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*Basic Study*

**Electroacupuncture at ST36 modulates gastric motility *via* vagovagal and sympathetic reflexes in rats**

Lu MJ *et al.* The neurocircuits of EA at ST36

Meng-Jiang Lu, Zhi Yu, Yan He, Yin Yin, Bin Xu

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### (PDF) Effective regularity in modulation on gastric motility induced by ...

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2018年10月10日 - The changes of **gastric motility** induced by the stimulation were compared .... **reflexes** mediate the inhibition and the stimulation of **gastric motility** via **sympathetic** and parasympathetic efferents, respectively ..... In this hypothesis, **EA** or manual acupuncture stimulation at **ST 36** may activate **vagal** nerve ...

### Effect of electroacupuncture on gastric motility and heart rate variability ...

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It is suggested that the stimulatory effect of **EA at ST-36** on **gastric motility** is ... **Modulation** of gastric function **using** MNS was also absent after vagotomy in ..... In animal experiments, electroacupuncture either increased the **vagal** or the **sympathetic** activity, ..... Somatoautonomic **reflexes** in acupuncture therapy: A review.

### Moxibustion Modulates Sympathoexcitatory Cardiovascular Reflex ...

<https://www.frontiersin.org/articles/10.3389/fnins.2018.01057> ▼ 翻译此页

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2019年1月21日 - Blood pressure **reflex** responses were not reduced by both **EA** and moxibustion at G39. ... and **reflex** elevated blood pressure **through** reduction of **sympathetic** activity ... Moxibustion applied at acupoint **ST36 modulated gastric motility** in rats (Su et al., ..... **Modulation** of single **vagal** efferent fibre discharge by ...

### Moxibustion Modulates Sympathoexcitatory Cardiovascular Reflex ...

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## Electroacupuncture at ST37 Enhances Jejunal Motility via ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) › ... › v.2016; 2016

Consistent with this theory, in our previous study we have shown that EA at ST25 inhibits **gastric** and jejunal **motility** via the **sympathetic** pathway [14, 29] and, in this present study, we have demonstrated the critical role of the parasympathetic pathway in mediating the effect of EA at ST37 on jejunal **motility**.

Cited by: 3

Author: Mengqian Yuan, Yuqin Li, Yidan Wang, N...

Publish Year: 2016

## The Neural Pathway of Reflex Regulation of ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) › ... › v.2012; 2012

Dec 31, 2012 - Acupuncture has a reflex regulation in gastrointestinal functions, which is characterized with segment. In the present study, the neural pathway of electroacupuncture (EA) at orofacial acupoints (ST2) on **gastric** myoelectric activity (GMA) **in rats** was investigated.

Cited by: 1

Author: Jianhua Liu, Wenbin Fu, Wei Yi, Zhenhua...

Publish Year: 2012

## Electroacupuncture at LI11 promotes jejunal motility via ...

<https://bmccomplementalternmed.biomedcentral.com/articles/10.1186/...> ▾

Jun 21, 2017 - In animal models, acupuncture stimulation of abdominal skin inhibits gastrointestinal **motility** primarily by exciting **sympathetic** pathways, whereas acupuncture at hind paws enhances **gastric motility** mainly **via** parasympathetic pathways [14, 15]. Electroacupuncture (EA) is a variant of manual acupuncture (MA) in which electrical stimulation is ...

Cited by: 1

Author: Xuanming Hu, Mengqian Yuan, Yin Yin, Y...

Publish Year: 2017

## Effect of electroacupuncture on gastric motility and heart ...

[https://www.researchgate.net/publication/5764414\\_Effect\\_of...](https://www.researchgate.net/publication/5764414_Effect_of...)

Request PDF on ResearchGate | Effect of electroacupuncture on **gastric motility** and heart rate variability in conscious **rats** | To clarify the mechanism of site-specific effects of acupuncture on ...

## Electroacupuncture at ST37 Enhances Jejunal Motility via ...

<https://www.hindawi.com/journals/ecam/2016/3840230> ▾

Background. The roles of the **sympathetic** and parasympathetic systems in mediating the effect of electroacupuncture (EA) at ST37 on jejunal **motility** have yet to be demonstrated. Aim. We used **rats** and mice to investigate the effect and mechanism of action of EA at ST37 on jejunal **motility**. Methods. Jejunal **motility** was recorded by a balloon placed in the jejunum and connected to a biological ...

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## Electroacupuncture at LI11 promotes jejunal motility via the ... - NCBI

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作者: X Hu - 2017 - 被引用次数: 3 - [相关文章](#)

2017年6月21日 - Gastrointestinal motility disorder has been demonstrated to be ... An important role of the somatic-autonomic reflex in gastrointestinal .... Then, we cut the gastro-vagal nerves of the rats to evaluate the role of the parasympathetic pathway. ... The role of the sympathetic pathway in the effect of EA at LI11.

## Electroacupuncture at ST25 inhibits jejunal motility: Role of ... - NCBI

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4724614/> ▼ [翻译此页](#)

作者: Z Yu - 2016 - 被引用次数: 6 - [相关文章](#)

2016年2月7日 - METHODS: Jejunal motility was assessed using a manometric balloon ... Jejunal motility, Electroacupuncture, Sympathetic nervous system, ... (EA) (at ST25) may alter jejunal motility via a somatosympathetic reflex, ..... to the difference in vagal efferent activity that mediates the phase III gastric contractions.

## Effect of Electroacupuncture at ST36 on Gastric-Related Neurons in ...

<https://www.hindawi.com/journals/ecam/2013/912898/> ▼ [翻译此页](#)

作者: X Wang - 2013 - 被引用次数: 5 - [相关文章](#)

2013年9月2日 - EA at ST36 changes the firing rate of gastric-related neurons in SDH and NTS. ... The transmission of nociceptive signals can be modulated by powerful ... motility induced by stimulating ST36 seems to be mediated via vagal reflex in ... point at which EA or manual acupuncture enhances gastric motility [22].

缺少字词: sympathetic

## “Intensity-Response” Effects of Electroacupuncture on Gastric Motility ...

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