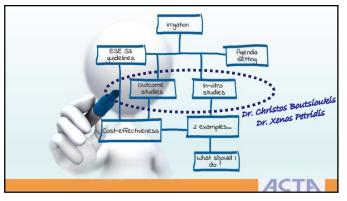


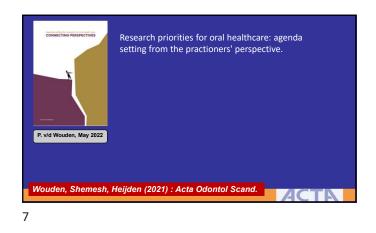
ESE S3 guidelines NVvE S3 guidelines <u>Trauma guidelines :</u> IADT AAE ESE NZa	
2	ACTA

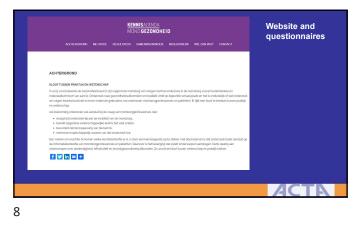












 Important in number of the number of the

Research topic	Research theme	Ranksam
I would like to see research done into:		
1. The possibility to include oral health care in the basic insurance system	Organization and design of	1469
2. Effective Products for oral (self)care	Impact of oral health (care) problems on daily life	709
3. Problems with my gums, related to my disease or medication	Oral symptoms	438
4. Dry mouth, related to my disease or medication	Oral symptoms	411
5. Oral health care that is attuned to my condition.	Impact of oral health (care) problems on daily life	355
 Expanding the knowledge of (oral) health care professionals beyond their own expertise. 	The role of (oral) health care professionals	352
 How patients can participate in decisions on their oral health care seatments. 	Information on oral health supplied to patients	319
 Now access of oral health care practices can be improved for people with a physical disability. 	Organization and design of (oral) health care	307
 How my oral health care professional can improve interaction with my medical professionals 	Organization and design of (onal) health care	299
 Increasing the knowledge of oral health care professionals about the effect of my condition on oral health. 	The role of (oral) health care professionals	282









 Technical innovations

 • Operating microscope

 rigation

 rigation

 strumentation

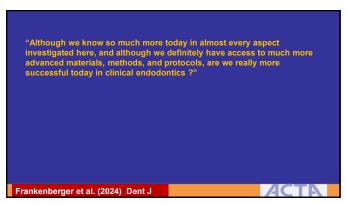
 oot canal filling: M&M

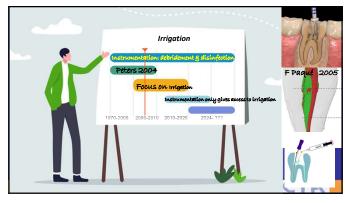
 D imaging

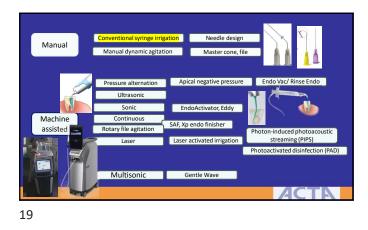
 Vireless...

 - Digital...

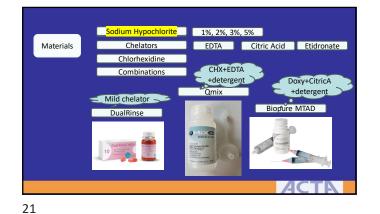


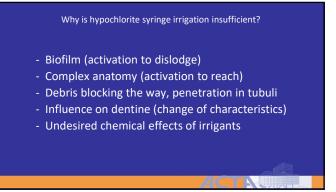












22

Quality guidelines for endodontic treatment: consensus report of the ESE 2006

Irrigation

The irrigant solution should be delivered in copious amounts as far up the canal as possible without risking extrusion beyond the foramen. This can be performed with a syringe, ensuring that the solution is allowed to escape freely into the pulp chamber and is not delivered with excessive force. The solution may also be delivered by utterscence or socie surface. • be delivered by ultrasonic or sonic systems.

