



Did you know?

...there may be a third type of microscopic colitis (MC)?

A third type of microscopic colitis may exist – Colitis Nucleomigrans

Collagenous Colitis
Deposition of subepithelial collagen fibres in the uppermost lamina propria mucosae¹

Lymphocytic Colitis
Marked increase of CD8+ intraepithelial lymphocytes¹

Chained migrated nuclei in the colorectal surface-lining epithelium, apoptotic nuclear debris below the nuclei, and mild/moderate chronically inflamed lamina propria^{1,2}

Epithelium

Epithelium with migrated nuclei and apoptotic debris

Apoptotic debris

Collagen fibres

Lymphocytes

Myofibroblasts

Smooth muscle cells

Colitis nucleomigrans can be divided into **MC-like type** (watery diarrhoea and normal endoscopic appearance) or **IBD-like type** (occult haematochesia and endoscopic mucosal reddening)¹

Aetiological factors for colitis nucleomigrans might include use of proton pump inhibitors or anti-cancer drugs and immune-related disorders¹

CD8+: Cytotoxic T cell; IBD: inflammatory bowel disease; M: mucosa; MC: microscopic colitis; MM: muscularis mucosae; MP: muscularis propria; SM: sub-mucosa; SLE: surface-lining epithelium

1. Tachibana M et al. Pathol Int 2020;70:752-760.

2. Tachibana M et al. Pathol Int 2020;70:761-766.

META-GAS-2400004

October 2024

FERRING and the FERRING PHARMACEUTICALS logo are trademarks of Ferring B.V.

©2021 Ferring B.V.