

Development of the duodenum

Duodenum arises from the end part of the foregut and part of the middle intestine - the border is below the outlet of the ductus choledochus. Due to the rotation of the stomach, the duodenum takes the shape of the letter C and turns **to the right**. Like the pancreas, it is found in the retroperitoneum (except the pars superior duodeni).

During the 2nd month, the lumen of the duodenum is temporarily closed due to the proliferation of enterocytes, but after several apoptoses it opens again.

The foregut supplies the truncus coeliacus, the midgut a. mesenterica superior → the duodenum therefore has a double supply.

Links

Related articles

- Development of the digestive system
- Development of esophagus
- Stomach development
- Development of mesogastria
- Development of liver and gallbladder
- Intestinal Development

Used literature

- SADLER, Thomas W.. *Langmanova lékařská embryologie*. 10. edition. Praha : Grada Publishing, a.s., 2011. 414 pp. pp. 237 - 244. ISBN 978-80-247-2640-3.
- MOORE, Keith L – PERSAUD, T.V.N. *Zrození člověka : Embryologie s klinickým zaměřením*. 1. edition. 2000. 564 pp. ISBN 80-85866-94-3.