

Oral and Maxillomandibular Therapy as a Key Discipline in Lyme and Co-infections

Dr. med. Dr. med. dent. Herbert Rixecker.

Founder of the EIC – European Institute for Cephalgia, Facial Pain and TMJ Diseases – in 1998

Study of human medicine and dentistry at the University of Mainz.

Trained as a maxillo-facial surgeon and oral surgeon at the universities of Mainz and Freiburg. Postgraduate training in the USA, Canada, Germany, in the fields of:

- * Chiropractic**
- * Orthopedics**
- * Osteopathy**
- * Cranio-sacral therapy**
- * Acupuncture**
- * TMJ surgery**
- * Dental implants**
- * Infectology**

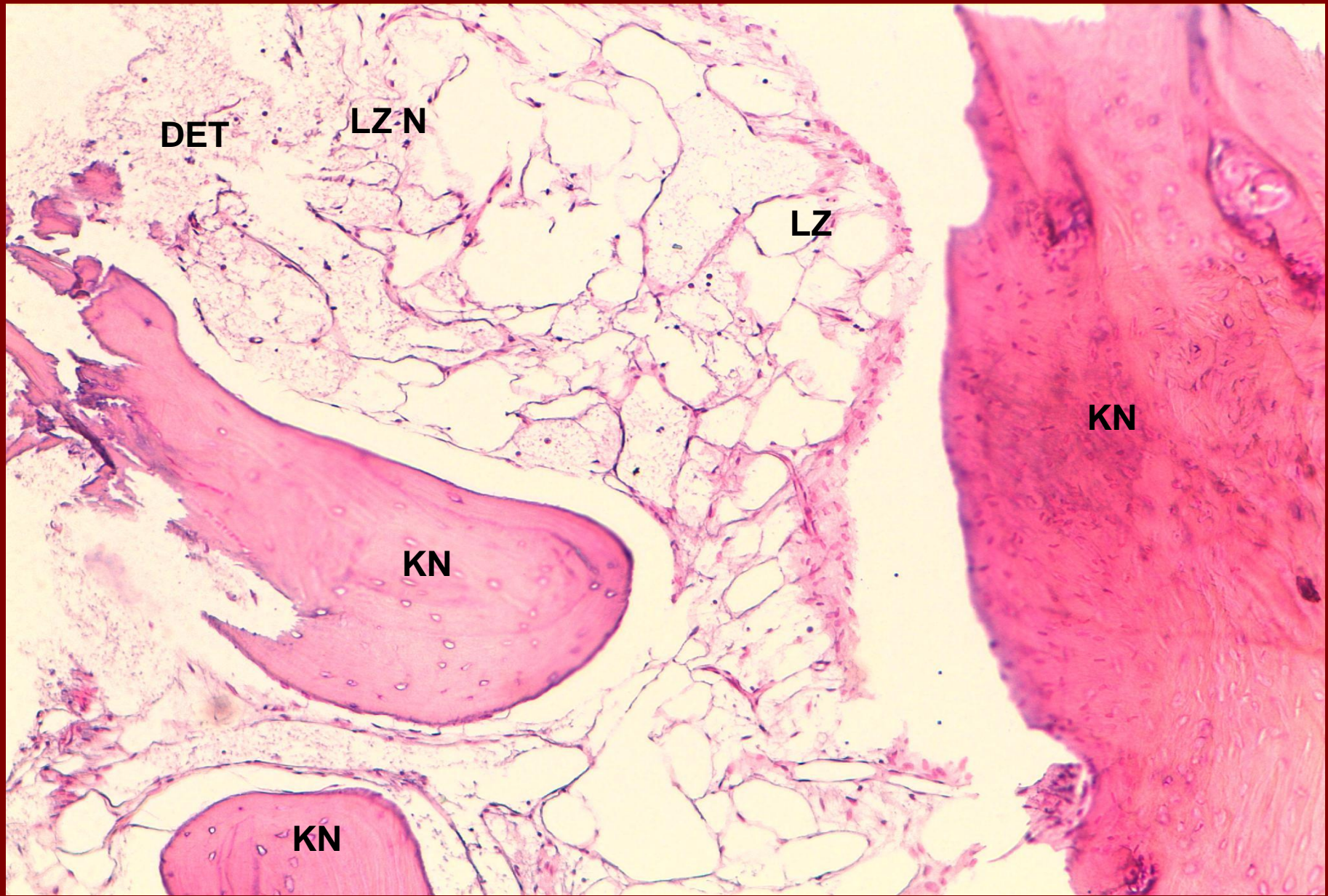


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- Alan Mc Donald
- Judith Miklossy
- Herbert Allen
- Per Løkken

Fatty degeneration of the jaw





- Fat tissue produces cytokines and RANTES (Regulated on Activation, Normal T Cell Expressed and Secreted, also known as CCL5, Chemokine ligand 5)

RANTES (CCL5)

- Chemical attractant:
monocytes, memory T-Cells,
eosinophils
- Activation and release of histamine from
basophilic and eosinophilic granulocytes

Elevated Levels of RANTES

- Breast cancer
- Rheumatism
- Alzheimer's Disease
- Hodgkins Lymphoma
- 35 times higher in cases with sites of dental infection

Causes of dental infection:

