



## Suzanne Caudry, PhD, DDS, MSc [Perio] and the Caudry Education Centre



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### Peri-Implantitis: Risk Factors, Diagnosis and Treatment

Peri-implantitis is an inflammatory process that involves progressive bone loss and suppuration affecting the soft tissue and bone surrounding an implant. It is associated with a bacterial infection that, unless treated, leads to the eventual loss of the implant.

#### What Causes Peri-implantitis?

Peri-implantitis is a result of a variety of patient and treatment conditions that collectively lead to bacterial colonization. These include those associated with the patient's presenting medical condition, the implant itself, the restoration and the maintenance of good oral health.

#### How is Peri-implantitis Diagnosed?

**Patient Symptoms** may include pain, mobility of the implant and a bad taste. It is important to note that in most cases there may be no symptoms noticed by the patient.

**Signs observed by the dentist or hygienist** include suppuration and profuse bleeding around the implant, progressive bone loss and increasing probing depths (see images A & B).

#### How is Peri-implantitis Treated?

Non-surgical therapy is not supported by the literature.

Surgical treatment:

- Open flap debridement to gain access, disinfect, and re-prepare the exposed surface of the implant.
- Open flap debridement and disinfection with bone regeneration (see images C, D & E).

NB: Laser therapy has been proposed for both surgical and non-surgical therapies, however, there is no scientific evidence for its efficacy above traditional treatment

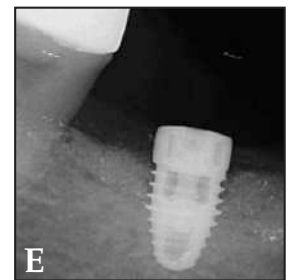
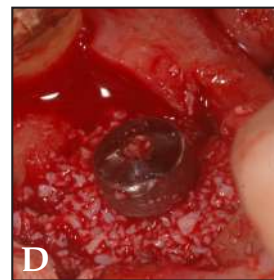
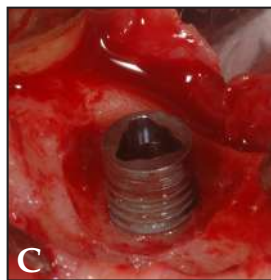
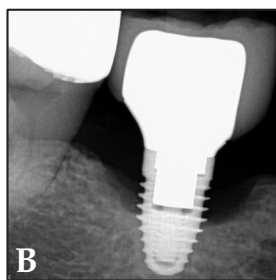
#### Major Risk Factors of Peri-implantitis

##### Patient Factors:

- Poorly controlled diabetes
- Smoking
- Untreated Periodontics
- Poor oral hygiene, and non-compliance with a maintenance program

##### Implant/Prosthesis Factors:

- Uncleansable prosthesis
- Excess cement
- Loose/ill-fitting or broken components



## FEATURED SPEAKER AT THE WORLD SUMMIT TOUR IN SAN DIEGO, CA.



This past May, Dr. Caudry was invited to speak at Dentsply Sirona's World Summit Tour in San Diego, CA.

The topic of discussion followed a similar theme of previous Study Clubs, newsletters and her presentation at the AAP last year:  
*Peri-Implantitis - Identify and Rectify.*

## UPCOMING SPEAKING ENGAGEMENT: OSTEOGENICS IN SCOTSDALE, AZ



Dr. Caudry is thrilled to announce that she has been invited to speak at the Osteogenics Symposium in April of 2018 in Scottsdale, AZ.

She is honoured to be featured as one of the speakers alongside ten world renowned Doctors, including Dr. Thomas Wilson Jr., who was the first to write on the relationship between excess cement and Peri-Implantitis. This paper was the foundation of Dr. Caudry's technique to avoid cement overflow (Newsletter Volume 16).



## The Caudry Education Centre 2018

**Study Club - Thursday, March 8<sup>th</sup>, 2018 (6:00 - 9:30 pm)**

**Restorative Workshop - Thursday, May 10<sup>th</sup>, 2018 (6:00 - 9:30 pm)**

**Study Club - Thursday, September 6<sup>th</sup>, 2018 (6:00 - 9:30 pm)**

*Dinner, CE points: restricted to actively referring dentists, pre-registration required.*

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