Endodontic Microsurgery Decision Making & Treatment Planning

Meetu Ralli Kohli, BDS, DMD



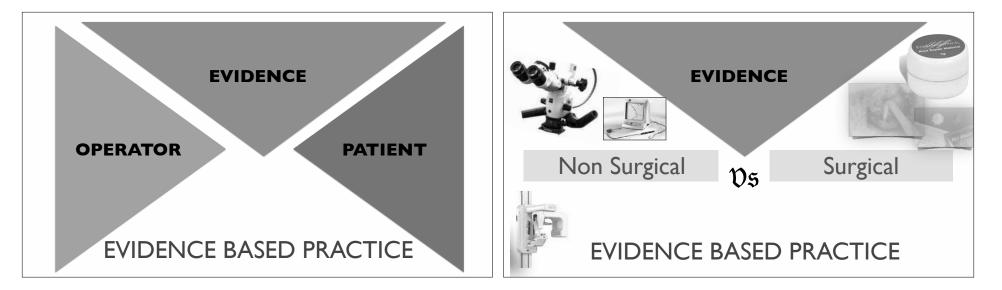
Diplomate American Board of Endodontics Clinical Associate Professor Director - Continuing Education & International Scholar program University of Pennsylvania

EVIDENCE BASED DENTISTRY



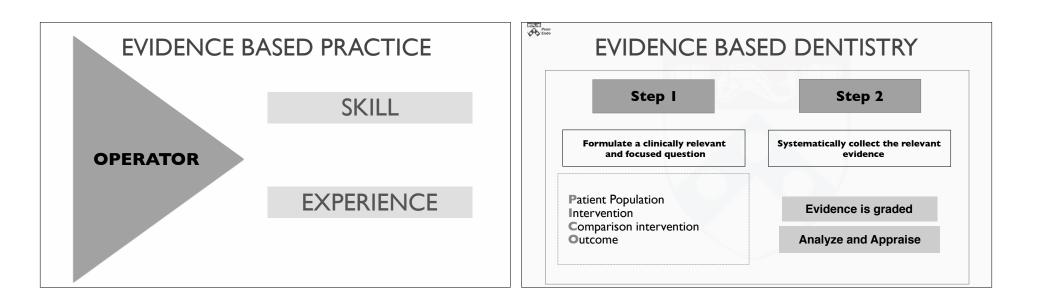
ADA Policy on Evidence-Based Dentistry

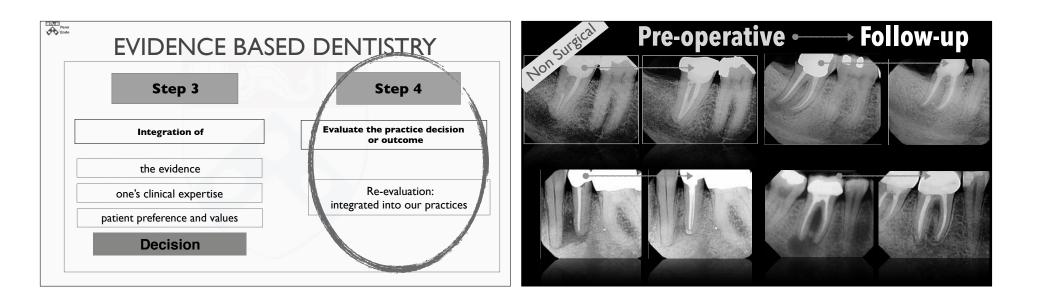
Evidence-based dentistry (EBD) is an approach to oral health care that requires the judicious integration of systematic assessments of clinically relevant scientific evidence, relating to the patient's oral and medical condition and history, with the dentist's clinical expertise and the patient's treatment needs and preferences.



