

**25th ANNUAL INTERNATIONAL SYMPOSIUM  
On Man and His Environment in Health and Disease  
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**Handout**

**This Handout includes a number of the Tables to be shown in these presentations which may not reproduce clearly or contain too much detail for viewing briefly but which may be useful for future reference.**

**#1. Electromagnetics and the ANS**

**Electrical Sensitivity**

Found in patients who already have an on-going chemical sensitivity. If an environmental frequency or pattern of frequencies matches that of some toxic chemical in the body H-bonded to water. The electrical and chemical triggered symptoms are identical. Once some patient specific field or intensity threshold has been exceeded, frequency becomes the relevant parameter.

**Press Call – 1984**

Hypersensitive patient with strong reaction to power lines; sensitivity a million times normal Reacting 200 yards from power lines. Enough field penetrates vehicle driving under power lines to trigger a reaction

**Electromagnetic Hypersensitivity**

Actually does exist and can be elicited under environmentally controlled double-blind conditions with 100% reactions to an active frequency and 0% to the placebos.

See: Rea WJ. Pan Y. Fenyves EJ. Sujisawa I. Suyama H. Samadi N. and Ross GH. "Electromagnetic Field Sensitivity", Journal of Bioelectricity 10(1&2): 241-256 (1991).

## Case Summary for Patient on Slides –1984

Age 37 - married with 2 children

### **Main Complaint:**

Headache for past 22 years - right-sided with deep pain behind eyes radiating to ear.  
Nausea – no vomiting, worse in last 2 years. Each attack lasts 1 week – unable to move about, must lie in bed.

No relief from many migraine tablets, even more than prescribed.

### **Other complaints:**

Blocked nose –last 10 years, operation gave no relief.

Cough – Feb-Mar and Nov-Dec.

Thunderstorms – unwell, drowsy, migraine before storm.

Allergies:

1 glass of wine – intoxicates,

coffee - oesophagitis,

perfume – rash,

onions – sore eyes.

### **Electrical testing - 12 October 1984:**

Testing started at 2 Hz - patient's eyes closed & went into second stage anaesthesia which persisted at frequencies between the symptom variations listed below:

50 & 70 Hz	Slight convulsions
4 kHz	Eyes open, fingers & toes not working
25 kHz	Eyes open, but not speaking
40-50 & 70 kHz	Slight convulsions
100 kHz	Severe whole body convulsions
240-360 kHz	Eyes open, but not speaking
3-4 MHz	Slight convulsions
12 & 21 MHz	Eyes open, but not speaking
30, 42 & 70 MHz	Slight convulsions
281-284 MHz	Eyes remained open for 10 min (osc. off)
310 MHz	Slight convulsions
340, 360, 380 MHz	Walked with assistance
<b>512 ± 3 MHz</b>	<b>Best frequency, patient almost back to normal</b>
920 & 1010 MHz	Slight convulsions
1040 & 1080 MHz	Mentally limp, weak fingers, headach.

## **Endogenous & Exogenous Frequencies & the ANS**

### **Endogenous Frequencies**

Each acupuncture meridian and chakra point has a characteristic pair of frequencies. Where a meridian has a link to the ANS there is an additional frequency: ~ 3 mHz for sympathetic ANS~ 0.3 Hz for parasympathetic ANS.

Acupuncture Meridians may originate with coherence between embryonic ectoderm and endoderm cells persisting as the organism develops with the ectoderm forming the acupuncture points, the endoderm and mesoderm the target organs.

The normal condition is for the acupuncture meridian frequencies to fluctuate in a quasi-periodic manner over about a one hour period. If the meridian is synchronized to a stimulatory phase frequency, its rate increases ten-fold. If it is synchronized to a depressive phase frequency, all fluctuation ceases, which is analogous to the effect of a toxic chemical.

At Yuan Source Points or Luo Connecting Points, frequencies of both meridians occur.