- Chronic osteitis after tooth removal
- Cysts of the jawbone
- Displaced teeth, with and without cysts
- Dental implants
- Sinusitis of dental origin

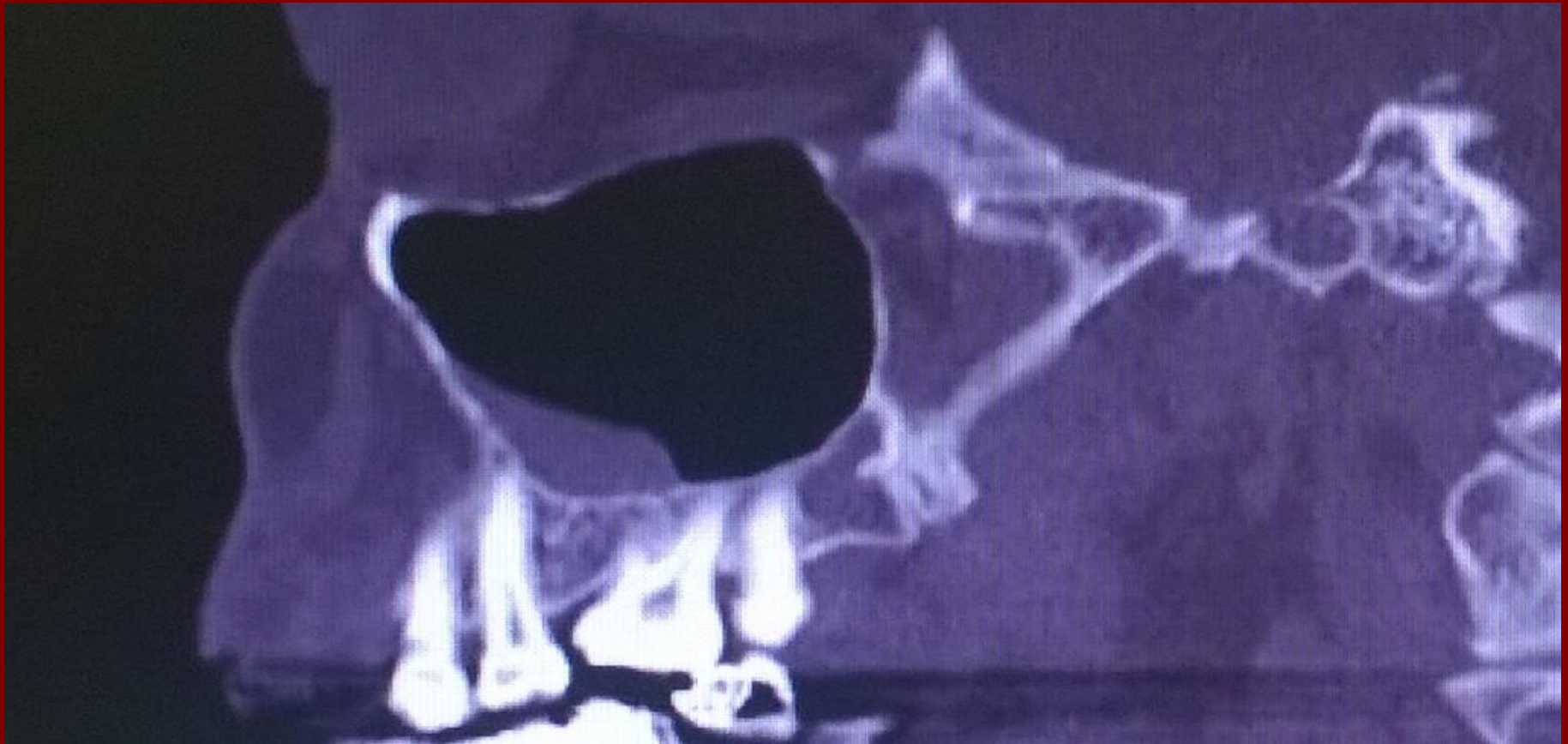
Specific case:

- Systemic distomolar disease (DMS)
- Also described as NICO (neuralgia-inducing cavitation osteonecrosis)

Orthopantomogram (OPG)



