

Letter Re Spinal Injury

TIMOTHY J. SMITH, M.D.
2635 REGENT STREET
BERKELEY, CALIFORNIA 94704
TELEPHONE (510) 548-8022

February 24, 2003

Re: Doug Copp

Dear Mr. Purcell:

The following communication is in response to your request for information regarding Mr. Doug Copp. Specifically, it addresses the requirement that recipients have had at least one week of hospitalization to qualify for 9/11 Fund advanced medical benefits.

I would offer the following information:

Although it is true that Mr. Copp has not been hospitalized continuously for one full week, the total amount of time he has spent receiving treatment in hospitals and doctor's offices for 9/11 related injuries has far exceeded that time.

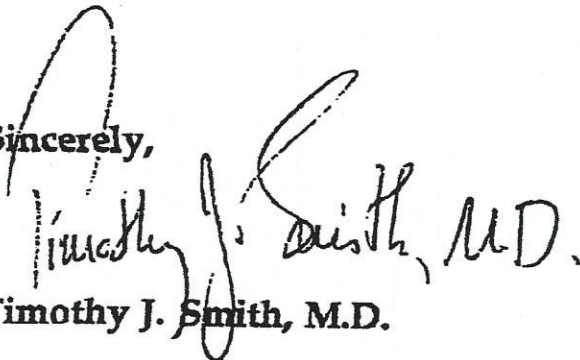
Mr. Copp's initial treatment was inappropriate and delays in receiving proper care precluded hospitalization. I.e., if he had received prompt and appropriate care soon after his injuries, he would have been hospitalized for at least one week.

The general trend in managed medical care has been to do as much as possible on an outpatient basis and then do intensive follow-up from home. Mr. Copp was encouraged follow this approach. Also, when presented with the option of inpatient care, he opted for outpatient care for financial reasons. He was unable to work because of his injuries, and had no source of funds to afford an expensive inpatient experience.

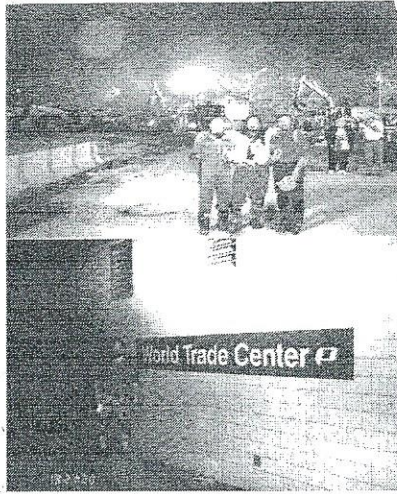
Mr. Copp is being evaluated by neurosurgeons for spinal surgery (to repair damaged lumbar vertebrae injured during his rescue work in the subway system six floors below the World Trade Center) and this intervention will definitely require at least one week of hospitalization.

If I may be of further assistance in evaluating this patient, please contact me.

Sincerely,


Timothy J. Smith, M.D.

Timothy J. Smith, M.D.



American Rescue Team International (ARTI)

www.amerrescue.org

501 (C) 3, non profit, All Volunteer
Organization



"The world's most experienced rescue, disaster mitigation and disaster management organization with members in 55 countries." June 2002.

Head email: amerrescue@aol.com

Office Voice: 1-505-281-7977, fax: 281-7977

Feb3, 2003.

Attention Dr. Tim Smith:

Dear Tim:

The purpose of this letter is to formally acknowledge the current scenario in which we are both involved.

You are my Primary Practitioner. You have taken me from being a very sick person, near death and have quite literally saved my life. For this I am eternally indebted to you. You are, also, the person who is playing the major role in presenting my medical case to the Victim's Compensation Fund. You are critical to my ability to continue receiving medical treatment. In fact you are now my primary care manager and I expect that my life will be very much shortened if you do not continue in this role after I receive my money from the Victim's Compensation Fund. This will be expressed in the Documentary.

I expect to get 2-3 million dollars from the fund. You have told me that my bill for your services has reached \$10,000. You have not finished yet. I expect your bill to reach \$15,000-\$20,000. It would be completely insane of me not to pay you IMMEDIATELY after receiving my check. This I will do. In fact, as I requested, before, please charge me interest. I am extremely grateful to you in many ways and consider you to be someone I admire and consider friend.

If you wish me to sign over the title of my car as collateral, until I am paid (which I am assured will be very quickly after your report is completed then I will have no problem to do so). and/or I can pay you some money from my Advance Payment and the balance, later, when I get my complete check.

I am absolutely loathsome to sign over my Victim's Compensation Fund check to James Braden for reasons, which you are very aware. I am too sick to cope with all the stress and anxiety he pushes my way. Kip Purcell who I have told you about can be reached at 1-505-768-7217. He is very much like you : a very intelligent and good person. He can assure you.

If you require a more formal declaration than this I will be happy to do so. Now that the Congressman has come to my aid I expect my check will be quickly forthcoming. I am trying to do everything I can to survive the ordeal the Fund has put me through.

I want to make you very happy, as a friend, and the person who is in charge of my health.