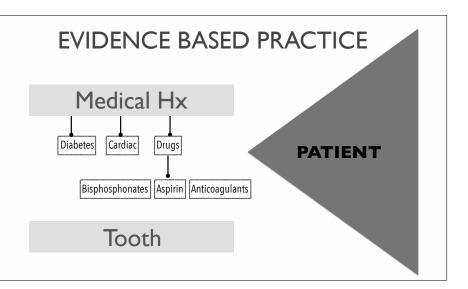
Penn

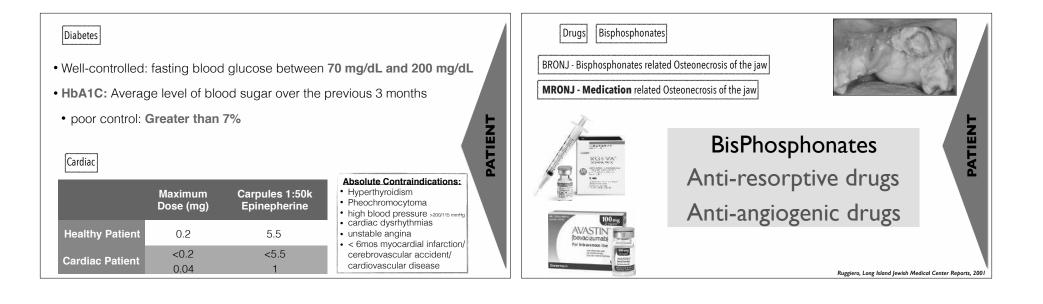


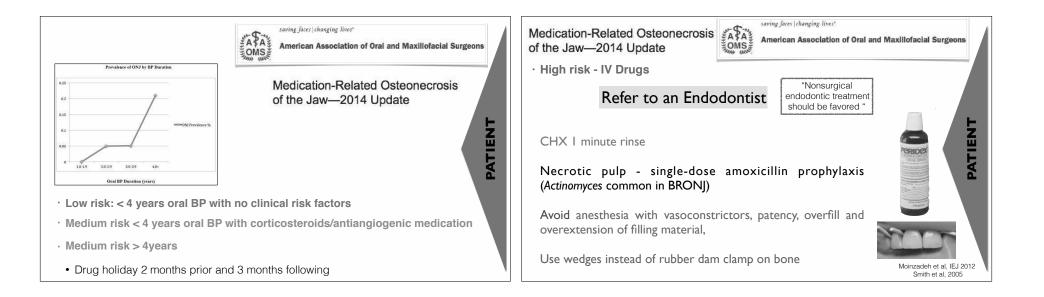






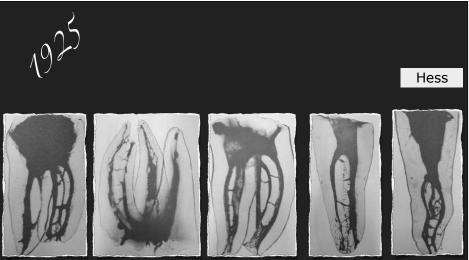






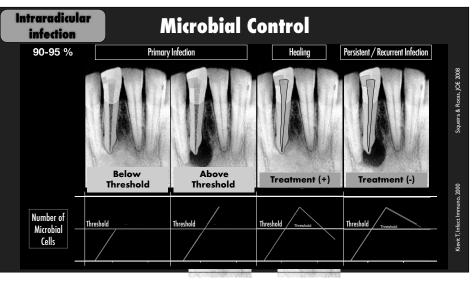
Drugs Aspirin Anticoagulants	EVIDENCE BASED PRACTICE
DOES LOW-DOSE ASPIRIN THERAPY COMPLICATE ORAL SURGICAL PROCEDURES?	
Aspirin - Anti platelet effect. Platelet life span is 10 days. 5 - 7 days cessation	
bostoperative remorninge in patients receiving low- dose aspirin therapy on a long-term basis"	Tooth PATIENT
Normal INR I	
Therapeutic INR with anticoagulants can be as high as 3.5	
Surgical INR 1.5 Heparine (6-12hrs) Warfarin (5 days)	

