Endodontic Recommended Reading List 2018

A. ความรู้วิทยาศาสตร์พื้นฐาน

1. Gross, microscopic และ ultrastructural anatomy of soft and hard tissue (tooth and surrounding)

2. Embryology, histology, bone biology

3. Microbiology

4. Oral infection & immunology

5. Oral medicine, Oral pathology

6. Inflammation & healing

7. ชีวสถิติ

8. ความรู้กฎหมายวิชาชีพ เจตคติ และจรรยาบรรณแห่งวิชาชีพทันตกรรม

B. วิทยาศาสตร์การแพทย์ที่เกี่ยวข้องกับสาขา

1. Embryology, histology, physiology of pulp and periapical tissue

2. Biology of dental pulp


3. Endo microbiology (related to caries & pulp-periapical tissue diseases)


4. Endo – Pharmacology

4.1 Analgesics


4.2 Antibiotics


4.3 Local anesthesia mechanism

4.4 Drug interaction

5. Inflammation & healing (Pulp-periapical tissue)

6. Pathophysiology related to Pulp, periapical and orofacial pain

7. Diff Dx and Treatment of odontogenic and non-odontogenic diseases

C. ความรู้เฉพาะทางวิทยาเอ็นโดดอนต์

1. Radiographic technique & interpretation


2. Diagnosis & Tx planning


3. Diff dx : Odontogenic vs Non odontogenic pain (Orofacial pain)

3.1 Non-odontogenic pain

4. Pain management (local anesthesia technique)

5. Vital pulp therapy


6. Endodontic emergencies


7. Conventional endo.

7.1 Anatomy, access


7.2 Cleaning & shaping


34. Lin CP, Chou HG, Kuo JC, Lan WH. The quality of ultrasonic root-end


7.3 Intracanal irrigation


7.4 Obturation


10. Gilhooly RM, Hayes SJ, Bryant ST, Dummer PM. Comparison of lateral condensation and thermomechanically compacted warm alpha-phase gutta-percha with a single cone for


8. Restoration of endodontically treated teeth


9. Non-vital bleaching


10. Traumatic injuries


14. Andreasen JO, Bakland LK, Andreasen FM. Traumatic intrusion of permanent teeth. Part 2. A clinical study of the effect of preinjury and injury factors, such as sex, age, stage of root development, tooth location, and extent of injury including number of intruded teeth on 140 intruded permanent teeth. Dent Traumatol. 2006; 22(2): 90-8.

15. Andreasen JO, Bakland LK, Andreasen FM. Traumatic intrusion of permanent teeth. Part 3. A clinical study of the effect of treatment variables such as treatment delay, method of
repositioning, type of splint, length of splinting and antibiotics on 140 teeth. Dent Traumatol. 2006; 22(2): 99-111.


11. Root resorption


12. Procedural errors: prevention & management


13. Success & failure


14. Retreatment


15. Endodontic surgery (Apicoectomy)


16. Management of medically compromised patient

17. Biomaterials related to endodontics

18. Dx & Tx of endo-perio involved teeth

18.1 Endo-Perio relationship


19. Endo related topics: Ortho, perio, prosth, pedo

20. Regenerative endodontics

