An Introduction to Oral Pathology
For Clinical Dental Technicians

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Normality
Pathology

• any deviation from health or normality
Inflammation

- Rubour - redness
- Tumour - swelling
- Calour - heat
- Dolour – pain
- Loss of function
Infection

• Acute
• Chronic
Acute Infection

• Abscess Formation
16 year old boy, presents with a swelling inside the mouth
Differential diagnosis???
Aspiration biopsy
Opening up abscess cavity
Breaking up fibrin web
Rubber drain sutured to maintain drainage
1 year post op review
1 year post op radiograph, outline of apical lesion can still be seen
Aged 20, four years post-op
4 year post op review
4 year post op radiograph, normal bony architecture
Pre-op radiograph  4 year post-op radiograph
Therese, aged 38

Severe pain & swelling, RHS
Began 2 days ago
Rapidly getting worse
RCT in LR6 four years ago, in France

LR6 is extremely TTP
Radiograph lower right molars
Draining buccal abscess, lower right molar region
2 year post op radiograph, suboptimal obturation, but compatible with tissue healing
Chronic Infection
Ulceration

- A break in the continuity of an epithelium
Oral Pathology in Complete Dentures
Anatomical vs Pathology
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1. Inflammation – 5 Cardinal Signs
2. Infection – Acute/ Chronic
3. Ulceration
4. Neoplasia
   • Swelling
   • Ulceration
   • White patches
   • Red patches
5. Pain