

# Table of Contents

Authors' Note ..... 1

## **Preface .....3**

A Collaborative Effort..... 3

David J. Krutchkoff, DDS, MS: Autobiographical  
Sketch and Personal Reflections..... 4

William D. Nordquist, DMD, MS: Autobiographical  
Sketch and Personal Reflections..... 7

## **Introduction ..... 11**

Further Stresses on the System..... 11

Compounding Issues ..... 13

An Overlooked Culprit? ..... 14

New Developments ..... 14

Our Goals Defined..... 15

## **Chapter 1 – Periodontal Disease: Is This the Common Denominator? .....17**

A Link Between Periodontal & Neurological Disease? ..... 19

A Daunting Potential Impact ..... 20

Looking Deeper ..... 23

Heart Disease & Oral Spirochetes ..... 24

Comparing Other Spirochetal Diseases ..... 25

Why Now, Not Earlier? ..... 27

Looking Again at Lyme Disease ..... 28

Oral Spirochete “Spores” ..... 30

Other Observations by Rosebury..... 33

More on “Spore-Like” Forms..... 33

The Challenge Ahead ..... 35

Bibliography..... 36

## **Chapter 2 – Infection: What Do We Mean by This Term? How Is It Defined? What Are Its Variables? .....41**

How Definitions Differ..... 42

Common vs. Threatening ..... 43

The Severity of Infection Expressed as an Equation ..... 44

- Virulence .....	44
- Number of Organisms .....	45
- Portal of Entry .....	47
- Resistance of the Host .....	49
Influencing Factors .....	50
In Summary .....	51

## **Chapter 3 – Understanding Dental Disease.....53**

Conspicuous & Invisible .....	53
Common Failures in Dentistry .....	55
The “Foci of Infection” Theory .....	59
The Work of Weston Price .....	60
Further Research Related to Root Canals .....	61
Mitigating Root Canal Issues .....	61
Mitigating Dental Implant Issues .....	63
Fluoride to Prevent Infection .....	63
Preventing Failure and/or Saving Infected Implants .....	65
Physicians and the Way They View Periodontal Disease .....	65
Further Thoughts on How We Got Here .....	66
In Summary .....	68
Bibliography .....	70

## **Chapter 4 – Spirochetes: Their History and Significance ..... 73**

Hideyo Noguchi .....	74
Spirochete Warfare .....	77
Background .....	78
Newman's Fear .....	79
The “Trench Mouth” Debate .....	84
The Tuskegee Study .....	85
Lab 257: America’s Secret Island Facility .....	87
Case Stories from Africa .....	88
Summary .....	91
Bibliography .....	92

## **Chapter 5 – Identity Crisis: Lyme Disease, Syphilis or Oral Spirochetosis? .... 95**

Beware the False Negative Result .....	96
Species Variations .....	97
Impact of Possible Sexual Transmission .....	101
The Telltale Footprints of Spirochetal Disease .....	102

Related Cases from Nordquist’s Practice .....	105
Just the Beginning .....	108
In Summary .....	108
Bibliography .....	110

**Chapter 6 – The Vitamin D Quandary:  
Just What Is This Compound? How Does It Work?  
Can Excess Amounts Do More Harm Than Good?....111**

Returning to “Host Resistance” .....	112
Vitamin D: The Basics .....	112
The Effect of Vitamin D on Immunity .....	113
A Closer Look at Vitamin D .....	114
Vitamin D & Neurological Issues .....	115
The Controversy Regarding Vitamin D.....	116
Vitamin D’s Complexities .....	117
The Internal Battle (or Lack Thereof) .....	125
Periodontal Disease & Immunity .....	127
Observations & Further Research.....	128
Bibliography .....	130

**Chapter 7 – Osteopenia & Osteoporosis:  
Is There a Relationship With Periodontal Disease? ...133**

Bone Disease & Possible Spirochete Linkage.....	134
Crohn’s Disease and Its Relation to Bone .....	136
Changing Thoughts on Vitamin D.....	138
Bone Medications (Bisphosphonates) & Implants .....	139
In Summary .....	140
Bibliography .....	142

**Chapter 8 – Gender-Based Differences.....145**

More on Spirochetes.....	145
Women: Their Heightened Risk .....	146
Pregnancy .....	148
Pregnancy “Tumors” .....	149
Exactly Which Spirochetes Are Found in the Mouth? .....	149
Observed Clinical Improvement During Pregnancy.....	150
Placental Transfer of Spirochetes .....	150
In Summary .....	151
Bibliography .....	153

**Chapter 9 – Cancer:  
Its Nature, Causes and Means of Control.....155**

Cancer and Its Many Variations ..... 155  
Advances in Technology ..... 156  
Understanding the Basics ..... 157  
Trouble: Mutation Rears Its Ugly Head ..... 157  
Fighting & Avoiding Cancer ..... 161  
And Then There Are the Spirochetes ..... 163

**Chapter 10 – Anti-Inflammatory, Anti-Cancer 165**

A Clever Defense ..... 166  
Interesting Similarities..... 167  
Uncontrolled Expansion & Destruction..... 168  
More Inflammation, Greater Risk ..... 169  
Fighting the Effects of Cancer ..... 170  
Resources for Further Inquiry..... 173  
Bibliography ..... 174

**Chapter 11 – Old Axioms, Modern Thoughts...177**

Darwin’s Hypothesis ..... 177  
Koch’s Postulates ..... 179  
Moving On ..... 181  
Commensal Microbial Flora..... 182  
Horizontal Gene Transfer ..... 183  
Trading Plasmids ..... 184  
DNA “Soup” ..... 185  
Antibiotic-Resistant Bacteria..... 186  
In Summary ..... 187  
Bibliography ..... 189

**Chapter 12 – Pulling It All Together.....191**

The Growth of Knowledge ..... 192  
Presenting Our Hypothesis ..... 193  
From Observations to Evidence ..... 194  
In the Meantime..... 194  
A Need for Awareness..... 195  
Bibliography ..... 197

# Appendices

## **Appendix I – Follow-up of Patients from *The Stealth Killer*.....199**

Case 1: Board Member of a Prestigious Local San Diego Hospital Has a Heart Attack.....	200
Case 2: Intensive Antibiotic Treatment for Lyme-like Disease Saved This Patient’s Life.....	202
Case 3: Alzheimer’s Patient Case.....	208
Case 4: Parkinson’s Disease Case.....	210
Case 5: Fibromyalgia Case.....	211
Cases Showing Instances of Skin Conditions That Improved After Successful Periodontal Treatment.....	213
In Summary.....	214

## **Appendix II – Successful Adjunctive Treatment of Infection with Unconventional Means: Two Interesting Case Reports.....217**

Patient #1.....	217
Background on Oil of Oregano.....	218
Patient #2.....	219
Background on Ozone.....	221
Bibliography.....	223

## **Appendix III – For Defense Attorneys: Chronic Inflammatory Disease; the Source of Implant Failure .....225**

A Future Beyond Current Contention.....	226
The Case Examples.....	227
Case 1: “Teflon Don” John Gotti.....	227
Case 2: Mr. Restaurant Owner vs. Dr. Oral Surgeon.....	232
Current Cases.....	235
In Summary.....	235
Bibliography.....	236