Doug Copp

Rescue Chief // Disaster Manager

American Rescue Team International

PO Box 534

Sandia Park, NM, 87047

Phone: 1-505-281-7977

Fax: 1-505-281-7877

amerrescue@aol.com

<http://www.amerrescue.org>

"The world's most experienced rescue, disaster mitigation and disaster management organization with members in 55 countries. ALL Volunteer."

Doug Copp: Dipl Praktikant ENG (Germany), BA HON PHIL (Canada), Distinction Honorifica (Universidad Nacional-Peru), Fire Capt. Station #4, CBP, Lima, (Peru), AKUT (Turkey), RCFR (Russia), KERO (Kenya), CIBS (Portugal), RAC (Taiwan), MRC (Mexico), HTN (Bulgaria). QSDRT (BRASIL), Bjelovar Fire Dept.(Croatia), UCP(Italy), BOER (Argentina)

Timothy J. Smith, M.D.
2635 Regent Street
Berkeley, CA. 94704
Phone (510) 548-8022
Fax: (707) 824-0111

NUTRITIONAL MEDICINE PROGRAM

FOR Douglas Copp DATE Updated 2/4/03

Take In:	AM	PM
Basic Supplement Program		
✓ Renewal Research Multivitamin	3	3
✓ Flax/borage caps	3	3
✓ Coenzyme Q-10 100 mg.	1	1
✓ Mixed Carotenoids	1	1
✓ Mixed Tocopherols	1	1
<hr/>		
✓ DHEA 25 mg.	2	2
✓ Pregnenolone 50 mg.	2	1
Read DHEA/Pregnenolone Chapter in Renewal: The Anti-Aging Revolution. We will retest in a month and see if the level has come up to ideal.		
<hr/>		
For Immune enhancement and Support		
✓ Astragalus	3	3
<ul style="list-style-type: none"> • enhances all aspects of immune health • maintains <u>liver</u> health • exerts strong <u>antioxidant</u> and free radical scavenging properties 		
✓ Vitamin A Micellized	Reduce to 2 drops (15,000 IU) daily	
Also necessary for respiratory health and healing the lungs.		
✓ Zinc 30 mg.	1	1
High hair zinc levels indicate low blood/tissue levels.		
Supports immune system healing.		
✓ Ambrotose powder	4 teaspoons a day in smoothie	
(with soy milk, whey, banana or fruit juice)		
<hr/>		
Nutritional Medicine to lower cholesterol, LDL and triglycerides and to raise HDL:		
✓ Policosanol	2	2
<hr/>		
Thyroid medication:		
✓ Levothroid 25 mcg	2	
Take both 15 minutes before breakfast		

Detoxification

To enhance detoxification of toxic chemicals:

✓ Garlic (Kyolic Aged SGP)	2	2
✓ Ester-C Powerful detoxifier.	5	5
	(It is also in the drip.)	
✓ Milk Thistle	2	2
✓ Hightech Health Detoxification Formula (came with sauna: Protease, NAC, buchu, beet, dandelion, cats claw, milk thistle.)		

To enhance detoxification of toxic chemicals:

✓ Garlic (Kyolic SGP)	2	2
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For assisting hepatic detoxification, strengthening the Immune System, and increasing glutathione production:

✓ Whey Protein: Start with 1/8 tsp in 8 oz water and take it three times a day. Build up slowly as tolerated to ten grams daily in spring water.		
✓ Lipoic acid (Thiocid) 100 mg.	2	2

For strengthening the Immune System, increasing glutathione, production, and assisting hepatic and respiratory detoxification:

✓ N-Acetylcysteine 250 mg.	4	4
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Green Foods:

✓ Liquid Drink 1: Quart bottle drunk in 5-10 minutes 30 minutes before eating: SuperGreens 1 scoop, 1 scoop Phytaloe in Ki UV activated ionized water)

✓ Liquid Drink #2: ProGreens 2 scoops (mix with the Intestamine or Perm A vite).

Intestamine (Allergy Research's "Perm A vite" is interchangeable with Intestamine) provides glutamine (5000 mg per heaping tablespoon) and other intestinal and immune support nutrients (FOS, acacia, N-Acetyl-D-Glucosamine)

✓ Intestamine (or Perm A vite) Two to three scoops a day.

To enhance healing of the spine:

✓ Glucosamine with chondroitin	2	2
Glucosamine speeds healing of connective tissue injuries in the lung, spine and back, and reduces the likelihood of residual problems.		
✓ MSM (methylsulfonylmethane)	2	2
MSM also speeds up the healing of connective tissue injuries, including those in the		

Timothy J. Smith, M.D.
2635 Regent Street
Berkeley, CA. 94704
Phone (510) 548-8022
Fax: (707) 824-0111

NUTRITIONAL MEDICINE PROGRAM

FOR Douglas Copp

DATE 1/20/03

Take In:

AM

PM

Basic Supplement Program

✓ Renewal Research Multivitamin	3	3
✓ Ester-C Powerful detoxifier.	it is in the drip	
✓ Flax/borage caps	3	3
✓ Coenzyme Q-10 100 mg.	1	1
✓ Mixed Carotenoids	1	1

Supports respiratory healing.

