounce off of tissues, organs, and muscles. The waves form the black and white image you see on an ultrasound screen.

Ultrasound is a useful tool to see if any part of your body has changed from its baseline state. One tissue type may have a different [echogenicity](#) than another. This is the amount of sound waves that are reflected or echoed back.

A change may show up as hypoechoic or hyperechoic. These masses differ in a number of ways:

Hypoechoic mass	Hyperechoic mass
more solid	less dense
less echogenic (absorbs more ultrasound waves)	more echogenic (reflects more ultrasound waves)