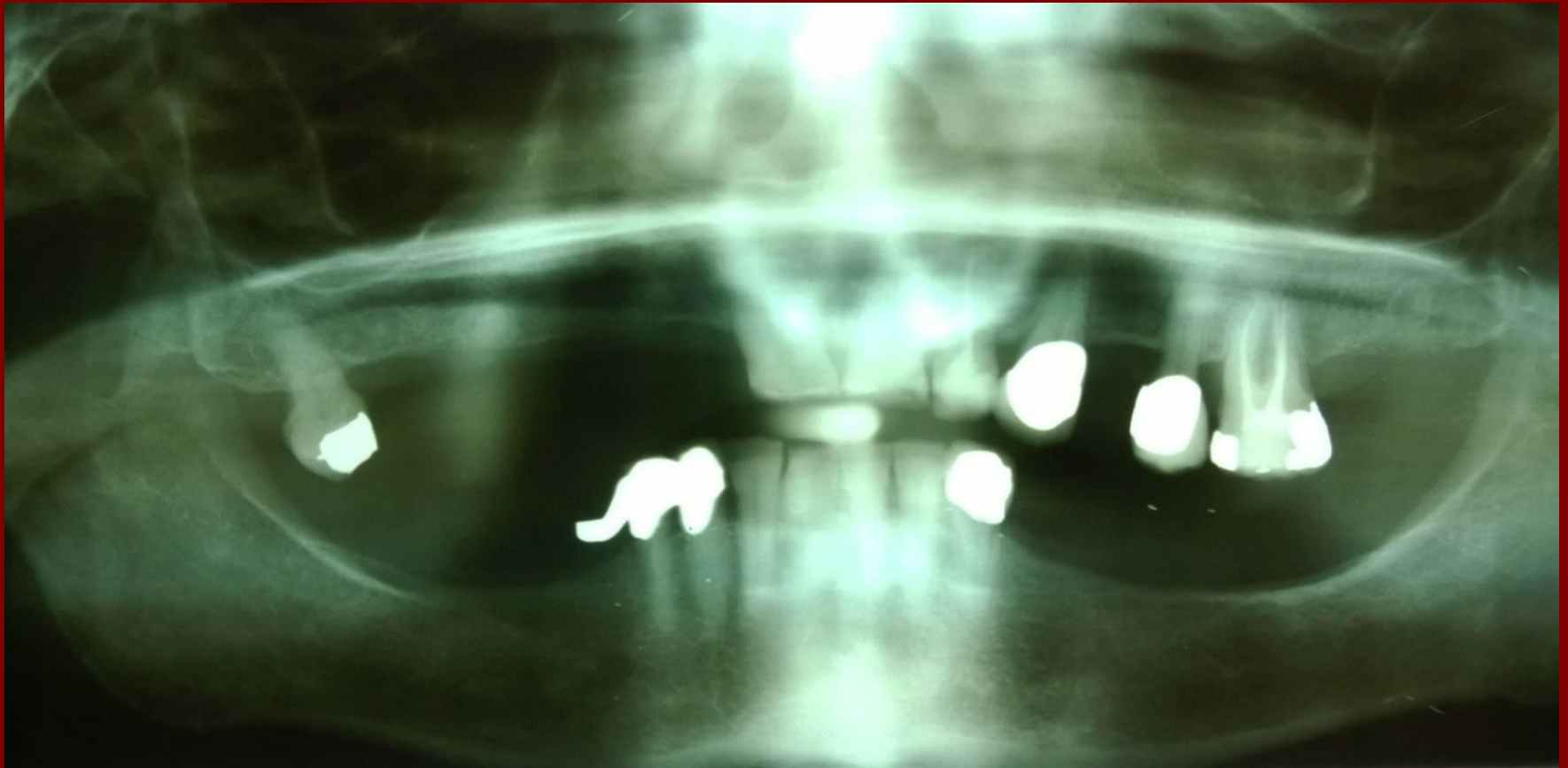
Dental CT with DMS (distomolar systemic disease)



Diagnosis of a dental infection



Another orthopantomogram





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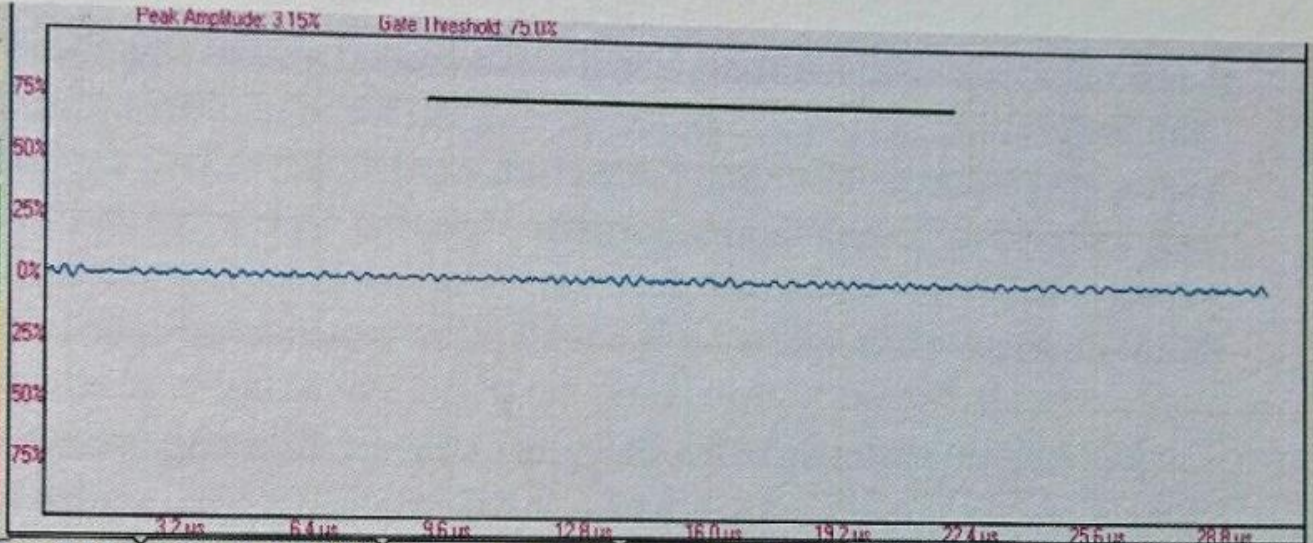
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High-resolution sonogram

