

## **TIMETABLE    SUB-COURSE SCHEDULE**

### 1) MRI Magnetic resonance imaging

#### Day-1

AM: Briefing, Visiting tour to Dental Hospital

Lunch

PM: Lecture on principle of MRI imaging

#### Day-2

AM: MRI scanning of phantom

Lunch

PM: Experience of MRI examination

#### Day-3

AM: Observation of outpatient clinic in MRI

Lunch

PM: Image interpretation of MRI image

#### Day-4

AM: Image interpretation of MRI image

Lunch

PM: Functional MRI

## 2) MDCT Multi-detector computed tomography

### Day-1

AM: Briefing, Visiting tour to Dental Hospital

Lunch

PM: Lecture on principle of MDCT imaging

### Day-2

AM: MDCT scanning of phantom

Lunch

PM: Experience of MDCT examination, as requested

### Day-3

AM: Observation of outpatient clinic in MDCT

Lunch

PM: Image interpretation of MDCT image

### Day-4

AM: Image interpretation of MDCT image

Lunch

PM: CT Angiography

### 3) CBCT Cone-beam computed tomography

#### Day-1

AM: Briefing, Visiting tour to Dental Hospital

Lunch

PM: Lecture on principle of CBCT imaging

#### Day-2

AM: CBCT scanning of phantom

Lunch

PM: Experience of CBCT examination, as requested

#### Day-3

AM: Observation of outpatient clinic in CBCT

Lunch

PM: Image interpretation of CBCT image

#### Day-4

AM: Image interpretation of CBCT image

Lunch

PM: Implant CBCT, TMJ CBCT, Measurement using CBCT

#### 4) US Ultrasound sonography

##### Day-1

AM: Briefing, Visiting tour to Dental Hospital

Lunch

PM: Lecture on principle of ultra sonography

##### Day-2

AM: US scanning of phantom

Lunch

PM: Experience of US examination

##### Day-3

AM: Observation of outpatient clinic in US

Lunch

PM: Image interpretation of US image

##### Day-4

AM: Image interpretation of US image

Lunch

PM: 3D and 4D ultra sonography

## 5) EBRT External beam radiation therapy

### Day-1

AM: Briefing, Visiting tour to Dental Hospital

Lunch

PM: Lecture on principle of radiation therapy

### Day-2

AM: Lecture on principle of external beam radiation therapy

Lunch

PM: Observation of outpatient clinic in EBRT

### Day-3

AM: 3D EBRT planning

Lunch

PM: Observation of outpatient clinic in EBRT

### Day-4

AM: IMRT & IGRT planning

Lunch

PM: Observation of outpatient clinic in EBRT

## 6) HDR-ISBT High dose rate interstitial brachytherapy

### Day-1

AM: Briefing, Visiting tour to Dental Hospital

Lunch

PM: Lecture on principle of radiation therapy

### Day-2

AM: Lecture on principle of interstitial brachytherapy

Lunch

PM: Observation of operation in theater

### Day-3

AM: 3D HDR-ISBT planning

Lunch

PM: Observation of irradiation

### Day-4

AM: Making spacer with lead

Lunch

PM: Observation of irradiation

## ANNEX

### 1) Questionnaire

Please check which subject(s) you would choose to study in the oral and maxillofacial radiology field.

#### Practical Apparatus

- Conventional Radiography
- Cone Beam Computed Tomography
- Multi-Detector Computed Tomography
- Ultrasound Sonography
- Digital Subtraction Angiography
- Magnetic Resonance Imaging
- External Beam Radiation Therapy
- Interstitial Brachytherapy

#### Disease

- Lesions related to teeth
- Cyst, benign tumor and tumorous lesion
- Malignant tumor
- Injury
- Anomalies, systemic disease and syndrome
- TMJ dysfunction

#### Research

- Basic experimental research on radiation biology
- Clinical research as the case report
- Clinical research on diagnostic imaging
- Clinical research on radiation therapy for oral cancer

If you have interest in other fields in the oral and maxillofacial radiology, please write them down in detail below.

### 2) County Report

Please explain the present situation of university-level dental schools in your country and the position within them of oral and maxillofacial radiology.