Patient Examination
& Infection Control

Steven R. Singer, DDS
srs2@columbia.edu
212.305.5674

My first day in Oral Radiology...

What not to bring
- Backpacks
- Coats
- Sweatshirts
- PDA’s
- Cellphones
- Binders
- Bookbags
- Laptops

Cellphones

Cellphone use is **expressly prohibited** in the Oral Radiology Clinic. Please switch them off before entering the Clinic.

Exceptions are made for people expecting extremely urgent calls.

Please switch your phone to silent or vibrate mode prior to entering the clinic if you are expecting an urgent call.

Bring only a pen and your unbridled enthusiasm...

...Take nothing but radiographs...
Food and Drink

- Food and beverages are **expressly prohibited** from the radiology clinic.
- If you must eat or drink during the session, please excuse yourself from the clinic and find an appropriate area.

Patient Examinations

- Clinic sessions begin promptly at 9:00 am and 1:00 pm.
- Charts are distributed at that time.
- Please review your patient's chart and set up a cubicle.

General Steps for a Radiographic Examination

- Set up the cubicle with appropriate barriers, instruments, and supplies.
- Greet and seat the patient.
- Review Chief Complaint and Medical History.
- Determine if recent radiographs exist.
- Examine your patient briefly.
General Steps for a Radiographic Examination

- Excuse yourself and return to the interpretation room to present your findings and recommendations for the examination
- Obtain films from the module window
- Expose the radiographs
- Process the film

General Steps for a Radiographic Examination

- Lay out the unmounted radiographs on the viewbox and determine which projections require repeat exposure
- Discuss with faculty and repeat indicated view
- Dismiss patient and clean and disinfect room

General Steps for a Radiographic Examination

- Mount films and review for errors and reasons
- Interpret your radiographs
- Review your work with faculty

Set-up

- Ensure that the room is free of debris from previous use
- Place appropriate barriers in their correct locations

Box 7-2 Key Steps in Radiographic Infection Control

- Apply Universal Precautions
- Wear Gloves During All Radiographic Procedures
- Disinfect and Cover X-Ray Machine, Working Surfaces, Chair, and Apron
- Sterilize Non-disposable Instruments
- Use Barrier-Protected Film (Sensor) or Disposable Container
- Prevent Contamination of Processing Equipment

From White and Pharoah 5th edition, Chapter 7

The Glove Rule

Green Gloves in Patient Rooms

Purple Gloves in the Processor
Where to find it

*Wear your nametag*

Where *not* to find it

Barriers

Get Supplies
Always use forceps to take supplies

Wrong!

Wrong!!

Wrong!!!

Wrong!!!!

Wrong!!!!!!

Set up your Instruments and Supplies
Turn on and set the Machine

Collimator

Present your findings in the Interpretation Room

Place the Lead Apron...

Place the Lead Apron...

Place the Lead Apron...
Place the Lead Apron...

Check the Thyroid Collar

Masks and Eyewear as indicated

Wash in front of your patient!

Handwashing then...

Handwashing now
Handwashing now

Hand sanitizers are acceptable when hands are not visibly soiled

Remove gloves to carry the cup to the Processing Area

Remove gloves to carry the cup to the Processing Area

Remove gloves to carry the cup to the Processing Area

Remove gloves to carry the cup to the Processing Area
After films are in the processor, clean out the daylight loader. Lead is placed in the canister for recycling. Paper and plastic waste is disposed of in the trash.

Pick up your forms.
Arrange your radiographs on the viewbox...

...and determine which views are to be repeated

Keep Pens and Pencils away from your Radiographs

Use Pointers

Disinfect contaminated surfaces

Disinfect contaminated surfaces

Mount your films

Unwanted Radiographs

“Technique Challenged”

Technique assessment and interpretation

Label the Film Mount

Charts and Competency Form
Don't forget the Care Slip!

Oops! I forgot the Care Slip.

Log in your Patient

It's on the window ledge!

Duplicate Set of Radiographs

Chart #
Patient's Name
Today's Date

Thanks to the Players

Come back soon!