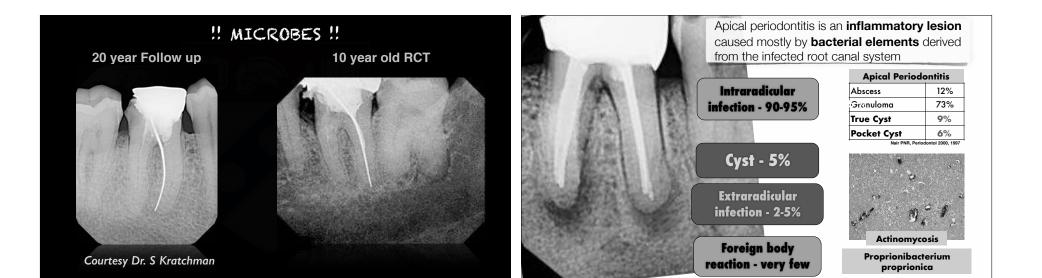
ognosis rapy	of initial e	endodontio	Suc	ces	s /	sur	viva 1005e
		Case observed	Follow up years	Healed	Healing	Functional	*asymptomatic,
	Grossman et al. 1964	98	1-5	62	25	86	lesion size unchanged
	Storms 1969	102	1	81		93	or reduced
	Adenubi & Rule 1976	271	0.5-7	82	8	90	
	Jokinen et al. 1978	2459	2-7	38	20	58	
	Barbakow et al. 1981	124	1-9	59	29	88	
	Bystrom et al. 1987	79	97% (1,	126,288 /	1,462,93	6) of the t	eeth were
	Eriksen et al. 1988	121				•	after initial
	Murphy et al. 1991	89		rgical root canal treatment.			
Friedman et al. 1995		113	(gicarioo	e carrar e		Rotstein 2004 J Endod
	Caliskan & Sen 1996	172	2-5	81	8	89	
	Orstavik 1996	126	4	75	13	88	
	Weiger et al. 2000	67	1-5	78	16	94	
	Abitbol 2001	72	4-6	74	4	96	
	Peters & Wesselink	38	1-4.5	76	21	97	to name a few
lontic Topics							Courtesy Dr. Stephanie Chen