✓ DHEA 25 mg.	2	2
✓ Pregnenolone 50 mg.	2	1

Read DHEA/Pregnenolone Chapter in Renewal: The Anti-Aging Revolution. We will retest in a month and see if the level has come up to ideal.

For Immune enhancement and Support

✓ Astragalus	3	3
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- enhances all aspects of immune health
- maintains liver health
- exerts strong antioxidant and free radical scavenging properties

✓ Vitamin A Micellized Reduce to 2 drops (15,000 IU) daily
 Also necessary for respiratory health and healing the lungs.

✓ Zinc 30 mg.	1	1
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High hair zinc levels indicate low blood/tissue levels.

Supports immune system healing.

✓ Ambrotose	4 teaspoons a day	
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Nutritional Medicine to lower cholesterol, LDL and triglycerides and to raise HDL:

✓ Policosanol	2	2
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Thyroid medication:

✓ Levothroid 25 mcg	2
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Take both 15 minutes before breakfast

For strengthening the Immune System, increasing glutathione, production, and assisting hepatic detoxification:

Whey Protein: Start with 1/8 tsp in 8 oz water and take it three times a day. Build up slowly as tolerated to ten grams daily in spring water.

Lipoic acid (Thiocid) 100 mg. 2 2

For strengthening the Immune System, increasing glutathione, production, and assisting hepatic and respiratory detoxification:

N-Acetylcysteine 250 mg. 2 2

To enhance healing of the spine:

Glucosamine with chondroitin 2 2

Glucosamine speeds healing of connective tissue injuries in the lung, spine and back, and reduces the likelihood of residual problems.

MSM (methylsulfonylmethane) 2 2

MSM also speeds up the healing of connective tissue injuries, including those in the back and lung, and reduces the likelihood of residual problems.

To reduce inflammatory reactions everywhere in the body, which, with the toxic load you are carrying from inhaled products of combustion, are many:

Inflammation Control 2 2

To enhance detoxification of toxic chemicals:

Garlic (Kyolic SGP) 2 2

For yeast/mold/fungus:

Sporanox 100 mg 1 0

Continue until we decide to stop.

Avoid sugars and all sugar containing foods, alcohol, white flour, limit fruit and only less sweet fruit.

Green Food:

SuperGreens as directed

Doug:

1/20/02

Please note the following changes:

- ☑ Double the thyroid dose to 50 mcg. of levothroid and take it all in the morning 15 minutes before breakfast. We hadn't gone over your thyroid lab when we talked on the phone today, but Your TSH is still high so we need to increase the dose and test again in 30 days.**
- ☑ Add Policosanol to lower cholesterol and triglycerides.**
- ☑ Change to Kyolic aged garlic and we shall see whether it causes nausea.**
- ☑ Your DHEA level is still suboptimal so increase DHEA to 100 mg. a day (four 25's).**
- ☑ I am enclosing an AdrenoCortical Stress Profile kit. Do the test right away and send it off.**
- ☑ I am enclosing a lab order for a repeat DHEA, Pregnenolone, and Thyroid**

Good talking with you today, Doug!

Timothy J. Smith, M.D.

2635 Regent Street
Berkeley, CA 94704

Voice: (510) 548-8022

Fax: (510) 843-9998

LABORATORY TEST ORDER

NAME Douglas Copp

Please fax results to patient at 1-505-281-7877

DATE 1/20/03

DIAGNOSIS

World Trade Center Respiratory and Systemic Toxicity Syndrome; hypothyroidism

- THYROID STIMULATING HORMONE (HIGH SENSITIVITY)**
- PREGNENOLONE, SERUM**
- DHEA-S, SERUM (Ideal levels: Male: 450-800; Female 300-500 mcg/ml)**

T. Smith, M.D.

5.6

Pal - D

Timothy J. Smith, M.D.
2635 Regent Street
Berkeley, CA. 94704
Phone (510) 548-8022
Fax: (707) 824-0111

Pro-green

NUTRITIONAL MEDICINE PROGRAM

FOR Douglas Copp

DATE 9/16/02

Take in:

AM

PM

Basic Supplement Program

- ✓ Renewal Research Multivitamin
- ✓ Ester-C Powerful detoxifier.
- ✓ Flax/borage caps
- ✓ Coenzyme Q-10 100 mg.
- ✓ Mixed Carotenoids

3
2
3
1
1

3
2
3
1
1

Supports respiratory healing.

For adrenal support, energy, and controlling inflammation:

- ✓ Ginseng (Panaxin) 1 1
Ginseng helps respiratory reactions, supports adrenal health and generally strengthens the entire body. Should improve energy as well.
- ✓ Adren Plus 2 2
A combination of herbs and vitamins that support healing of the adrenal glands.
- ✓ Pantothenic acid 500 mg. 1 1
- ✓ Adrenal glandular 2 2
- ✓ DHEA 25 mg. 1 1

Read DHEA Chapter in Renewal: The Anti-Aging Revolution. We will retest in a month and see if the level has come up to ideal.

