

# Development of stomach

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- At week 4, spindle-shaped enlargement of the front intestine of the embryo,
- the shape and placement change due to the different growth rate of individual walls and the change of the position of organs in the vicinity,
- the stomach rotates 90 ° around its longitudinal axis (originally the left side ventrally, originally the right dorsally),
  - therefore, the vagus nerve also moves forward from the originally left side and backwards from the right side,
- originally the posterior wall grows faster than the anterior wall, therefore a major and minor curvature is formed,
- the cranial and caudal part also shifts from its central axis,
  - the caudal part (pylorus) moves to the right and up,
  - the cranial part (cardia) moves left and down,
- the axis of the stomach now points from top to bottom and to the right.

## Congenital malformations of the stomach

- Pyloric stenosis - hypertrophy of the gastric muscle in the pyloric area,
  - one of the most common defects, probably occurs already in the fetal period,
  - restriction of digestion, severe vomiting.