Patient:

ID:

May 8 2009 08:18:18 AM



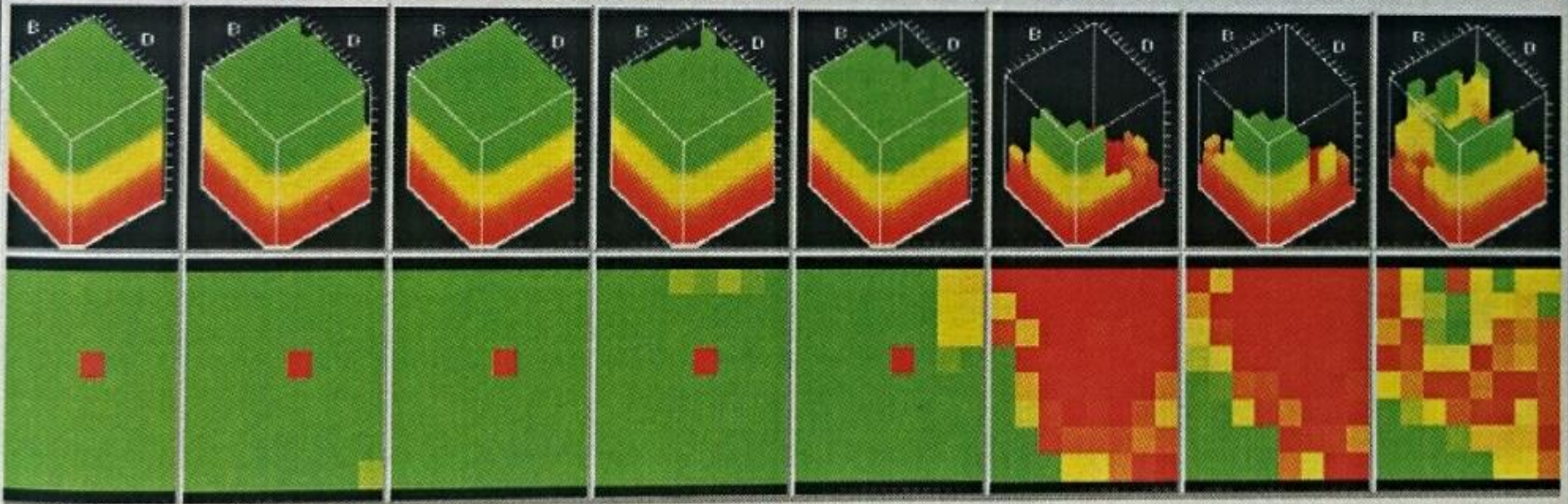
Equipment Setup

Upper Right (1) 1-8

Upper Left (2) 1-8

Lower Left (3) 1-8

Lower Right (4) 1-8



31-Grd 0

32-Grd 0

33-Grd 0

34-Grd 0

35-Grd 1

36-Grd 4

37-Grd 4

38-Grd 3

The Huneke Phenomenon (diagnosis)



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Weber's test



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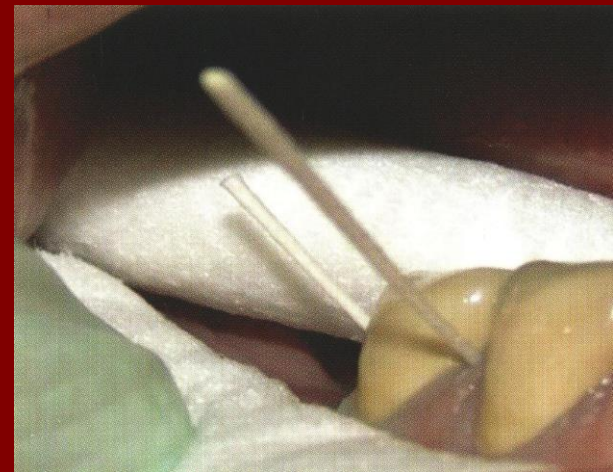


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OroTox Test®



Blood diagnostics by ArminLabs Augsburg

From 71 patients tested results in
a mid-value of 107 measured
CD57 cells
(standard value 100-360)

Bacteria diagnosed especially often ("Saarland mixture")