For Immune enhancement and Support

- ✓ Astragalus 3 3
 - enhances all aspects of immune health
 - maintains liver health
 - exerts strong antioxidant and free radical scavenging properties
- ✓ Vitamin A Micellized 4 drops (30,000 IU) daily
Also necessary for respiratory health and healing the lungs.
- ✓ Zinc 30 mg. 1 1 Taken
off due to high hair mineral levels.
- Supports immune system healing.
- ✓ Ambrotose 4 teaspoons a day

Thyroid medication:

- ✓ Levothroid 25 mcg 1

For strengthening the Immune System, increasing glutathione, production, and assisting hepatic detoxification:

✓ **Whey Protein: Start with 1/8 tsp in 8 oz water and take it three times a day. Build up slowly as tolerated to ten grams daily in spring water.**

✓ **Lipoic acid (Thiocid) 100 mg.** 2 2

For strengthening the Immune System, increasing glutathione, production, and assisting hepatic detoxification:

✓ **N-Acetylcysteine 250 mg.** 2 2

To enhance healing of the spine:

✓ **Glucosamine with chondroitin** 2 2

Glucosamine speeds healing of connective tissue injuries in the lung, spine and back, and reduces the likelihood of residual problems.

✓ **MSM (methylsulfonylmethane)** 2 2

MSM also speeds up the healing of connective tissue injuries, including those in the back and lung, and reduces the likelihood of residual problems.

To reduce inflammatory reactions everywhere in the body, which, with the toxic load you are carrying from inhaled products of combustion, are many:

✓ **Inflammation Control** 2 2

To enhance detoxification of toxic chemicals:

✓ **Garlic (Change to SGP Kyolic to see if the indigestion stops.)**

2 2

Timothy J. Smith, M.D.

2635 Regent Street
Berkeley, CA 94704
Voice: (510) 548-8022
Fax: (510) 843-9998

LABORATORY TEST ORDER

NAME Douglas Copp

DATE 11/22/02

Fax 1-505-281-7877

DIAGNOSIS

**World Trade Center Respiratory and Systemic Toxicity
Syndrome; hypothyroidism**

Fungal Culture, sputum

T. Smith, M.D.

11/25/02
faxed

Attn: Didi Smith. 707-824 0111

- ① THIOCID
- ② INFLAMMATION CONTROL
- ③ ADREN PLUS (CONTAINS LICORICE [?]
WHICH I am allergic to)
- ④ N-ACETYLCYSTEINE (NAC)
- ⑤ Astragalus MAX-V
- ⑥ Pantothenic Acid
- ⑦ Adrenal Cortex

Doug Copp
27 Sumption Rd.
Sandia Park, NM
87047
505-281-7977

Dear Didi: ran out of the above.
can you use my credit card and send ^{to} them

11/14/02

510-843-9998

Attn: Dr Tim Smith

Address: 10601 Lomas Blvd. NE; #103
Albuquerque, NM 87112
Phone: (505) 298-5995
Fax: (505) 298-2940
Email: info@abqclinic.com
Specialty AC;AU;CT;FP;OSM;PM

Dear Tim:

Dr Gordon's #
isn't (520) - 472-4263
it is (928) - 472-4263.

old internet info:

First Name: Shirley B.

Last Name: Scott

Title MD

Address: P. O. Box 2670
Santa Fe, NM 87504

Phone: (505) 986-9960

Fax:

Email:

Specialty GE;MM;PM;YS

First Name: W. A.

Last Name: Shrader, Jr.

Title MD

Address: 2422 Camino de Vida
Santa Fe, NM 87505

Phone: (505) 983-8890

Fax: (505) 820-7315

Email: shrader2@ix.netcom.com

Specialty A;NT;Env. Med.

First Name: Annette

Last Name: Stoesser

Title MD

Address: 112 South Kentucky Ave
Roswell, NM 88201

Phone: (505) 623-2444

Fax: (505) 622-7116

Email:

Specialty A;CT;DIA;DD;FP;NT

First Name: Joseph P.

Last Name: Walter

Title MD

Address: 3415 Carlisle NE
Albuquerque, NM 87110

Phone: (505) 271-4800

Fax: (505) 271-4882

Email:

Specialty A;CT;GP;GYN;NT;PM

What do you think of this guy? maybe better for you to check him out?

I'll wait for your opinion. chelatin therapy is much more complex than I previously thought.

[Click here to return to search page](#)

60 I would prefer someone that you approve of. ^{11/12/2002} done.

TIMOTHY J. SMITH, M.D.
2635 REGENT STREET
BERKELEY, CALIFORNIA 94704
TELEPHONE (510) 548-8022

October 21, 2002

James Braden
Attorney at Law
44 Montgomery Street, Suite 1210
San Francisco, CA 94104

Re: Mr. Douglas Copp

Dear Mr. Braden:

Mr. Douglas Copp is a patient under my care who was permanently disabled as a result of multiple injuries sustained while functioning as a rescue worker at the World Trade Center collapse on September 11, 2001.

As founder and executive director of American Rescue Team International, Doug Copp has worked at every world major disaster in past 15 years. With experience in hundreds of building collapses (the WTC were buildings numbers 893 and 894) Mr. Copp is arguably the most experienced rescue worker in the world.

Mr. Copp was flown by private jet to Ground Zero on September 12, 2001, where he spent a week several floors below Ground Zero, directing his team, locating trapped individuals, and saving lives. During this time he was exposed to a toxic array of chemicals of unprecedented proportions.

