

# Precancers in dermatology

- in a broader sense, they are chronic manifestations of various origins, long-term irritation stimulates the tissue to proliferate (chronic ulcers, lupus vulgaris, scars, etc.)
- in and around these processes, there are warty exuberant granulations - mimicking a tumor - **pseudoepitheliomatous hyperplasia**" *or paratypic proliferation*
- in the narrower sense of the word – separate clinical units, from which a tumor develops more often if it lasts long enough...

File:Oral Leukoplakia.jpg  
Leukoplakia on buccal mucosa

## Keratoma senile

= keratosis solaris, keratosis actinica

- in old people in places exposed to the sun and external influences, manifestations usually like **degeneratio cutis senilis'**
- epidermal dysplasia
- sharply defined focus of gray to red color, rough surface, covered with hyperkeratotic scales, later becomes moist, then bleeds and ulcerates
- turns into cancer (mainly squamous cell)

## Cornu cutaneum

- does not differ from keratome, a horn-shaped formation grows on the surface, even several cm, the base can change into a spinocel carcinoma

## Leukoplakia

- typical precancer of mucous membranes, whitish, opalescent, sharply demarcated deposits
- later the bearing can be:
  - elevated - *leukoplakia simplex*,
  - with a thickened to verrucous surface - *leukoplakia verrucosa*,
  - can erode - *leukoplakia erosiva*.
- effects of formation - smoking, mechanical irritation, chemical effects,...
- must distinguish lichen ruber!=== Lentigo maligna ===
- irregular brown to black deposit, irregular pigmentation
- slowly expanding into an area
- mainly face, men around 60 years old
- the result of long-term exposure to UV radiation
- proliferation of atypical melanocytes in the epidermis
- risk of transition to malignant melanoma - **lentigo maligna melanoma**



Cornu cutaneum

## Links

## Source

- BENEŠ, George. *Study Materials* [online]. ©2007. [cit. 2011-01-12]. <<http://jirben2.chytrak.cz/>>.
- STORK, George. *Dermatovenereology*. 2. edition. Galen, 2013. 502 pp. ISBN 978-80-7262-898-8.