GI Breeding (from Mouth or Rectum). Lower Occus in Jejunum, ileum, colon rection of Ames 1) 919 1 upper Caused by 180, Haemormoids, Cancer, 30 09,00 from Despohagus to Underun (+stomach) while to winthous; (worthous) convergence sweet to show to so name · Less than 3 shots per week caused by Peptic Ulcer, Algunates / Antonoby know program principles

Algunates / Antonoby know program broth 40 spozes 9 Desophageal Varies + We already know carrer. Mucosal Protectants Form protective physical Barner over surface of the Ulcer shielding it from hash environment of stomach lumen. In Acid, Sucralfate polymerizes to form a sticky get that strongly wats vices. Bismuth Chelate forms a protective layer by having high affinity for the exposed mucosal glycoproteins and Necrotic tissue found in Ulcer I side years Both drugs need to be given on empty stomach atte Ceart
Proteins + not function effectively. Misopostol : A stable analysia of Prostaglando El Have protectue al Aubon Acts on Parish colo to reduce Chile Acid production. protective residention. gets: Ocarchoea, Abdominal Cramps Can induce Utenne so shouldn't be used in pregnange while of regular Arthre wow will all themose 2) Bemotic (Brothver - Lactural Coson couts (MgSO4), Mucagolo, But & out poo with emoter Retain mater in the Bowel by Osmobe effects thelps soften stocked 10012 3) Stimulary Lazadiver Sence Escacodyl. Stimulation HARD Plexus to Produce intertinal movements. Our aure intertinal Calends. LUMPS Protogged the con course interpred fromps damme Type 1 and 2 = constipation Type 5-7: Orannoea & Urgency would convert construct asserted housent (Swonistic faces to promote soiled evacuation, liquid paraythin can cause

no Physiology of Vorniting. - Forceful Expulsion of contents from Stomach & Intestine. (an act as dyenne mechanism to expel bad content/substances from Body e.g. Excess amount of Alcohol. To Vomit All Centres initiated to the act of vomiting comes from the Central Nenous System, particularly in the Brain Stem Vomiting Centre located in Medulla Oblongata'& has Predominantly Muscarinic type receptors.

VOMITING. CENTRE Initiates. requiates r controls act of Vomiting ...

So Activation of M receptors will Activate Vomiting centre to send signals to the muscles that carry out physical act of vorniting = EMETIC REFLUX

> Muscarinic Receptors

SO HOW IS THE VOMITING CENTRE STIM LATED?

Some in the Medulla.

2 main types of receptor Popamine 2 receptor S-HT receptor.

So is more permeable to circulating substances e.g. tosans, so these circulating toxuns can Activate receptors of CTZ. Activation of CTZ stimulates vomiting Centre which addivates Emetric Reflux

MOTION SICKNESS

Abnormally activates vestibulocochlear Nerve (incide unier ear) of labrinth, which connect the labrith to the vestibular Nuclei in Brain Stem

VESTIBULAR NUCLEI

Muscarinic receptor

Activation of these receptors by vestibulocochlear Nerve causes vestibular Nuclei to stimulate chemoreceptor Trigger Zone, which will stimulate the vomiting centre => EMETIC REFLUX

Histamine ype 1 receptor