Robust and athletic prior to 9/11/01, Mr. Copp had always been healthy. He was under treatment for no medical condition, and took no medications.

On September 15, 2001, having spent four days rescuing people

under ground zero, Mr. Copp first noticed, during a television interview, that his voice had changed, and that he had begun to cough. Over the next ten days he continued to experience increasingly severe respiratory symptoms, primarily cough and shortness of breath. These were accompanied by pain and tightness in the chest.

The severity of the cough, shortness of breath, and chest tightness continued to increase, and on September 27, 2001, while in Santa Fe, New Mexico, Mr. Copp experienced a severe acute attack in which he felt unable to breathe. He went to the local Emergency Room where he was treated with steroids and bronchodilators.

Since that time, Mr. Copp has continued to experience severe ongoing respiratory distress, with ongoing dyspnea, cough, and chest pain. Unable to walk even short distances without exceeding his lung's ability to supply his tissues with sufficient oxygen, he has been rendered totally incapacitated.

Although the respiratory system was most damaged and is--at least in the early stages of illness--of most acute concern, several other body systems are involved here as well. These include the immune system, adrenal glands, liver, and upper digestive tract. A further component of Mr. Copp's health problems is general body contamination caused by inhaled and dermatologically absorbed components of dust and smoke borne toxins.

History of Present Illness

Mr. Copp has received care from a number of physicians and medical institutions, including St. Joseph's Hospital in Albuquerque, and Dr. Henry Garcia, a family practitioner who has seen him on a more or less monthly basis. Mr. Copp's respiratory disorder has been treated as if it were asthma and bronchitis, using conventional medications such as Advair discus and Allbuterol. He has been given inhalers, prednisone,

and antibiotics, but with only marginal success in controlling the symptoms. Prednisone has been effective at suppressing the abnormal immune responses, but the price to be paid in weight and water gain, bone mass and muscle loss, mental symptoms, immune system suppression, and adrenal atrophy has been detrimental to his overall health and decreases the probability of complete recovery, so he has aggressively attempted to wean off of steroids.

Mr. Copp takes the blood pressure medication Tiazac 120 mg. daily for hypertension of unknown (but presumably WTCS) origin. He had no hypertension prior to 9/11/02. He receives 0.25 mg Synthroid daily for hypothyroidism. He was seen by Dr. Richard Radecki, physical medicine, and a Dr. Hinds (no specialty indicated), but was not fully worked up because an MRI could not be performed due to metal in his lungs.

Current Symptoms, Signs, and Complaints

- High Blood Pressure, only partially controlled by medication
- Low thyroid
- Blurred vision
- Heartburn
- Sinus blockage
- Dry eyes
- No libido
- Water retention and bloating
- Stomach extended
- Disorientation
- Difficulty concentrating
- Constant pain in chest
- Inability to walk farther than 30 to 40 ft without resting
- Difficulty speaking with out prolonged breaks for breath
- Weight increase
- Frequent urination

- Difficulty sleeping
- Constant sense of chest spasm
- Hyperventilation
- Extreme reactions to heat and stillness of air
- Extreme reactions to cigarette smoke, air pollution, ambient volatile chemicals
- Frequent chest, upper left arm pain which feels like a heart attack
- Earaches
- Reduced hearing
- Irritability
- Feels lousy...and "just plain sick"

Current Medications

- Prednisone
- Xopenex 1.25 mg with nebulizer as needed for acute bronchoconstrictive attacks.
- Albuterol Inhaler
- Intal Inhaler
- Advair discus
- Synthroid

General Toxicity

The complex and unique mixture of toxins presented by the WTC collapse is unprecedented in human history. The environment to which Mr. Copp was exposed was a mixture of vapor, smoke, and very fine particles that originally made up the materials of the WTC, its contents, and the aircraft that struck it. A complete listing would include tens of thousands of chemicals: cement, glass, asbestos, superheated volatilized polyvinylidene chloride (PVC), polyethylene, acrylonitrile-butadiene-styrene (ABS), reinforced thermosetting resin pipes (RTRP), vinyl coated wiring, carpet, office furniture, hydraulic oil, fuel oil, diesel fuel, jet fuel, cement and drywall dust,

organic particulates from burning plastic such as polyvinyl chloride, polychlorinated biphenyls (PCBs), dioxins and other polynuclear aromatic hydrocarbons, thousands of combustion product chemicals, airplane components, burning human bodies, and vaporized toxic metals such as lead, copper, cadmium, tin, iron, steel, mercury.

The combined effect of these toxins is impossible to assess, but it is safe to say that all organs and tissues would be adversely affected. The respiratory system, immune system, upper digestive system, and central nervous system are hardest hit. There are both short and long term effects. Mr. Copp evidences symptomatology of the adverse effects of this toxic mixture on his respiratory system, upper gastrointestinal system, CNS, adrenal glands, and liver.

Respiratory System

Of the several injuries sustained by Mr. Copp, the most most severe and disabling is the damage to his respiratory system. He is experiencing ongoing toxicity due to thousands of xenobiotic molecular forms, many more than in any previous disaster. The damage caused by these chemicals to the immune cells that line his respiratory epithelium has resulted in chronic hyperreactivity to low level allergens and lowered resistance to microbial exposures.

