

Hvesenya M. V.
WEDGE-SHAPED DEFECT
Scientific supervisor: senior teacher Mitereva G. V.
Department of Foreign Languages
Belarusian State Medical University, Minsk

A wedge-shaped defect attacks the enamel in the neck region of the tooth. This pathology is accompanied by wedge shape destruction of hard tissues. The reasons of it have not been discovered exactly yet. The scientists try to find the answer to this difficult problem. They offer different theories in this field.

The theory of mechanical injury suggests this pathology to appear due to different injures of the neck of the tooth during tooth brushing. These injures are supposed to be caused with a brush. But nowadays the scientists consider this theory to be false, because some people, cleaning their teeth with a brush do not have wedge-shaped defects. One more theory is the theory of chemical impact. The scientists suggest this pathology to appear because of demineralization after acid impact. But this theory has not been confirmed yet. Currently, the scientists found out this defect to be connected with the problems of the endocrine system, central nervous system and gastrointestinal tract. And there are a lot of other different speculations about this defect.

All these theories prove that the ways of occurrence of this pathology are not discovered completely. Scientists try to find out the main reasons of this pathology.

This disease can contribute to other dental diseases and result in a loss of a tooth. It's very hard and even impossible to find out this defect without special instruments at the early stage. While treatment of any disease is known to be easier at the first stage, this defect is not an exception. As it is hard to diagnose this disease at the early stage it is also important to know everything about the origin and factors causing its development.