### **Sources of Exogenous Frequencies Affecting the ANS**

Electromagnetic Environment. Chemicals H-bonded to water.  
Frequency imprints in water. Homoeopathic potencies. Allergen dilutions

**Endogenous Frequencies on “Classical” Acupuncture Points**  
**(ANS related meridians in bold)**

‘Classical’ Acupuncture Meridians	Point Measured	Low Band Frequency Hz	High Band Frequency MHz
Lung	Lu1	0.48	24
Large Intestine	LI1	0.055	2.7
<b>Stomach</b>	<b>St45 / right</b>	<b>0.044</b>	<b>22</b>
<b>Stomach</b>	<b>St45 / left</b>	<b>0.44</b>	<b>2.2</b>
Spleen	Pn1	0.055	2.7
<b>Heart</b>	<b>He9</b>	<b>7.8</b>	<b>380</b>
Small Intestine	SI1	0.025	1.2
<b>Urinary Bladder</b>	<b>BL67</b>	<b>5.5</b>	<b>270</b>
<b>Kidney</b>	<b>Ki1</b>	<b>0.00095</b>	<b>0.047</b>
Pericardium	Pe9	0.25	13
<b>Sanjiao (TW)</b>	<b>TW1</b>	<b>6000</b>	<b>300,000</b>
<b>Gall Bladder</b>	<b>GB44</b>	<b>0.05</b>	<b>2.46</b>
Liver	Liv1	4.8	240
Du Mai (GV)	GV14	4.3	149
Ren Mai (CV)	Ren24	14	730

**Endogenous Frequencies on Additional “Ting” Points**  
**(ANS related points in bold)**

Voll’s Additional Acupuncture ‘Ting’ Points	Point Measured	Low Band Frequency Hz	High Band Frequency MHz
Lymphatics	Ly1	0.06	2.95
<b>Nerve Degeneration</b>	<b>ND1</b>	<b>0.00055</b>	<b>0.027</b>
Allergy	AD1	2	98.4
Organ Degeneration	Or1	0.078	3.85
Fatty Degeneration	FatD1	0.74	36
Skin Degeneration	Sk1	0.0035	0.172
Joint Degeneration	JD1	0.3	148
Fibroid Degeneration	FibD1	800	39,400
Circulation, pericardium	Ci9	0.05	2.46

## Voll's Electroacupuncture Points Linking to the ANS

### Nerve Degeneration Meridian (ND1a) Summation Point for Entire ANS

<u>St10a</u>	<u>Summation Point for Parasympathetic ANS</u>	<u>Summation Point for Sympathetic ANS</u>	<u>GB20</u>
GB11b	Vagus nerve nucleus in medulla	Sympathetic nerve - cranial	GB19a
St8c	Vagus nerve -cervical	Sympathetic nerve - cervical	GV16
St8d	Pharangeal plexus	Cervical ganglion	TW1a
St16	Vagus nerve -thoracic	Sympathetic trunk – thoracic	BL16*
St15	Oesophageal plexus	Sympathetic trunk – abdominal	BL24*
St18	Pulmonary plexus	Coeliac plexus	St44c
St20 L/R	Gastric plexus – anterior/posterior	Sympathetic - Pelvic	BL33
Ki20	Vagus nerve - coeliac	Inferior hypogastric plexus	BL63*
Ki21	Vagus nerve - hepatic		* Summation points
Ki 19	Vagus nerve - renal		
BL35	Sacral preganglion fibres		
BL34	Pelvic plexus		
BL32	Pelvic splanchnic nerves		

## **Conclusions**

The ANS is linked to the acupuncture meridian system and its characteristic frequencies appear at linked points additional to the meridian frequencies.

1. Living systems use chemical and electrical pathways for control to avoid positive feedback instability
2. Chemicals carry chemical and frequency information (in trace water)
3. Homoeopathic potencies carry frequency information in water with little or no chemical information
4. Chemicals in the body can destroy proteins and enzymes, prevent DNA translation cell progression errors and compromise the immune system and destabilise the ANS
5. If endogenous frequencies are weak or missing, the body may seek its control information from frequencies in the environment with nonsensical results
6. External frequency patterns can mimic frequency patterns of toxic chemicals in the body triggering panic reactions

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### **#2. ANS Involvement in Chemical & Electromagnetic Sensitivities**

The following tables of measurements were made by the presenter on himself to demonstrate stimulation and depression of the ANS through connected acupuncture points.

These measurements included various therapeutic and nutritional substances and homoeopathic potencies.