The most acute effect of toxic exposures from the WTC is felt at the respiratory level. As noted above, Mr. Copp experiences ongoing severe respiratory distress with cough, chest pain, shortness of breath, zero exercise tolerance, and severe dyspnea on minimal exertion, and acute bronchospasms triggered by allergic reactivity.

Since the initial episodes (described above), Mr. Copp has had continuous shortness of breath, punctuated by frequent episodes of severe reactive airway disease with bronchospasm.

He has been continuously unable to breathe normally and has frequently required emergency medical attention and the administration of systemic steroids.

This patient's severely compromised baseline respiratory function is exacerbated by any activity. He can walk no further than 30 feet without having to rest to catch his breath.

Mr. Copp has also experienced continuous chest pain, and a deep and at times paroxysmal cough that will not subside. Any physical activity exacerbates this chest pain. He always feels on the verge of another acute attack, and must keep his attention focussed on his breathing in order to avoid precipitating another attack. His inflamed respiratory system has become exquisitely sensitive to small concentrations of allergens and irritants that would formerly have caused no problem. For example, a small amount of cigarette smoke once triggered an attack that sent him to the ER.

Immune System

It has been well established that exposure to xenobiotic (foreign to living systems) toxins causes immune dysfunction. In Mr. Copp's case, these foreign chemicals caused tissue damage, immune dysfunction, and probable endocrine effects. This aspect of his disease has not been adequately addressed.

In the respiratory epithelium and elsewhere, xenobiotic exposure has altered protein molecules in his respiratory tree, causing subsequent autoimmune reactions in which the altered proteins are mistaken by his immune cells as foreign and then attacked by antibodies, natural killer cells, and macrophages. The resulting inflammatory reaction manifests in Mr. Copp as chronically inflamed respiratory tissue, shortness of breath, and chronic cough.

Exposure to xenobiotics (including the initial exposure, ongoing

low level exposure, and exposure from xenobiotics released from fatty tissue stores) also causes immunostimulation, which results in spurious immune attacks on normal body proteins. This further inflames the respiratory cells, lowering the threshold for bronchospasm and cough. The autoimmune reactive symptoms and damage to normal protein activate complement cascades which cause more local tissue injury and further lower the threshold for bronchospasm and cough.

Exposure to xenobiotics also causes a kind of immunodepression that leads to loss of the immune system's normal surveillance function, leading to increased risk of infection and neoplasia.

I have ordered a Comprehensive Immunotoxicology Panel which will elucidate which toxic chemicals or chemical groups have evoked an immunotoxic response. These tests will also tell us the specific amounts of chemical antibodies in Mr. Copp's system, whether the immunotoxic symptoms he is suffering are being primarily expressed as immunosuppression or immunoactivation, and the degree of toxicity or immuno-injury he has sustained. After evaluation of these results, we may make further recommendations to further clarify the full extent of this patient's immunotoxic condition.

Exposure to xenobiotic chemicals can also alter immune function by damaging the hypothalamus, altering the endocrine system's ability to properly regulate the immune system. We are performing tests that will determine the extent to which this is occurring in Mr. Copp.

In a scenario where the body's detoxification and excretory capacities are exceeded (as in the WTC exposure), xenobiotic matter that could not be excreted is moved in fatty tissue storage areas from which they are gradually released over time. This gradual release continues the immune challenges described above, and, coupled with ongoing daily low level environmental exposures to antigenic and allergenic airborne

materials, continues to aggravate the immune dysfunction.

Adrenal Glands

The adrenal glands are assigned the task of handling all kinds of stress. The broad based chemical stress caused by ongoing internal exposure to the toxins listed above has had a profound effect on Mr. Copp's adrenal functioning. The inflammatory reactions caused by these chemicals have overwhelmed his adrenals' capacity to respond. Additionally, the oral corticosteroid medications necessary to control his bronchospasm attacks have placed an additional burden on normal adrenal functioning. Adrenal testing is in progress to establish the degree of compromised adrenal functioning.

Fractured lumbar vertebrae; low back pain

While negotiating the subfloors of the World Trade Center, attempting to locate trapped people, Mr. Copp slipped on a thin layer of dust that covered the surface of a tilted piece of polished marble. Unable to grab hold of anything for fear of creating a further collapse, he fell several feet, damaging at least two vertebrae in his lumbar spine. Since this fall, he has experienced ongoing neuropathic symptomatology, including lower back pain, numbness and tingling in the buttocks, perineum, left foot, and posterior left leg. An MRI has been impossible because of the magnetic metals in his lungs from inhaled dust and smoke. He will need surgery, and has been referred to Dr. Serena Hu of the orthopedic surgical unit at the University of California San Francisco Medical Center. Compromised respiratory function may render him a poor surgical risk. Currently, he has moderate to severe back pain on an ongoing basis, and can only walk short distances without an exacerbation of this pain.

Liver and Detoxification

The toxins to which Mr. Copp was exposed were initially absorbed through the skin and lungs, and sent to the liver for processing. Since this was certainly a liver overload situation, some toxins were partially processed by the liver while others were stored for future processing primarily in the liver and fatty tissues. These are being slowly released back out into his bloodstream and present an ongoing immunological problem.