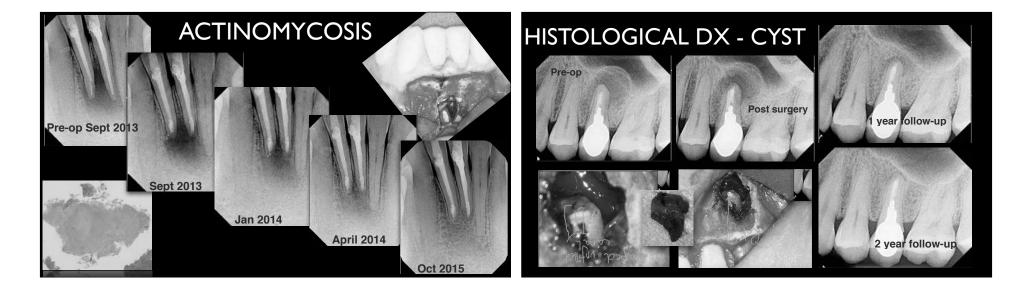
Takahashi & Kishi

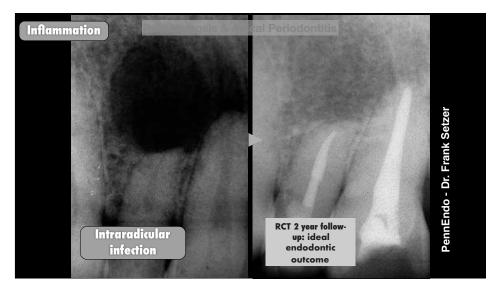






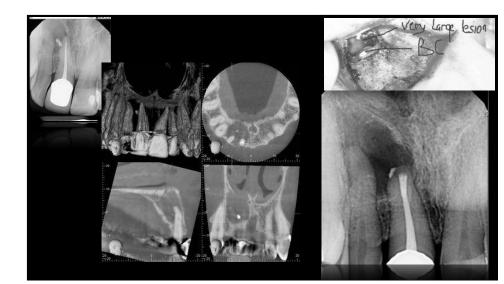






PERSISTENT APICAL PERIODONTITIS





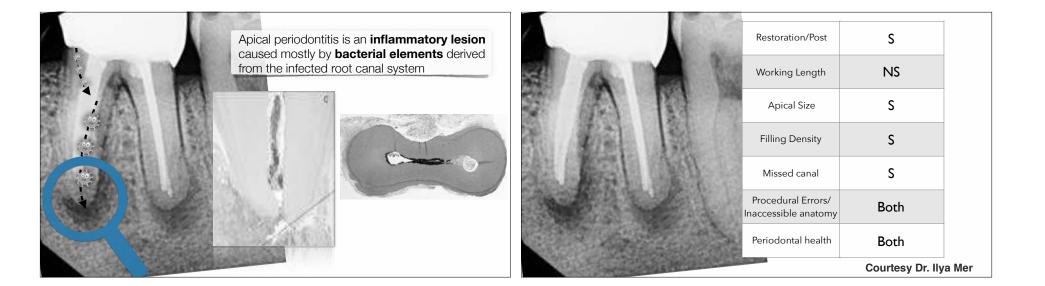
MICROSCOPIC DIAGNOSIS

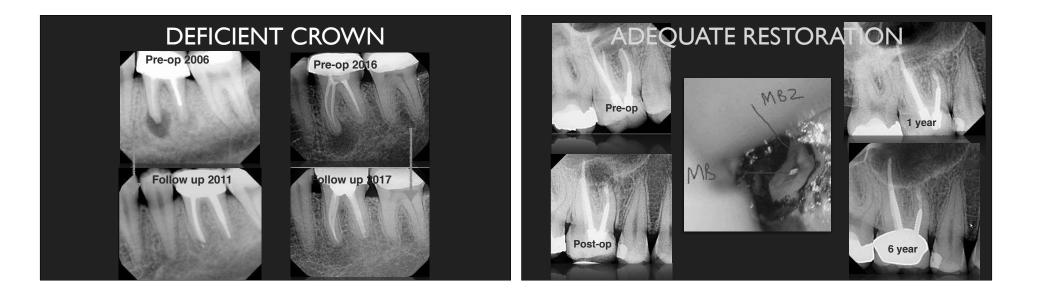
ARCHORVERY DESCRIPTION The specieum consists of fibrus and grazulation tissue containing a mixed inflammatory inflitzate composed predominantly of plasma onlis. meutrophile, and hymphorytes. No evidence of mailgrancy is even.

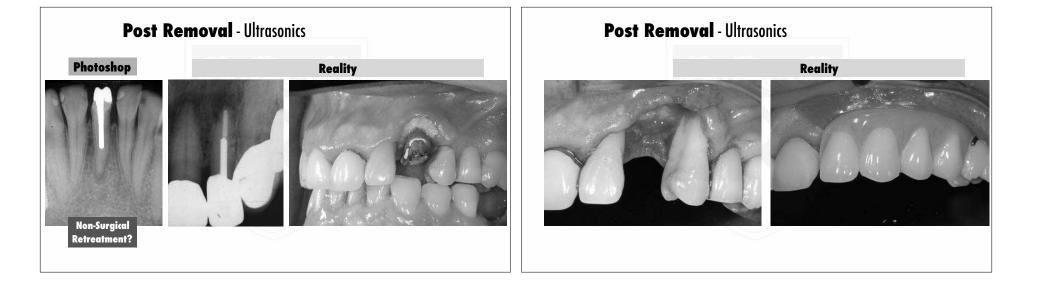
NICROSCOPIC DIAGNOSIS: JUNA, LOCATION BOT OTHERMICS SPECIFIED: GRANDLATION TIDITS CONSISTENT WITH PHRIAPICAL GRANDLOWA, SUBLUTIEL INFLAMED ICE-11 K14.5 00005