They are not a summary of clinical trials.  
The potencies and materials happened to be those readily available.

### **Homoeopathic Potencies to Stimulate the ANS**

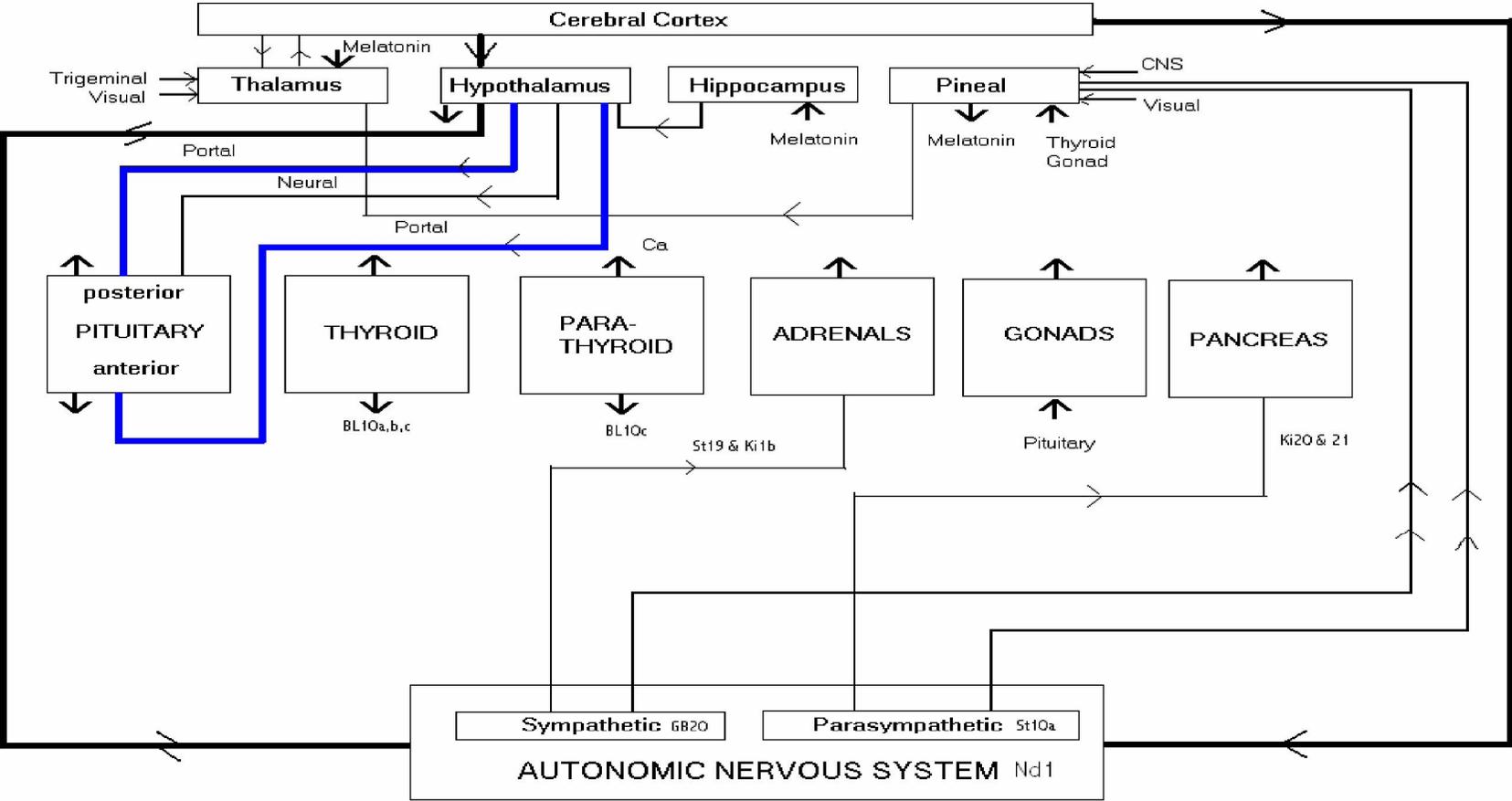
The following two tables list some of the available potencies which stimulated the sympathetic and parasympathetic branches of the ANS. The potencies stimulating the greatest number of the Voll summation points were selected from those readily available.