Borrelia burgdorferi

Chlamydia pneumoniae

Chlamydia trachomatis

Mycoplasma pneumoniae

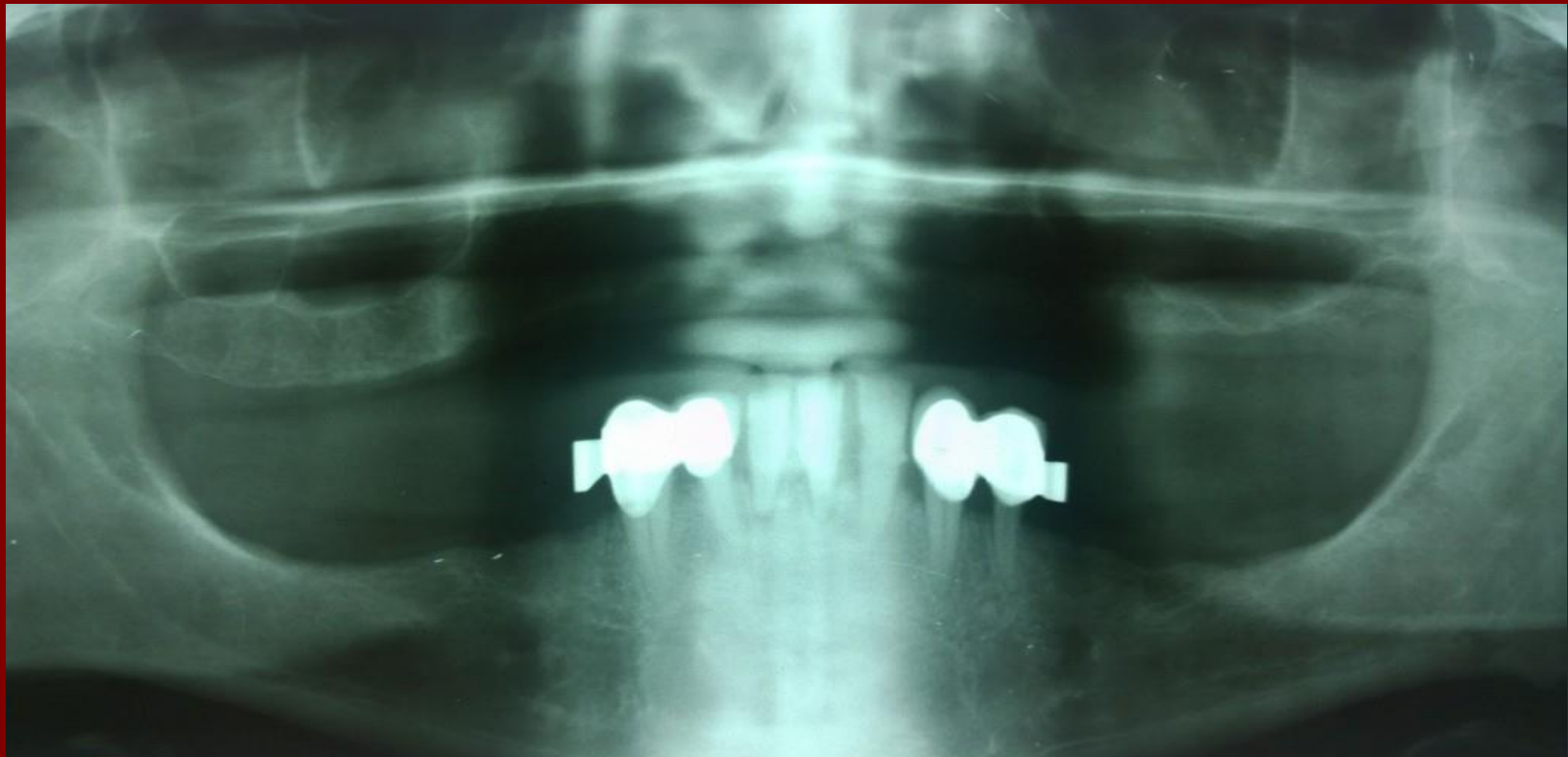
Ehrlichia

Yersinia

Osteitis of the lower jaw with generalised *Bartonella henselae* infection in the case of a patient reliant on dialysis



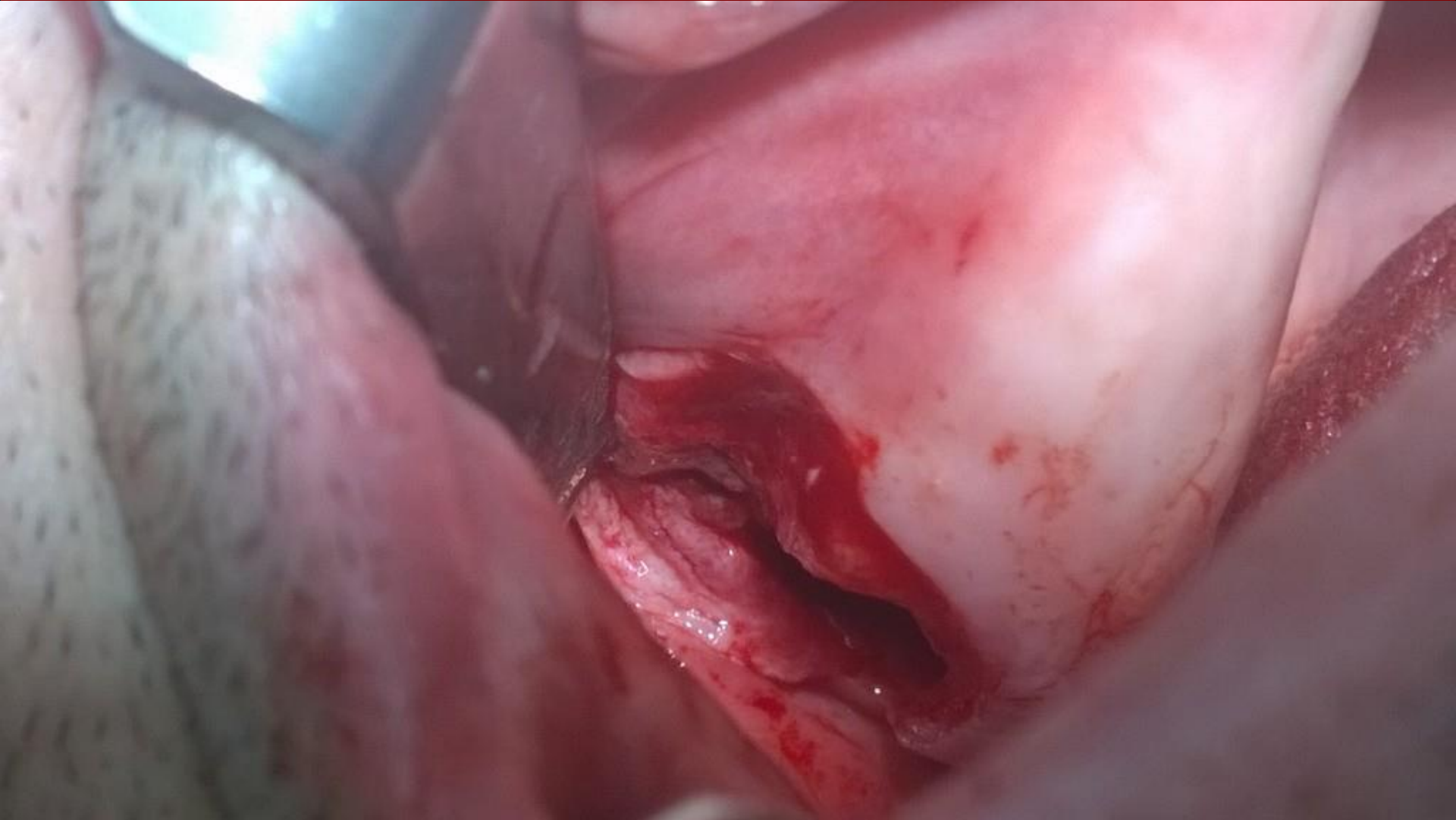
Borrelia, Mycoplasma,
Chlamydia pneumoniae,
DMS 19



