

## [A QUICK SUMMARY]

[pathology, 1st lec]



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## ATROPHY

• NO OXYGEN ----> CELL INJURY



deficiency leads to squamous metaplasia of

METAPLASIA

## CAUSES OF CELL INJURY

- PHYSICAL AGENTS (EG: TRAUMA & SHOCKS)
- OXYGEN DEPRIVATION (HYPOXIA VS ISCHEMIA)

The main mechanism of ischemia in causing cell injury is the lack of blood supply (because of the occlusion of an artery) which leads to lack of oxygen supply.

PULMONARY DISEASES can also cause lack of oxygen, such as

- obstructive pulmonary diseases.