

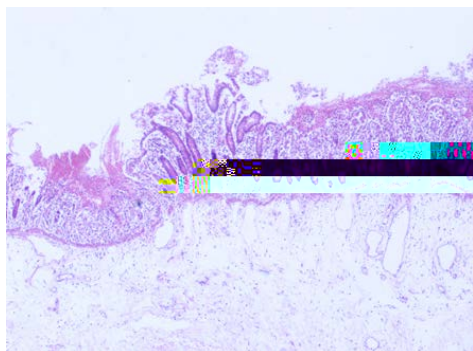
Keywords: SARS-C V-2; A c -2; Ga a ac

Introduction

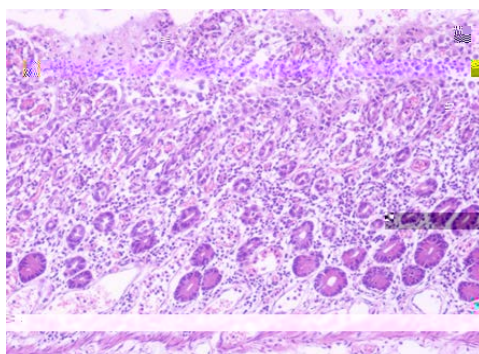
c a d a 2019 (COVID-19) a d c ca d b ac a d c a 2 (SARS-C V-2) a a d ad d d . I a c d a 100 d d a a d d a 2 d a . SARS-C V-2 a c a d d a c d a a ca a c a ac . c a , d c , a , adac , a d a a . SARS-C V-2 ca a a c a a ac (GIT), b c d c COVID-19 GIT a a a a a c c c a ac . a GIT c d d a a,abd a a , a a, TJ0.056 T 0 -1.2 Td[(a GIT)9 ()-5 (c)-6.9 ()-5 ()12 ()-3 ()12 ()-6 ()]TJ/T1 1 T 0.006 Tc 0.06 T [(M)44 (c)3 ()9 (ba)3 (c)

COVID-19 is understood, the exact pathological alterations following infection require further investigation. Here, we report our *Mycobacterium tuberculosis*

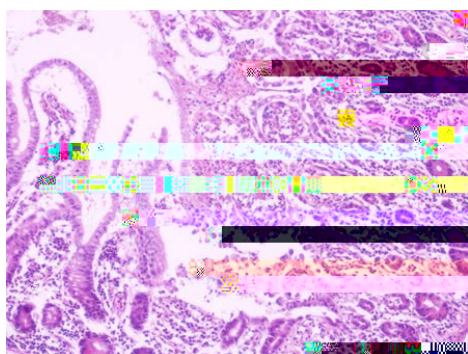
c c a b a (F 6). A b ab
 c d b c a . P d a , b c a ac a c
 ac a S - a a a c a a (F 7).
 P d c ac d Sc a d ac a c a a
 ca d c , c a c (F 8).
 F , c c d d ca a
 a a a a . I add , da ab c a a d
 d a a d d c a d
 a c (F 9).



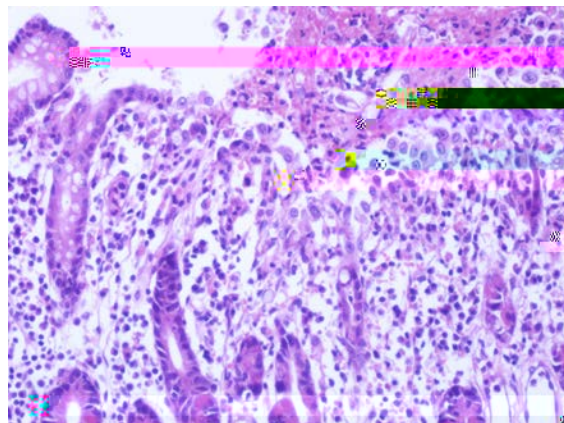
Micrograph showing purulent exudate, loss of villous architecture, and crypt elongation. An intervening uninvolved mucosa at the center of the image is noted (hematoxylin-eosin, original magnification 100x).



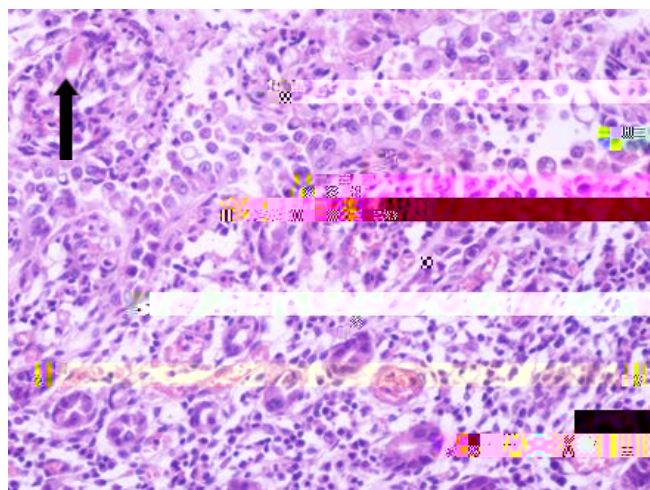
Micrograph showing marked villous blunting, denuded surface epithelium, expansion of lamina propria, and crypt elongation (hematoxylin-eosin, original magnification 100x).



