

Jugular venous oxygen monitoring

see [Brain tissue oxygen monitoring](#)

Indications for [Jugular Venous Oxygen Saturation](#) or [PbtO2](#) monitoring include the need for augmented [hyperventilation](#) ($pCO_2 = 20-25$) to control [ICP](#). Parameters related to the [oxygen](#) content of the blood in the [jugular veins](#) are global in nature and are insensitive to focal pathology. Requires retrograde [placement](#) of the [catheter](#) near the origin of the [internal jugular vein](#) at the base of the [skull](#).

Parameters that can be measured:

[Jugular venous oxygen saturation](#)

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