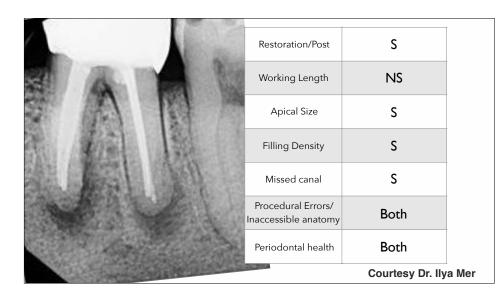




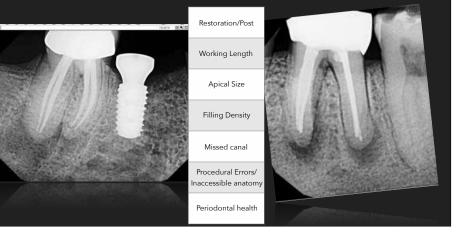




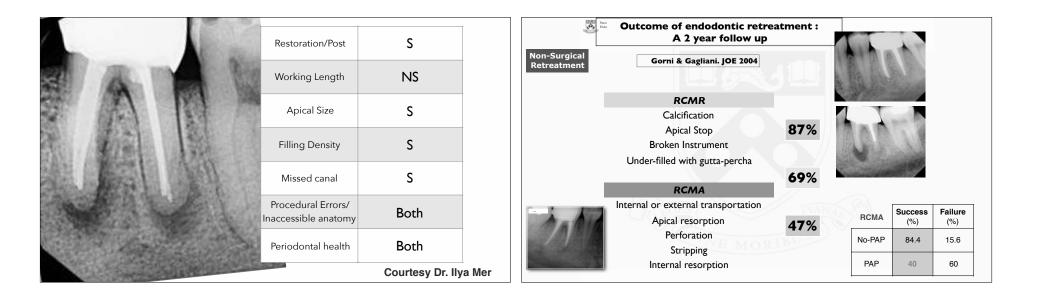


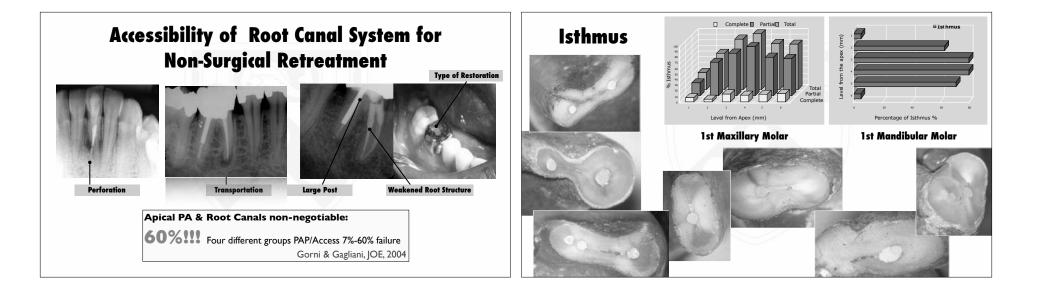


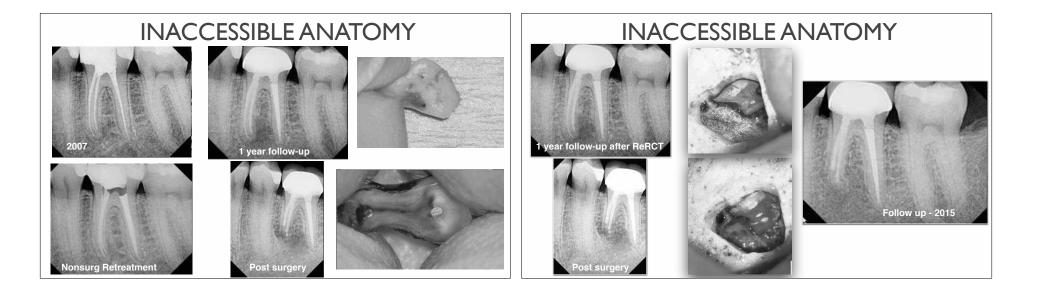
CASE EVALUATION

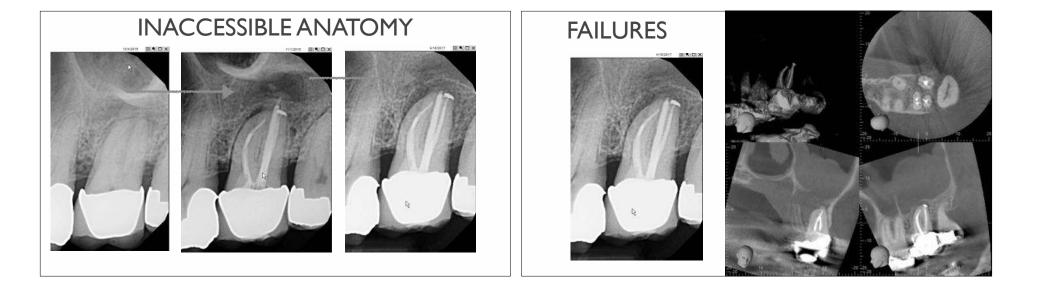


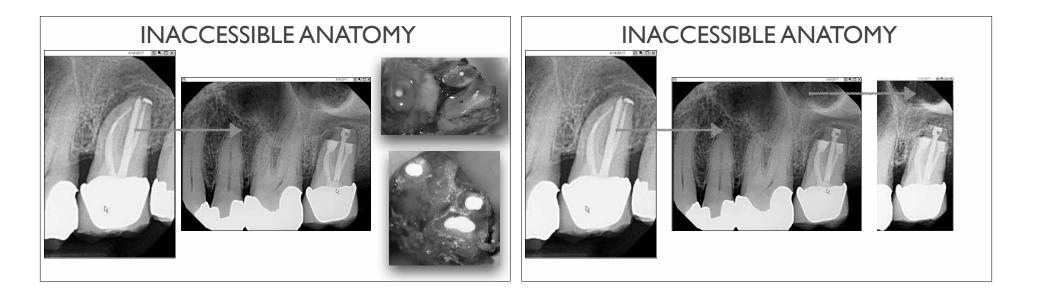


