

Ernæring og colitis (Nispen, J.Nat. 128, 2715, 1998)

Natural protective mechanisms that help to protect against luminal antigens

Mechanical

- Mucosal peristalsis
- Gastric acid secretion
- Pancreatic, intestinal and biliary secretions
- Mucous production
- Colonic flora
- Tight junctions between colonocytes

Immunologic

- Peyer's patches, lymphoid follicles
- Secretion of immunoglobulin A
- Intra-epithelial lymphocytes
- Lymphocytes in the lamina propria
- Immune tolerance
- Hepatic IRE system

Some of the beneficial effects of fermentable fiber on the health of the colon as observed in studies in humans, rats and dogs

- Protects against colonization of pathogenic bacteria
- Increases colonic mucosal mass
- Increases colonic mucosal blood flow
- Improved differentiation of colonocytes
- Protection against neoplasia
- Production of mucin, mucous secretion
- Reduces severity and chronicity of colitis
- Improved healing after injury

Mavesækkens anatomi i forskellige arter:

DISTRIBUTION OF GASTRIC EPITHELIUM

Legend:

- stratified sq. nonglandular
- cardiac
- proper gastric
- pyloric

Stomach symbol indikerer funktionelt ventrikel væv (HCL, pepsin - fonda)

Cardia region - ret kirtelret væv

Pylorus - hæmmet - Producerende, kontraktion

Foderets indflydelse på mavesår hos grise:

Keller Nielsen (1990)

Condition	Mel (%)	Foder (%)	Restr./v&d (%)	Ad lib./tar (%)
Mel/foder Restr./v&d	10	0	0	0
Mel/foder Ad lib./tar	10	10	0	0
Piller Restr./v&d	10	10	80	0
Piller Ad lib./tar	10	10	80	0

Piller - flere mavesår
 Ad lib. fodring - flere mavesår
 Forklaring: -Foderstruktur -Edecafferd