



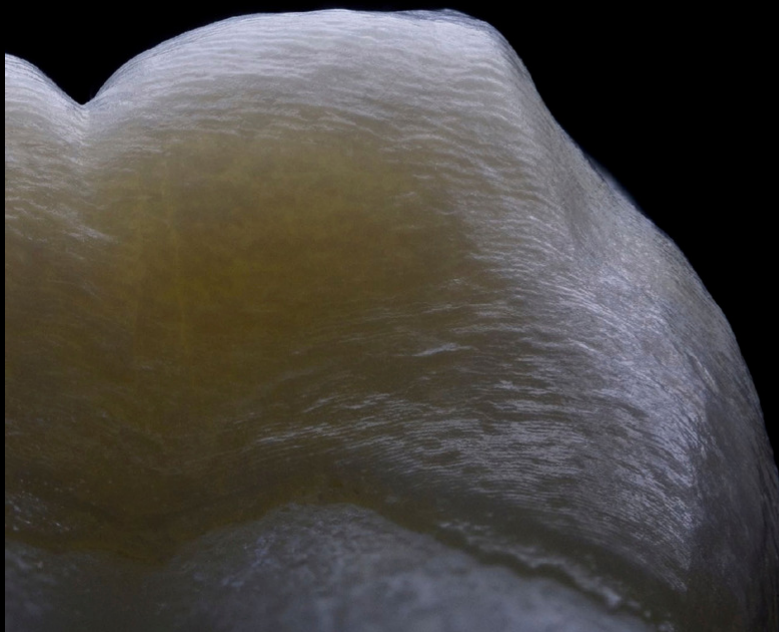
# FROM MACRO TO MICRO

2 Days Dental Photography Hands-on Course

Advantages:

- Smaller group, limited to 12 participants
- Ample time and greater opportunity to learn different camera settings and technique

*Carlos Ayala*



**Carlos A. Ayala Paz**

Dental Surgeon

COP: 13699

Specialist in Orthodontics

Certified RNE COP: 398

June, 08 1977

Peruvian

Gamarra 372, Trujillo – Perú

Phone: +51 951 329 496

carlos\_ayala\_paz@hotmail.com

Venue:

Aesthetics and Digital Dentistry Academy

541 Orchard Road #07-02 Liat Towers

Singapore 238881

When:

2-3 December 2017

Registration fee: SGD 1,500 (limited to 12 participants only)



Dental surgeon (1)  
 Orthodontist (3) and Master in Stomatology with mention in Orthodontics at the Peruvian University Cayetano Heredia (3)  
 ALADO award winner in 2003 (Latin American Orthodontic Association).  
 Creator of From Macro to Micro photo\_course for comprehensive management of photography and dental macro-photography since 2013  
 Author of 'The Workbook' (2016) Sao Paulo, Brazil: Quintessence Editorial.



**Academic Training:**

1. San Martín de Porres University  
 Faculty of Dentistry: 1994-2000
2. Cayetano Heredia University  
 Specialization in Orthodontics: 2002 - 2005
3. Cayetano Heredia University  
 Master in Stomatology with mention in Orthodontics : 2010 – 2012



## Part I:

### Standardizing Concepts

- Understanding dental macro\_photography:  
Ideal management for dental macro photography.
- Presentation of photographic equipment:  
Cameras, lenses, flashes and accessories.
  - Compatibility, cost and benefit.
  - Adaptations for more macro.



**Part II:**  
**Portrait and macro-photography for smile**  
**with SLR cameras and smartphones**

- Lighting and technique with continuous light and flashes.
- Management of light modifiers.
- Capture lips in artistic mode.





**Part III:**  
**Dental Macro-photography with smartphones  
and SLR cameras**

- Management of macro-flashes and light modifiers.
- Shade communication between clinic and laboratory.
  - Capture of the microtexture and optical effects.
- Dental photography from life-size 1: 1 (1x) to 3:1 (3x).



## **Part IV.**

### **Photography for the laboratory:**

**Setup for SLR cameras and smartphones**

**Micro-photography with focus-stacking**

**Cross polarization**

**Digital image management**

- Macro-photography in the dental laboratory: capture of ceramic and metal small elements.
- Birefringence of enamel: Light and filters



**Duration of the course**

Sixteen hours spread over two days.

**Equipment requirements \*:**

SLR digital camera with blank card

Lip separators

Photographic mirrors - rhodium plated

Black contrasters.

Tripod.

External flashes: Ring, speedlight or twin.

The course provides 3 high-power external flash units.

***\* The requirements are not exclusive, participants who do not have camera or equipment***

***They are free to take the course to know the monetary value and utility, so they can choose the equipment that meets your technical needs.***