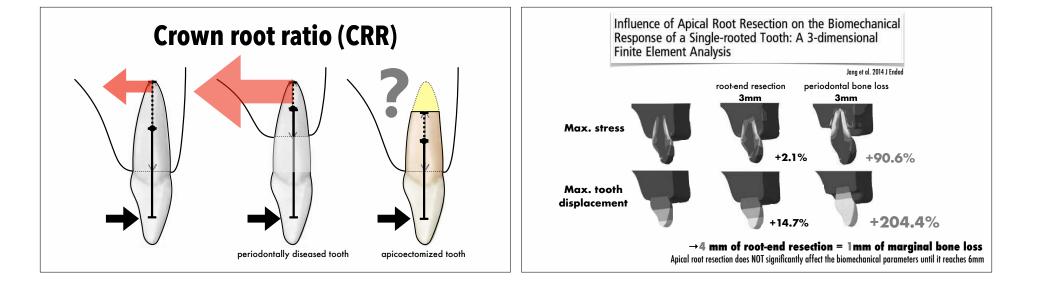












Torran A	and sh	Every case is unique and should be evaluated individually!!		
MM	Restoration/Post	S		
	Working Length	NS		
	Apical Size	S		
	Filling Density	S		
的生活	Missed canal	S		
	Procedural Errors/ Inaccessible anatomy	Both		
	Periodontal health	Both		



