

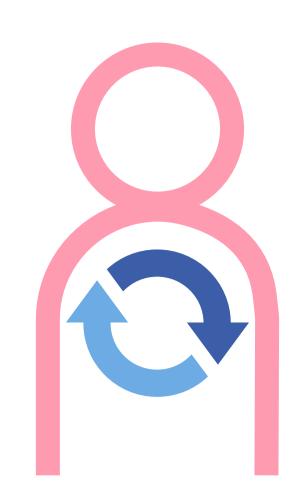
### People with periodontitis are likely to develop diabetes mellitus - and vice versa

### **Diabetes mellitus**

**Diabetes mellitus** is defined by **hyperglycaemia** and has two major forms.

Type I diabetes mellitus results from a lack of insulin because of an autoimmune reaction in the pancreas, whereas type 2 diabetes mellitus occurs as a consequence of insulin resistance associated with chronically high blood-sugar levels.

Patients with diabetes mellitus show a high prevalence of periodontitis.



### **Periodontitis**

**Periodontitis** is a common chronic inflammatory disease in humans, and it is defined by the damage of tooth-supporting structures caused by inflammation eventually leading to tooth loss.

Periodontitis is initiated by the pathogenic dental-plaque biofilm above and below the gum margin.

> Patients with periodontitis are more likely to develop type 2 diabetes mellitus.

### Periodontitis and diabetes mellitus are both widespread conditions among the world's population



Approx. 415 million people

Prevalence: constantly rising



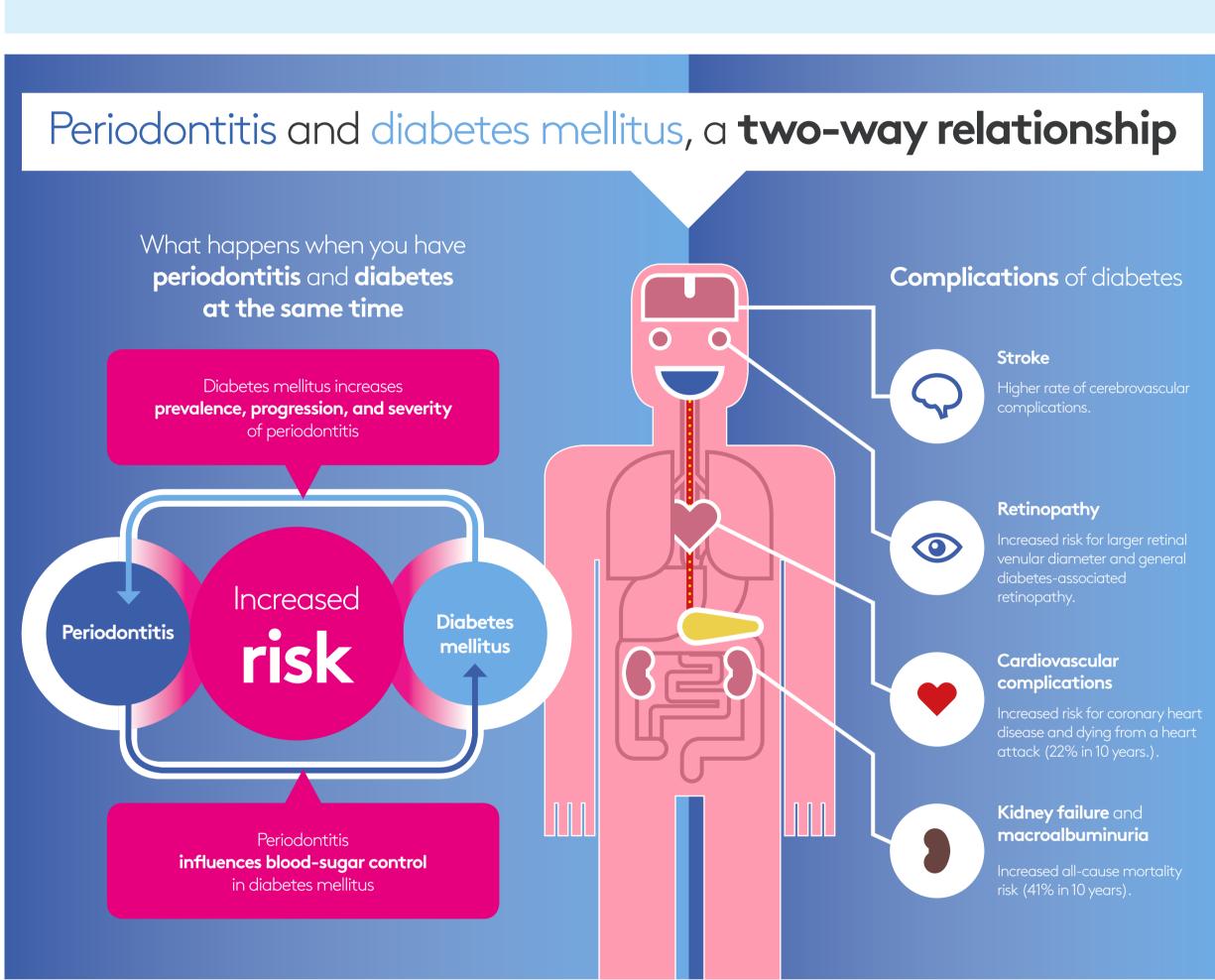


## **Periodontitis**

Western countries, more than 50% of the population



**Prevalence:** 750 million people around the world with severe forms



# Periodontitis & diabetes mellitus general facts



There is a **bidirectional (two-way)** 

whose prevalence increases with age.

chronic non-communicable diseases,

Diabetes and periodontitis are

diabetes.

relationship between periodontitis and



causes tooth loss.

If untreated, periodontitis



high-quality supportive treatment, clinical results can be maintained.

Periodontitis **is easily diagnosed** and

clinically controlled. With regular



periodontal inflammation/destruction/ breakdown.

People with sub-optimally controlled diabetes

(both type 1 and 2) suffer from increased



or developing type 2 diabetes.

have an elevated risk of pre-diabetes

People with periodontitis



complications (affecting eyes and kidneys) and **even death** than people with diabetes alone.

Periodontal treatment in people with diabetes

results in a significant reduction in glycated haemoglobin (HbA1c) levels three months after

People with both diabetes and periodontitis have

a greater likelihood of more severe medical



available also for six months. Early diagnosis, prevention and co-management (dentists and physicians)

of both diabetes and periodontitis is of utmost

Successful periodontal treatment has a

importance.

periodontal therapy, with emerging evidence



clinically significant effect on general health and should have a place in the treatment of people with diabetes.

## Take care of your gums, control diabetes.





visit your dentist











of Periodontology





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