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**DEPARTMENT:** ANATOMY

**COURSE CODE:** ANA 204

**Explain the histological basis of upper respiratory system (conducting portion of the respiratory system) attacked by corona virus.**

These are some features that take place in the upper respiratory tract when attacked by corona virus:

* extensive edema
* hyaline membrane formation,
* collapse of alveoli,
* desquamation of alveolar epithelial cells,
* fibrous tissue in alveolar spaces.
* loss of cilia of bronchiolar epithelial cells;
* hemophagocytosis in mononuclear cells residing in pulmonary tissue;
* apoptosis in epithelial cells, monocytes/macrophages, lymphocytes, and pneumocytes.