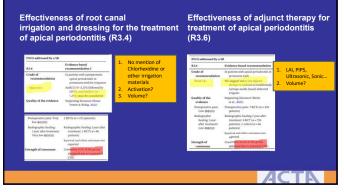
ACTA



S clas	sification	Description		
		Representative committee, systematic review and		
	Evidence- and consensus-based guidelines	synthesis of evidence, structured consensus process		
S2e	Evidence-based guideline	Systematic review and synthesis of evidence		
S2c	Consensus-based guideline	Representative committee and structured consensus process		
S1	Recommendation by group of experts	Consensus through informal expert opinion		

Grade	Description		for recommendation	Factors influencing recommendation
	Strong recommendation	We recomme	end / not to	
	Diagnosis of ap periodontiti		Single-visit approach without Ca(OH)2	

26



27



- "Het wordt aanbevolen om tijdens de chemo-mechanische reiniging gebruik te maken van handirrigatie met natriumhypochlorite, bij voorkeur na elk instrument" ______

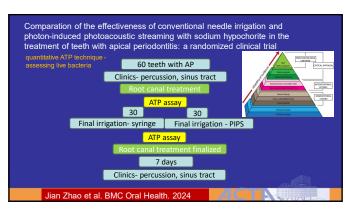
- "Aan het eind van de chemo-mechanische reiniging kan worden overwogen om ultrasoon geactiveerd te irrigeren"

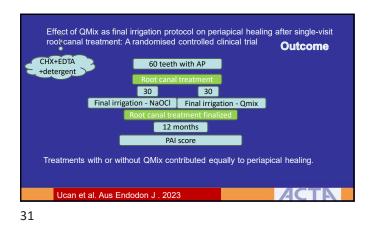
- "Ook kan worden overwogen on de smeerlaag met EDTA te verwijderen"

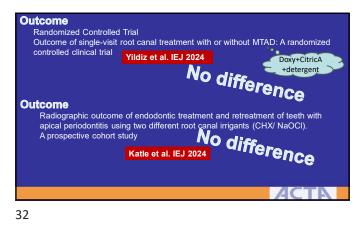
- "Overweeg geen toevoeging van lasertechnieken aan chemo-mechanische reiniging"

ACTA

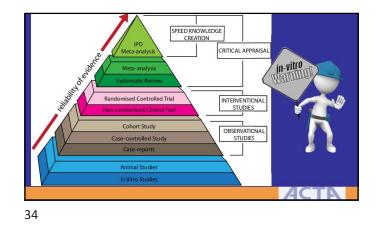


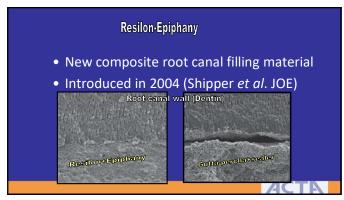






In vitro studies • Leakage/ " sealability" • Microbiology • Cytotoxicity Clinical relevance?



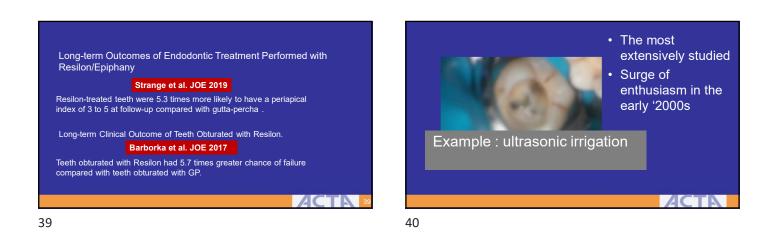


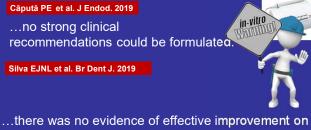




Leaka	ge studies	
Resilon is better than GP	GP is better dan Resilon	GP=Resilon
Shipper <i>et al.</i> 2004	Shemesh <i>et al.</i> 2006	Shemesh <i>et al.</i> 2007
Budrumglu & Tunga 2006	Paque & Sirtes 2007	De Deus <i>et al.</i> 2007
Different conditions & models	Pasqualini et al. 2007	Baumgartner e <i>t al.</i> 2007

38





...there was no evidence of effective improvement on periapical healing ...that supports the use of ultrasonic irrigation...

Health economics

6. Health

Economics

and Policy

"Although tooth loss may be financially preferable to the patient in the shortterm, retaining teeth using root canal treatment is usually more cost-effective than the option of removing them and replacing them prosthodontically" (Pennington et al., 2009; Schwendicke & Herbst, 2023).

ESE S3 guidelines 2023



Cost-effectiveness

Conclusions: The high costs for secondary root canal treatment do not seem to be outweighed by the increased risks associated with certain radiographic findings in asymptomatic teeth.

Schwendicke & Stolpe (2015) JOE

		county or pre-	ri-apical lesion	
No immediate re-treatment + restoration		Immediate re-treatment restoration		
Endodontic complication	Restorative complications		Endodontic complication	
Secondary roct-canal treatment,	Further re (crown, po crow	ost-core	Surgical root canal treatment	
followed by surgical re- treatment if required	Removal of the tooth			

 Overfice impairing impair

44

So what should we do? • As clinicians: follow the ESE guidelines till more relevant evidence is available ** • You can consider • Mopefully, more evidence will be available • As researchers: Try to choose research topics that are relevant to patients/ clinicians