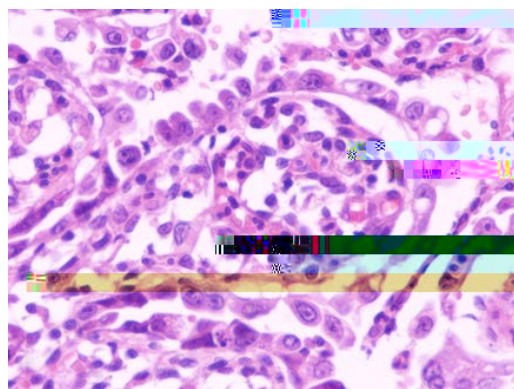
Micrograph showing infected enterocytes exhibiting cuboidal to rounded appearance, loss of microvilli, reactive-type nuclear atypia, and loss of polarity (hematoxylin-eosin, original magnification 400x).



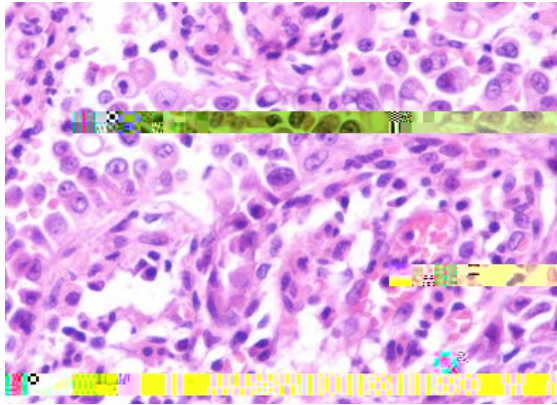
Micrograph showing obvious detachment and "hobnailing" of enterocytes with loss of goblet cells (hematoxylin-eosin, original magnification 400x).

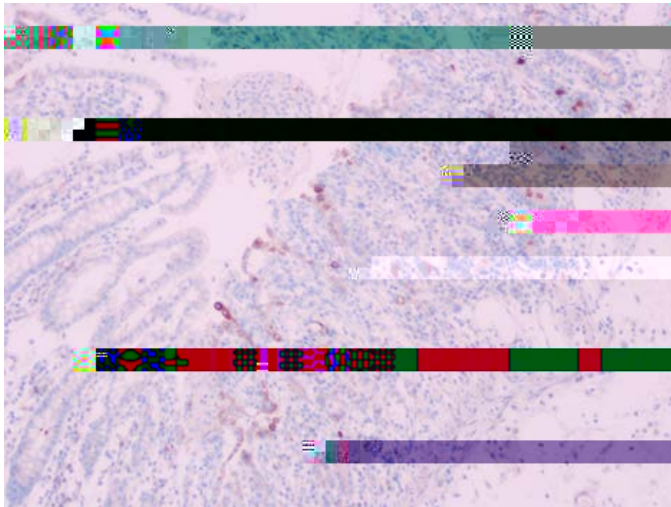


Micrograph showing cuboidal enterocytes with denudation/detachment, blunting and widening (hematoxylin-eosin, original magnification 400x).



Micrograph showing infected enterocytes exhibiting cuboidal to rounded appearance, loss of microvilli, reactive-type nuclear atypia, and loss of polarity (hematoxylin-eosin, original magnification 400x).





CD10	linear brush-border staining pattern of enterocytes	Diminished to complete loss (Figure 10)
Ep-CAM	Basolateral staining of enterocytes	Diminished to complete loss (Figure 11)
E-cadherin	Öi ~•^Ä { ^ { à!æ} [~•Ä•cæä} ä} *Ä [-Ä^}c^! [& ^c^•	Diminished to complete loss (Figure 12)
EMA	Limited staining of the luminal surface of the crypts	Aberrant cytoplasmic expression in a subset of infected cells (Figure 13)
Ki-67 labeling index	Limited staining in the base of crypts	Extended upward staining to the surface of villi (Figure 14)

Table 1: I c ca a a a .

Med 42:1771-1785.

11. L Q, Wa RS, Q GQ, Wa YY, L P, a . (2020) G a a a COVID-19 d a a . Fa Y X Za Z 36:21-23.
12. X a F, Ta M, Z X, L Y, L X, a . (2020) E d c