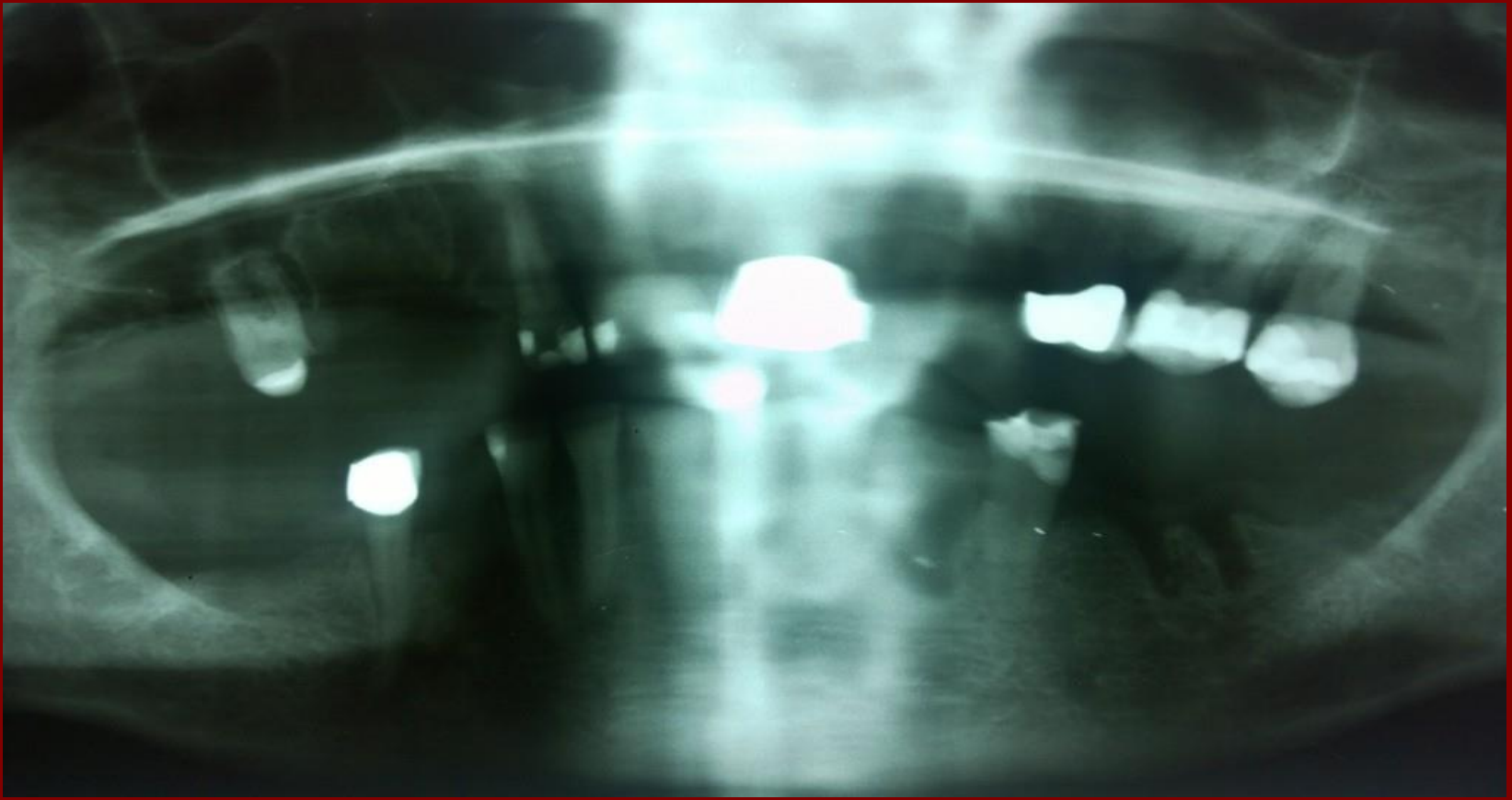


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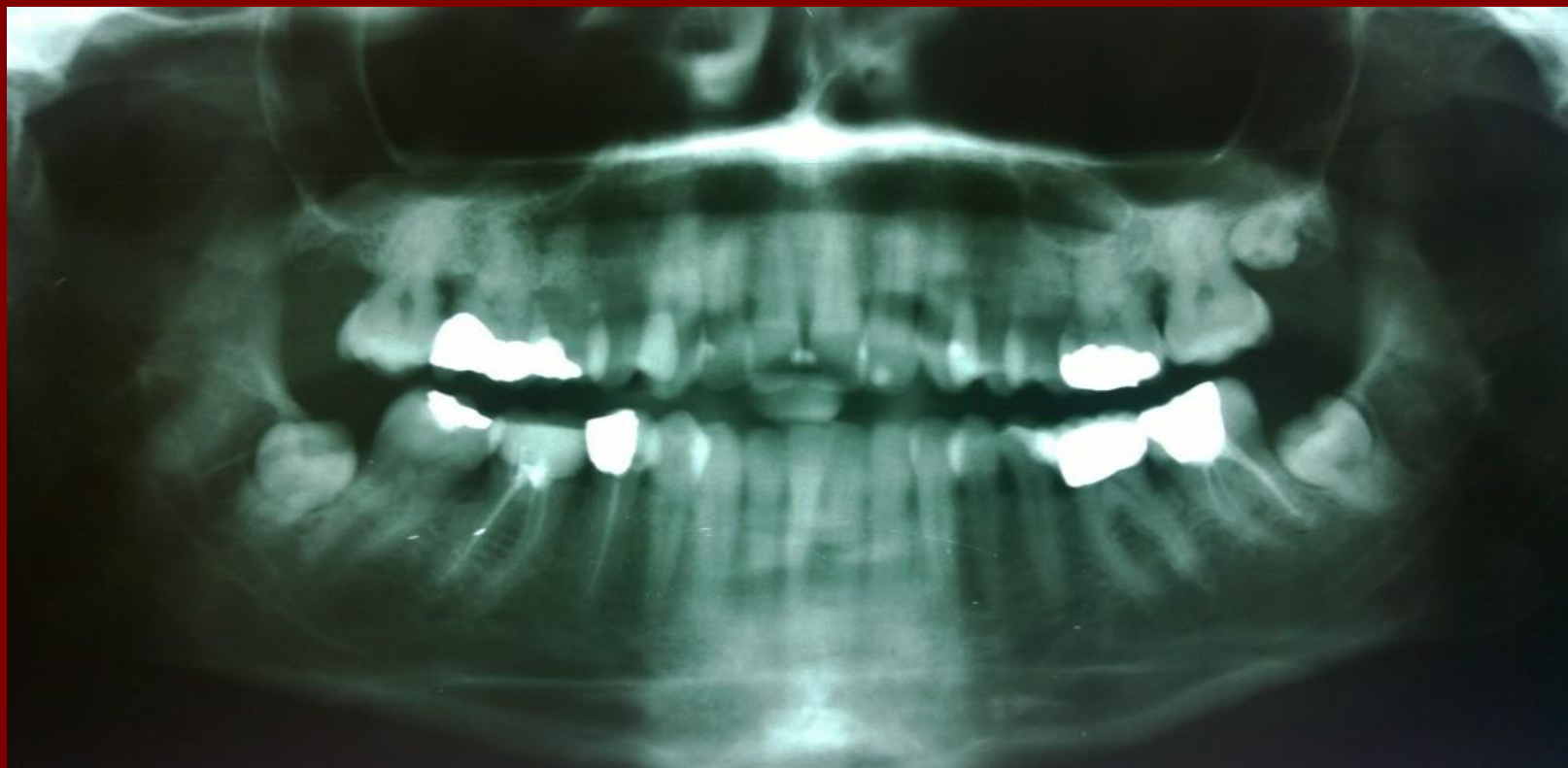




Lyme for 30 years with co-infections:
Chlamydia pneumoniae, Mycoplasma,
multiple osteitis of the jaws,
DMS 19, 29, 39, 49 with sinusitis



Neuralgia of the trigeminal nerve (N. V3 right) since 5 a,
Lyme, Chlamydia pneumoniae, Herpes zoster
Dentitio difficilis 28,38,48, cysts 28, 38, 48
DMS 49





Treatment combination of oral surgery and detoxification with Bionic 880



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21 patients

Average age of 51.4

16 female

5 male

Dental therapy

Extractions

Removal of bone

Cystectomy

Sinus operation

Wisdom tooth removal

"Open" post treatment for 2 - 3 weeks

Socket preservation with β -tricalcium phosphate

Medical therapy

Bionic 880 (according to the principles of Dr. Woitzel)

Frequency 9.88 / 325 sek.