**In addition to the frequencies of Voll's linked meridian points:**

**Sympathetic ANS linked points carry  $3 \times 10^{-3}$  Hz**

**Parasympathetic ANS linked points carry  $3 \times 10^{-1}$  Hz**

**ELECTROMAGNETIC INTERACTION SITES AND FEEDBACK PATHWAYS**



### Homoeopathic Potencies to Stimulate the Parasympathetic ANS

	<b>Para-sympathetic St10a</b>	<b>Pregang. mid-brain GB 10a</b>	<b>Vagus nucl. in medulla GB 11b</b>	<b>Vagus-cervic./Pharang. plexus St8 c/d</b>	<b>St 16 Vagus-thoracic</b>	<b>Oesoph. plexus St 15</b>	<b>Pulmon. plexus St 18</b>	<b>Vagus – abdom. St21</b>
<b>Arsenicum alb. 1M</b>				x		x		
<b>Graphites 10M</b>	x		x	x				
<b>Cu. met. 6X</b>		x	x		x			x
<b>Carcinosin 200C</b>	x				x		x	x
<b>Phosphorous 6C</b>		x						x
<b>Electricitas 200C</b>	x		x					
<b>Crotolus 6C/12C</b>	x							x
<b>Rad. iod. 200C</b>				x				

## Homoeopathic Potencies to Stimulate the Sympathetic ANS

	Sympathetic GB20	Sympathetic - cranial GB19a	Sympathetic - cervical GV16	Cervical ganglion TW1	Sympathetic - thoracic BL16	Sympathetic - abdominal BL24	Coeliac plexus St44c	Sympathetic - pelvic BL33	Inf. Hypo- gastric plexus BL63
<b>Arsenicum alb. 1M</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>		<b>X</b>			
<b>Lycopodium 6C</b>	<b>X</b>	<b>X</b>				<b>X</b>	<b>X</b>	<b>X</b>	
<b>Chamomilla 30C</b>	<b>X</b>	<b>X</b>	<b>X</b>					<b>X</b>	
<b>Ac. fluor. 6C</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>					
<b>Crotalus 6C/12C</b>			<b>X</b>		<b>X</b>		<b>X</b>		
<b>Electricitas 200C</b>			<b>X</b>	<b>X</b>		<b>X</b>			
<b>X-ray 200C</b>	<b>X</b>	<b>X</b>					<b>X</b>		
<b>Carcinosin 200C</b>	<b>X</b>	<b>X</b>			<b>X</b>				
<b>CA colon 200C</b>	<b>X</b>	<b>X</b>			<b>X</b>		<b>X</b>		<b>X</b>
<b>Petroleum 30C</b>							<b>X</b>	<b>X</b>	<b>X</b>
<b>Rad. Brom. 1M</b>	<b>X</b>					<b>X</b>			<b>X</b>

## Stimulation of Meridians and ANS by Magnetic Fields

Stimulation when magnetic field satisfies proton-NMR conditions

‘Classical’ Acupuncture Meridians	Point Measured	Low Band Frequency	Resonance Magnetic Field	High Band Frequency	Resonance Magnetic Field
		Hz	Gauss	MHz	Gauss