We are currently attempting to assess tissue levels and degree of damage done by the various contaminants. A deluge of foreign chemicals such as experienced by Mr. Copp would be expected to place great stress on hepatic Phase I and Phase II detoxification enzyme systems, possibly damaging these systems or (in the case of a Phase II deficit) creating systemic overload of partially processed toxic Phase I metabolites. These fail to be immediately processed by Phase II enzymes and so go back out into the general circulation, causing cellular damage, immune system damage (see above), interference with enzyme systems, while lowering the threshold for respiratory allergic reactivity. Additionally, the toxic burden from WTC exposure placed great burden on Mr. Copp's hepatic cellular detoxification and free radical scavenging enzyme systems, primarily glutathione peroxidase, superoxide dismutase, and coenzyme Q-10.

Chemicals such as mercury, chlorinated biphenyls, or benzene ring derivatives (to name just a few) may destroy or paralyze different natural detoxification enzyme systems triggering hypersensitivity to minute amounts of chemical exposures. It has been well established that a broad spectrum of toxins has the potential to damage detoxification enzymes, impairing the body's ability to expel xenobiotics.

A Comprehensive Hepatic Detoxification Profile (currently in process) will provide information regarding damage caused by

toxins due to free radicals and oxidative stress, and adequacy of hepatic detoxification enzyme systems.

Diagnoses:

1. World Trade Center cough and syndrome (WTCS)
2. Reactive airways dysfunction syndrome (RADS)
3. Hypersensitivity pneumonitis
4. Immunotoxicity secondary to xenobiotic exposures
5. Allergic respiratory hypersensitivity triggered by WTC smoke and dust, causing local immune cell damage with subsequent hypersensitivity to smoke, dusts, molds, volatile compounds and other ambient allergens ~~previously not allergenic to this individual~~
6. Upper respiratory allergies, primarily allergic sinusitis
7. ~~Asbestosis~~
8. Fractured lumbar vertebrae
9. Lower extremity pain, numbness and paresthesias
10. Lowered adrenal reserve
11. Steroid induced adrenal atrophy
12. Post-traumatic stress disorder
13. Hypothyroidism
14. Hypertension

Plan:

Considering the severity and extent of injuries, Mr. Copp has had fairly minimal care. The medical attention he has received has been administered on a fairly symptomatic basis, with little attention to complete diagnosis and coordination of therapeutic efforts. His debilitating respiratory disease has not been seriously addressed by a pulmonologist. Though his respiratory and systemic problems are closely related to immune functioning, he has not been seen by a specialist in immunology. Mr. Copp's low thyroid and high blood pressure have never apparently been fully tested, nor evaluated by an

endocrinologist. His back pain and neurological symptoms have not been fully diagnosed, and there is no treatment program in place, despite more than a year having passed since his injury. He is very much in need of CT imaging, and a complete workup by an orthopedist and neurologist.

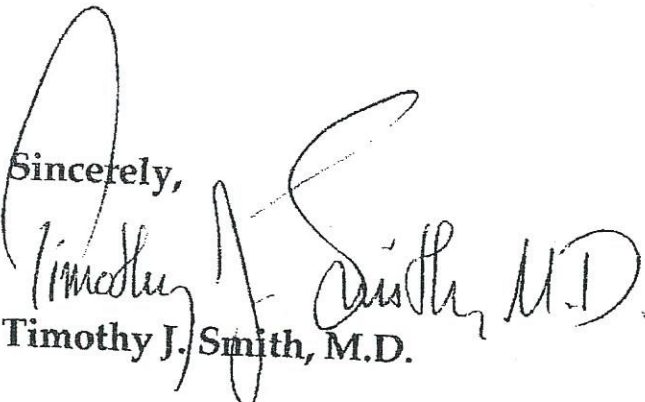
If Mr. Copp were improving, the level of care received thus far might be acceptable, but his condition is deteriorating, and he is in great need of a coordinated, aggressive, and thorough program of diagnosis and treatment.

Specifically, I recommend the following:

- Complete workup by a pulmonologist, preferably one with extensive experience in WTCS disease
- A CTScan of the lumbar spine
- Orthopedic surgical consultation by Serena Hu, M.D. at the University of California Medical Center, San Francisco
- Coordinated neurological and neurosurgical consultations
- Spinal rehabilitative care including physical medicine, osteopathic medicine, acupuncture, and surgical intervention if indicated
- Complete immunological and immunotoxicological testing
- A full thyroid and endocrinological workup
- Closer management of thyroid, blood pressure, and pain medications
- Testing to assess liver detoxification enzyme systems and free radical load
- A program of systemic detoxification including phytomedicines that support hepatic detoxification
- A broad spectrum nutritional medicine program designed to restore health to his immune system, respiratory system, liver, detoxification system, and back.

This gentleman deserves optimum medical care for the injuries he sustained by placing his own life at risk while selflessly attempting to save the lives of others.

Sincerely,


Timothy J. Smith, M.D.

Timothy J. Smith, M.D.