Local use in the event of pain: frequency 2.47

Bionic 880



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Medication therapy

Froximun Toxaprevent p.o.

L-Gluthathione p.o./ i.v.


Artemisia Annua p.o.

Transfer factors p.o.

Effect of the treatment

- Release of endorphins and serotonin
- Suggestion of cortisone and DHEA in the adrenal glands
- Stimulation of ATP production
- Regeneration of mitochondria
- Inhibition of tumour growth
- Activation of leucocytes
- Inhibition of the so-called "rouleau" erythrocyte formation (reason for high pressure stems from a low Zeta charge)
- Harmonisation of cellular and hormone-dependent processes


Statistical evaluation of the checklist from former BCA (developed by Dr. Schwarzbach) before and after treatment



Strahlungsphysik, Labor, Prävention
www.infectolab.de

Co-Infektionen der Borreliose
Checkliste der Symptome

Stand 27.05.2010
Seite 2 von 2



LABOR FÜR BORRELIEN-UND
CO-INFEKTIONEN

Name, Vorname _____ Datum _____

	Symptome / Beschwerden bitte ankreuzen	X	Score-Punkte (vom Arzt auszufüllen)	Rang- folge
01	Bauchschmerzen		Ehrlichen:.....	
02	Blutarmut		Babesien:.....	
03	Durchfall		Rickettsien:.....	
04	Fiebriges Gefühl, Fieber		Bartonellen:.....	
05	Gedächtnis-, Konzentrations-Störungen, Verwirrtheit		Chl.pneumoniae:.....	
06	Gehirnentzündung		Chl.trachomatis:.....	
07	Gelbsucht		Yersinien:.....	
08	Gelenkschmerzen		Mykoplasmen:.....	
09	Allgemeine Gliederschmerzen/Sehenschmerzen		Coxsackie-Viren:.....	
10	Grippe-symptome		EBV:.....	
11	Hautausschlag, Hautgeschwür			
12	Haut-einblutungen punktförmig			
13	Herzbeschwerden			
14	Husten			
15	Kopfschmerzen			
16	Leberfunktion/Leberwerte beeinträchtigt			
17	Lungenentzündung			
18	Lymphknotenschwellung, -entzündung			
19	Mandeln mit gelben Belägen, Mandelentzündung			
20	Milzvergrößerung, -schwellung			
21	Müdigkeit/Erschöpfung			
22	Muskelschmerzen			
23	Schüttelfrost			
24	Sehen verschlechtert/Verschwommen-Sehen			
25	Übelkeit/Erbrechen			
26	Urin dunkel			
27	Wasserlassen mit Juckreiz/Schmerzen			

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Dental diagnosis

Teeth with and without apical osteitis

Displaced teeth with and without cysts

Cysts of the jaws

Chronical osteitis after removal of teeth

Sinusitis with and without dental causes

Medical diagnosis

Rheumatoid Arthritis, Polyarthritis, Polyarthrosis

Memory disorders and word-finding disorders

Back pain of unknown origin

Fibromyalgia, cardiac arrhythmia

Dizziness, visual disorders, headaches

Colitis ulcerosa

Glomerulonephritis, chronic bladder infection

Bacteria diagnosed

Borrelia burgdorferi

Chlamydia pneumoniae

Chlamydia trachomatis

Mycoplasma pneumoniae

Ehrlichia

Yersinia

Observation period

13.6 months

Results

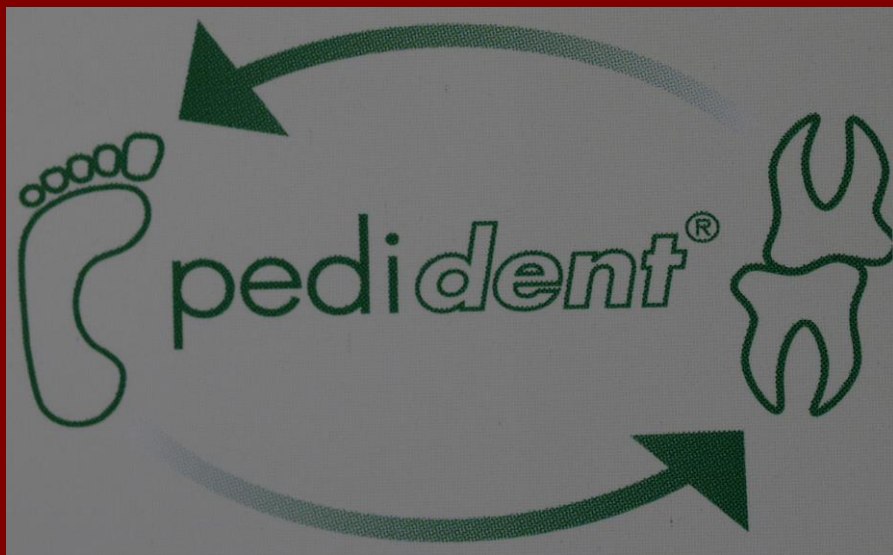
84.7 %

Improvement of complaints according to statistical evaluation of the checklists before and after treatment

Possible (and real!!!) influences on the immune system due to dental metals and other dental materials







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Thank you for your attention!