

# Coeliac Ganglion Blocade

Coeliac ganglion blockade is a type of paliative tratment of abdominal pain especially in patients in terminal stage of malignant diseases as:

- pancreatic cancer;
- biliary system tumors;<sup>[1]</sup>
- or chronic pancreatitis.

This procedure is the best solution for all these patients, when the clasical therapy of pain by drugs (opioids) has side effects (nausea, obstipation...) or does not have required effect.

The celiac ganglion is nervous ganglion localized in retroperitoneal space and surrounds the origin of the celiac trunk. It leads abdominal pain.

## Procedure

The blocade can be performed:

- percutaneously under radiological control (CT);
- endoscopically under EUSG control.<sup>[2]</sup>

Then is into the ganglion injected 12 ml of 96% ethanol, 6 ml of 0,5% marcain and 0,5 ml of constrast agent by a needle.<sup>[1]</sup>

## Links

### Related articles

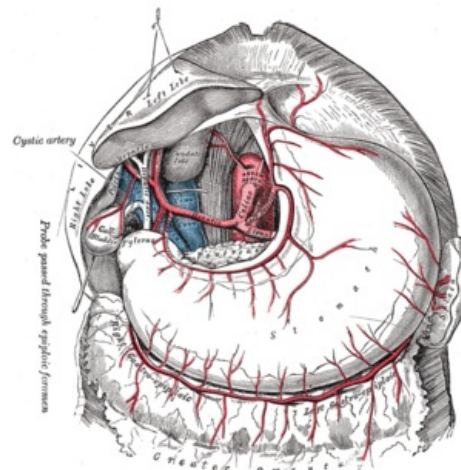
- Pancreatic cancer

### External links

- Endoscopic ultrasound-guided celiac plexus and ganglia interventions (<http://www.uptodate.com/contents/endoscopic-ultrasound-guided-celiac-plexus-and-ganglia-interventions>)

### References

1. ŠIMŠA, Jaromír. *Onkosurgery* [lecture for subject Surgery, specialization Surgery, 1. LF UK Charles University in Prague]. Prague. 2011-10-08.
2. BURKITT, H. George – QUICK, Clive R. G. *Essential surgery : problems, diagnosis and management*. 4. edition. Edinburgh ; New York : Churchill Livingstone, 2007. 793 pp. pp. 373. ISBN 9780443103469.



The coeliac ganglion is localized near to thruncus coeliacus in retroperitoneal space.