2635 Regent Street
Berkeley, CA 94704
Voice: (510) 548-8022
Fax: (510) 843-9998

LABORATORY TEST ORDER

NAME Douglas Copp

DATE 11/22/02

Fax 1-505-281-7877

DIAGNOSIS

**World Trade Center Respiratory and Systemic Toxicity
Syndrome; hypothyroidism**

Fungal Culture, sputum

T. J. Smith, M.D.

Timothy J. Smith, M.D.

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Berkeley, CA 94704

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Fax: (510) 843-9998

LABORATORY TEST ORDER

NAME Douglas Copp
Fax 1-505-281-7877

DATE 10/3/02

DIAGNOSIS

World Trade Center Respiratory and Systemic Toxicity Syndrome; hypothyroidism

- PLEASE FAST FROM MIDNIGHT THE NIGHT BEFORE TEST
- COMPLETE BLOOD COUNT WITH DIFFERENTIAL
- CHEMISTRY PANEL, SERUM
- URINALYSIS
- LIPID PANEL
- TESTOSTERONE, SERUM
- THYROID STIMULATING HORMONE (HIGH SENSITIVITY)
- FREE T-3
- TOTAL T-3
- FREE T-4
- TOTAL T-4
- PREGNENOLONE, SERUM
- DHEA-S, SERUM (Ideal levels: Male: 450-800; Female 300-500 mcg/ml)
- PSA

THE FOLLOWING TESTS REQUIRE SPECIAL ATTENTION:

- IMMUNOTOXICOLOGY PANEL TO IMMUNOSCIENCES LAB, BEVERLY HILLS, CA, (1-800-950-4686) (specimen requirements: 1 red top, 1 lavender, 1 yellow, saliva, urine)
- FUNGAL ANTIBODIES PANEL 2 TO IMMUNOSCIENCES LAB, BEVERLY HILLS, CA, (1-800-950-4686)
- COMPREHENSIVE DETOXIFICATION PROFILE INCLUDING OXIDATIVE STRESS PROFILE TO GREAT SMOKIES LAB (1-800-522-4762). WE SUPPLY KIT. READ THE ENCLOSED DIRECTIONS AND FOLLOW CAREFULLY. REQUIRES OVERNIGHT FASTING BLOOD SAMPLE, AND 10 HOUR URINE SAMPLE. TAKE KIT TO LAB TO GET BLOOD DRAWN AS DESCRIBED IN DIRECTIONS. EITHER YOU OR DRAWING LAB CAN CALL AIRBORNE EXPRESS TO PICK UP SAMPLE.
- Please note that some laboratories will not do send specimens to other labs. If we have ordered a test the requires "Special Attention," (as above), call ahead to make sure your drawing lab will send the specimen to the specialty lab.
- For significantly lower prices use Lab One: 510-845-5170 or 1-800-646-7788. If you have sendout kits, call ahead and ask if they will do specimen sendouts.

T. Smith, M.D.

*Office 570***Timothy J. Smith, M.D.**

2635 Regent Street

Berkeley, CA 94704

office: Voice: (510) 548-8022 *home*

Fax: (510) 843-9998

707-331
4590**LABORATORY TEST ORDER**NAME Douglas Copp

Fax 1-505-281-7877

DATE 10/3/02**DIAGNOSIS**World Trade Center Respiratory and Systemic Toxicity Syndrome: hypothyroidism

- PLEASE FAST FROM MIDNIGHT THE NIGHT BEFORE TEST
- COMPLETE BLOOD COUNT WITH DIFFERENTIAL
- CHEMISTRY PANEL, SERUM
- URINALYSIS
- LIPID PANEL
- TESTOSTERONE, SERUM
- THYROID STIMULATING HORMONE (HIGH SENSITIVITY)
- FREE T-3
- TOTAL T-3
- FREE T-4
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T. Smith, M.D.*TRICORE LABS
841-1177*

American Rescue Team International
World Headquarters
PO Box 534, Sandia Park, NM, 87047, USA

<http://www.amerrescue.org>

check website for verification

amerrescue@aol.com

voice: 505-459-1345, fax/message: 505-281-7977

'The world's most experienced and technologically advanced rescue & disaster mitigation-management organization with associated members in 55 countries'.



ATTN: DR Tim Smith

I really enjoyed meeting with you and am very pleased that you are helping me. I feel very confident that solutions will be found. I can't thank you enough...

Here is my current intake:

Advair 500 mg., twice a day,
Albuterol, as needed,
Predisone 10 mg per day,
Levothyroid, .25mg per day,
Tiazac, 180 mg per day
Oxycodone, as needed (seldom)

Manna Cleanse 4 per day
Sport (mannatech) 4 per day
Immuno start 4 per day
Catalyst 4 per day
Phytaloe 4 x 1/2 teaspoon per day
Ambrotose 4 x 1 teaspoon per day

An assortment of vitamins:

Vitamin E, C, Calcium, fish oil, multivitamin, etc..

My number on my boat is 510-523-5493. I have an intern, from Japan, in Albuquerque. She is at 505-281-7977 and can reach me or take a message for me.

And thanks for your book!

Best Regards,

Doug Copp

A handwritten signature in black ink, appearing to be 'Doug Copp', written over a horizontal line.