Lung	Lu1	0.48		24	8.56
Large Intestine	LI1	0.055		2.7	0.96
<b>Stomach</b>	<b>St45 / right</b>	<b>0.044</b>		<b>22</b>	<b>7.85</b>
<b>Stomach</b>	<b>St45 / left</b>	<b>0.44</b>		<b>2.2</b>	<b>0.79</b>
Spleen	Pn1	0.055		2.7	0.96
Heart	He9	7.8		380	137
Small Intestine	SI1	0.025		1.2	0.43
<b>Urinary Bladder</b>	<b>BL67</b>	<b>5.5</b>		<b>270</b>	<b>96</b>
Kidney	Ki1	0.00095		0.047	<b>11.2</b>
Pericardium	Pe9	0.25		13	4.64
Sanjiao (TW)	TW1	6000	<b>1.42</b>	300,000	
<b>Gall Bladder</b>	<b>GB44</b>	<b>0.05</b>		<b>2.46</b>	<b>0.89</b>
Liver	Liv1	4.8		240	8.7
Du Mai (GV)	GV14	4.3		149	53
Ren Mai (CV)	Ren24	14		730	261
<b>‘Extra’ Points</b>					
Anmian I & II	Ex 8 & 9	3,000	<b>0.74</b>		
<b>Extra ‘Ting’ Points</b>					
Lymphatics	Ly1	0.06		2.95	1.05
<b>Nerve Degen.</b>	<b>ND1</b>	<b>0.00055</b>		<b>0.027</b>	<b>6.43</b>
Allergy	AD1	2		98.4	3.51
Organ Degen.	Or1	0.078		3.85	1.37
Fatty Degen.	FatD1	0.74		36	12.90
Skin Degen.	Sk1	0.0035		0.172	<b>40.9</b>
Joint Degen.	JD1	0.3		148	53
Fibroid Degen.	FibD 1	800	<b>0.19</b>	39,400	140
Circulation	Ci9	0.05		2.46	0.89

## Optical Spectra for Mercury Imprinted in Water - Showing Multiple Frequencies Fractal Effect

Hg lines	Optical		Microwave		ELF
nm	Hz		Hz		Hz
	$\times 10^{15}$	$\times 10^6$	$\times 10^6$	$\times 10^6$	$\times 1$
185	1.62		935		19.31
254	1.18		680		14.38
365/6	0.820		472		9.843
405	0.740		425		8.925
436	0.688		396		8.358
492/6	0.607		347		7.235
546	0.549		315		6.633
577/9	0.519		298		6.262
615	0.488		280		5.832
623	0.482		276		5.832
<b>Ratio</b>		1.7340		47.70	
<b>Std. Dev.</b>		$\pm 0.34\%$		$\pm 0.75\%$	

### Theoretical – Coherence

Coherence relates to the constancy of frequency and phase between two or more oscillators and is a fundamental property of a quantum field.

The phases of their individual quantum fields and particle numbers are related by Heisenberg Uncertainty Principle.

Within a coherent system, the range of the coherence (*coherence length*) becomes the constant quantity instead of the velocity.

This makes frequency proportional to velocity apparently without restriction so long as one remains within the coherence length. There can be many velocities each with frequencies in proportion. Because these frequencies no longer have absolute values, the system has become *fractal in frequency*.

Consequently, the same effects can occur in many different parts of the electromagnetic spectrum. It is this which links effects of frequencies characteristic of chemical, technical and biological systems and why environmental frequencies can mimic chemical exposure for hypersensitive patients. For a wave - its constant velocity of propagation equals its frequency multiplied by its wavelength.

**Duality exists between chemical structure and frequency patterns - otherwise chemical analysis by spectroscopy would be impossible!**

**Within a coherent system coherence length becomes the constant parameter and frequency becomes proportional to velocity of coherence propagation with no characteristic frequency scale. This implies a *fractal system* with self-similarity, scale invariance and power law**

**This gives rise to the observed RF and ELF frequency bands coupled to chemical and technological frequencies.**

## **Conclusions**

**The first body system to become compromised in chemical and electrical hypersensitivities is the ANS.**

**Just a few of the many factors which can affect the ANS have been listed. In health, the body will be aware but not incapacitated by them.**

**Voll's connections between the ANS and the acupuncture system are used to investigate the frequencies involved in these connections.**

**All cells can emit a chemical in response to an electrical signal and an electrical signal in response to a chemical stimulus. Regulatory systems use both frequency and chemical signals to avoid feedback instability.**

**If a reference frequency becomes locked to a frequency or a chemical frequency signature, it cannot respond to metabolic demands and the ANS feedback path will go open-circuit. Frequency can effect L/D isomers and control enzyme reactions.**

**The sympathetic ANS frequency corresponds to 300 sec. and the parasympathetic ANS to 3 sec. This implies parasympathetic inhibition is reduced for a 'fight-flee' response.**

**The allergy meridian frequency corresponds to a 1/2 sec. response as observed in hypersensitivity.**

**Frequencies are the fundamental 'bits' in bio-computation and the phase allows for 'quantum-holographic' memory.**

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