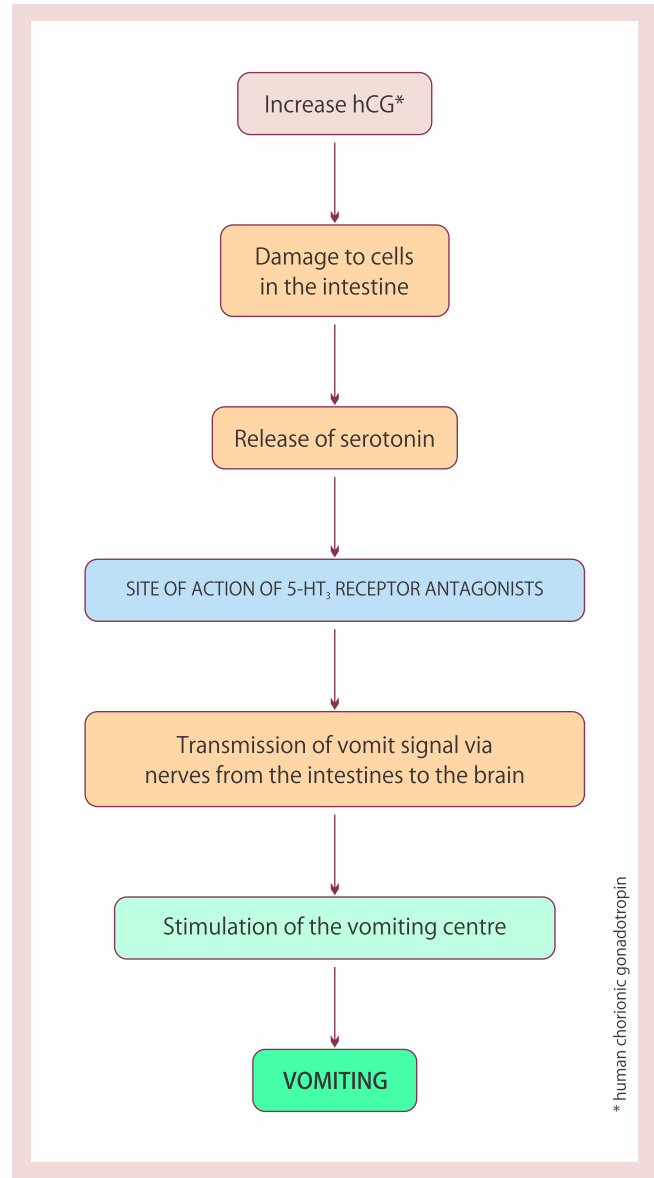
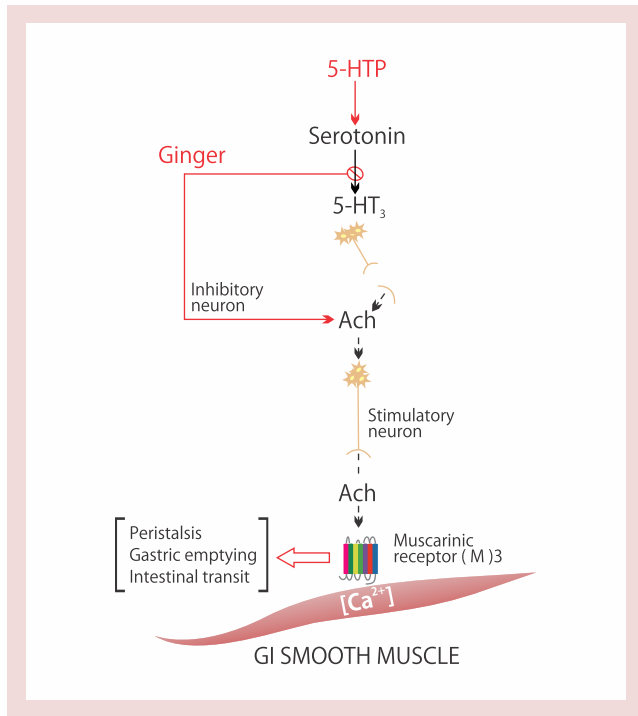


feel WOW when  
Egg-Specting





## TheBune's Pharmacology



# TheBune

A unique bilayered Tablet containing Ginger Rhizome Powder - 500 mg  
and Vitamin B<sub>6</sub> ( Pyridoxine ) - 12.5 mg

From the time the mother starts conceiving the baby, she elicits describable and undifferentiated changes in the physical and physiological process of life. Up to 90% of pregnant women will experience Nausea and Vomiting of Pregnancy ( NVP ) of varying severity, with symptoms generally starting around 4-9 weeks of gestation, peaking around the 7<sup>th</sup> to 12<sup>th</sup> week and subsiding by the 16<sup>th</sup> week. Although this symptom gets spontaneously recovered with the time passing, it can place a great stress on the pregnant woman and those around her. This symptom can even lead to depression. In addition to maternal consequences, negative impact of NVP on the fetus has also been documented. The most common adverse fetal outcome with severe vomiting is low birth weight and preterm birth. Considering the drawbacks of NVP, it is imperative for the health care providers to intervene at the onset with the appropriate treatment to reduce symptoms and subsequent suffering.

