

TIMETABLE

Day 1

AM: Lecture ①

Basic understanding for operating a dental microscope

- Historical background
- Details and functions of a dental microscope for clinical use
- Dental chair unit incorporating a microscope
- Magnification – potential of a clinical microscope
- Devices and instruments used in micro-endodontics
- Tips for operating a dental microscope

AM: Practical Trainings ①

Getting started using a microscope

- Adjustments
- Positioning
- Basic motions

Lunch

PM: Lecture ②

Principles of root preparation using a dental microscope

- Clinical procedures from access cavity preparation to enlargement of an orifice of a root canal

PM: Practical Trainings ②

Endodontic treatments of incisors and premolars.

- Preparation of an access cavity
- Identifying a root canal orifice
- Enlargement of a root canal orifice
- Shaping a root canal with NiTi files
- Endodontic irrigation using an ultrasonic device
- Observation of an apex

Feedback and discussion

Day 2

AM: Lecture ③

Best use of a dental microscope in treating molars with complicated configurations

AM: Practical Trainings ③

Endodontic treatments of upper molars.

- Preparation of an access cavity
- Identifying a root canal orifice
- Shaping a root canal with NiTi files
- Enlargement of a root canal orifice using an ultrasonic device
- Endodontic irrigation
- Observation of an apex

Lunch

PM: Practical Trainings ④

Endodontic treatments of lower molars.

Preparation of an access cavity

Identifying a root canal orifice

Shaping a root canal with NiTi files

Enlargement of a root canal orifice using an ultrasonic device

Endodontic irrigation

Observation of an apex

Feedback and discussion

Day 3

AM: Lecture ④

How best to tackle complicated cases: removing fractured instruments, repairing perforations, preparation of a C-shaped root canal, etc

AM: Practical Trainings ⑤

Tackling complicated cases

removing fractured instruments

repairing perforations

preparation of a C-shaped root canal

Lunch

PM: Lecture ⑤

Endodontic micro surgery

PM: Practical Trainings ⑥

Endodontic micro surgery: Apicoectomy of upper central incisors using a dental microscope

Feedback and discussion

Day 4

AM: Join the Clinic of Conservative Dentistry

Observing endodontic cases using a dental microscope in the clinic

Discussion on endodontic clinical cases presented by applicants

11:30~12:00 **Closing Ceremony**