
English Summary

EFFECT OF *CITRUS AURANTIFOLIA* SWINGLE PERICARP EXTRACT ON THE HISTAMINE-INDUCED CONTRACTION OF ISOLATED GUINEA PIG TRACHEA

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The pharmacodynamic profile and the phytochemical aspects of *Citrus aurantifolia's* pericarp extract has been investigated.

The experiment used histamine-induced guinea pig's isolated trachea previously treated with propranolol 10^{-6} M and cimetidine 10^{-5} M.

The active compound found to have the inhibitory effect is flavanon, as identified by ultraviolet spectroscopy.

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REFLUX OESOPHAGITIS

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Reflux oesophagitis is inflammation of the oesophageal mucosa secondary to reflux. This disease is a common cause of upper gastrointestinal symptoms including heartburn and regurgitation.

The development of reflux oesophagitis reflects an imbalance between antireflux mechanism of oesophagitis and gastric condition.

History is the single most useful factor in the diagnosis of reflux oesophagitis. Special investigation should be performed when symptoms are unspecific or persist despite therapy. The aims of treatment are to control symptoms and to heal mucosal damage.

Treatment consist of three phases: lifestyle modification, medication and surgical therapy.

The major local complications of reflux oesophagitis are bleeding, ulcer, stricture and the development of Barrett's epithelium.

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*Common souls pay with what they do,
nobler souls, with what they are
(Emerson)*