## TheBune - A Boon for Morning Sickness

**THEBUNE** is specially formulated with natural Ginger and Vitamin B<sub>6</sub> to provide help up to 12 hours, with sustained relief from nausea and vomiting during pregnancy.

Natural ginger from **THEBUNE** acts peripherally, within the gastrointestinal tract, by increasing the gastric tone and motility due to anticholinergic and antiserotonergic actions. It is also reported to increase gastric emptying. It also antagonizes activation of Muscarinic ( M )<sub>3</sub> and 5-HT<sub>3</sub> receptors, thereby inhibiting afferent inputs to the central nervous system that are stimulated by specific neurotransmitters, such as serotonin, released from the gastrointestinal tract.

**THEBUNE** also contains the water soluble vitamin; Pyridoxine ( vitamin B<sub>6</sub> ). It serves as a co factor in GABA synthesis and GABA acting as the inhibitory neurotransmitter at chemoreceptor trigger zone ( CTZ ), which suppresses vomiting.

## Clinical Evidence

Double-blind randomized controlled trial | Duration : 4 days

Ginger Group : n = 35 ( 1 g/day ) | Vitamin B<sub>6</sub> Group : n = 35 ( 40 mg/day, 2 Capsule daily )

Subjects graded the severity of their nausea using a visual analogue scale and recorded the number of vomiting episodes in the 24 hours before treatment and during 4 consecutive days while taking treatment.

### Change in nausea scores by treatment groups -

Type of treatment	From Day 0 to Day 1	From Day 0 to Day 2	From Day 0 to Day 3	From Day 0 to Day 4	From Day 0 to Day 1 - 4
Ginger	1.2 ± 1.6	1.6 ± 1.9	2.4 ± 2.2	3.3 ± 2.5	2.2 ± 1.9
Vitamin B <sub>6</sub>	0.6 ± 1.5	0.9 ± 1.8	1.1 ± 1.9	1.3 ± 2.2	0.9 ± 1.7
Intent-to-treat analyses					
Ginger	1.2 ± 1.6	1.6 ± 1.9	2.4 ± 2.2	3.3 ± 2.5	2.2 ± 1.9
Vitamin B <sub>6</sub>	0.7 ± 1.6	1.1 ± 2.1	1.3 ± 2.3	1.5 ± 2.6	1.4 ± 2.1

### Change in the number of vomiting episodes by treatment groups -

Type of treatment	From Day 0 to Day 1	From Day 0 to Day 2	From Day 0 to Day 3	From Day 0 to Day 4	From Day 0 to Day 1 - 4
Ginger	0.3 ± 0.8	0.5 ± 0.9	0.6 ± 0.8	0.8 ± 1.0	0.6 ± 0.7
Vitamin B <sub>6</sub>	0.4 ± 1.0	0.67 ± 1.1	0.5 ± 1.1	0.6 ± 1.1	0.5 ± 1.1
Intent-to-treat analyses					
Ginger	0.3 ± 0.8	0.5 ± 0.9	0.6 ± 0.8	0.8 ± 1.0	0.6 ± 0.7
Vitamin B <sub>6</sub>	0.5 ± 1.7	0.7 ± 1.4	0.6 ± 1.3	0.7 ± 1.3	0.6 ± 1.4

### Frequency of reported changes in symptoms by treatment groups -

Changes in symptoms	Ginger	Vitamin B <sub>6</sub>
Much worse	0	0
Worse	1 ( 2.9% )	0
Same	5 ( 14.3% )	11 ( 32.4% )
Better	14 ( 40% )	17 ( 50% )
Much better	15 ( 42.9% )	6 ( 17.6% )
n	35	34

### Conclusion :

Ginger is more effective than vitamin B<sub>6</sub> for relieving the severity of nausea and is equally effective for decreasing the number of vomiting episodes in early pregnancy.

# TheBune

A Boon for Morning Sickness

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## Description

A unique bilayered Tablet containing Ginger Rhizome Powder - 500 mg with Sustained Release as well as Immediate Release profiles and Vitamin B<sub>6</sub> (Pyridoxine) - 12.5 mg as Immediate Release.

## Indication

It has been specially formulated for pregnant women to help relieve the symptoms of morning sickness such as nausea and vomiting.

## Mechanism of Action

Natural ginger from **THEBUNE** reduces the frequency and severity of morning sickness and relieve symptoms such as nausea and vomiting by acting peripherally, within the gastrointestinal tract, by increasing the gastric tone and motility due to anticholinergic and antiserotonergic actions. It is also reported to increase gastric emptying.

Pyridoxine from **THEBUNE** serves as a co factor in GABA synthesis and GABA acting as the inhibitory neurotransmitter at chemoreceptor trigger zone (CTZ), which suppresses vomiting.

## Dosage

**THEBUNE** should be preferably taken on an empty stomach twice in a day or as suggested by a Health care Professional.

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**Frimline Pvt. Ltd.**

*A Subsidiary of La Renon Healthcare Pvt. Ltd.*

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