

Electromyography of the sphincter of Oddi and gastrointestinal tract : experimental studies in the Opossum

Citation for published version (APA):

Coelho, J. C. U. (1985). *Electromyography of the sphincter of Oddi and gastrointestinal tract : experimental studies in the Opossum*. [Doctoral Thesis, Maastricht University]. Rijksuniversiteit Limburg. <https://doi.org/10.26481/dis.19850101jc>

Document status and date:

Published: 01/01/1985

DOI:

[10.26481/dis.19850101jc](https://doi.org/10.26481/dis.19850101jc)

Document Version:

Publisher's PDF, also known as Version of record

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

www.umlib.nl/taverne-license

Take down policy

If you believe that this document breaches copyright please contact us at:

repository@maastrichtuniversity.nl

providing details and we will investigate your claim.

STELLINGEN

1. The sphincter of Oddi of the opossum propels biliopancreatic secretion into the duodenum.
2. Administration of alcohol into the upper gastrointestinal tract causes intense spike activity of the sphincter of Oddi.
3. The motility of the gastrointestinal tract is normal within 24 hours following most abdominal operations.
4. The increase in the velocity of propagation of the phase III of the migrating myoelectric complex during infusion of serotonin and 16,16 dimethyl prostaglandin E₂ may contribute for the diarrhea observed during administration of these two substances.
5. Cholecystokinin increases the motility of the sphincter of Oddi in the opossum.
6. Although the motility of the sphincter of Oddi is different from that of the duodenum, the frequency of spike potentials in the sphincter of Oddi correlates with the migrating myoelectric complex phases in the duodenum.
7. Real-time ultrasonography is superior to arteriography in detecting arterial defects at operation.
8. Endocrine tumors are less echogenic than the normal pancreatic tissue and therefore are usually very easily recognized by operative ultrasonography.
9. Operative ultrasonography is very helpful to localize small kidney stones.
10. The incidence of common bile duct stones is the same in patients with acute or chronic cholecystitis.
11. Tension subcutaneous emphysema needs decompression in patients with intracranial hypertension.
12. 5 minute hand scrub is superior to 10 minute hand scrub.
13. Gastric banding for the management of morbid obesity is associated with high incidence of complications and probably should be abandoned.
14. Taxpayers, purchasers of insurance, and payers of fees want a pared-down economy model until we are sick.

Stellingen behorende bij het proefschrift "Electromyography of the sphincter of Oddi and gastrointestinal tract. Experimental studies in the Opossum".

Julio C.U.Coelho
Maastricht, 15 november 1985