

In Their Own Words

Or: Symptoms of Morgellons and Neuro-cutaneous Syndrome (Ncs) Upon First Examination at the Parasitology Center, Inc. (Pci)

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Abstract

Upon first examination at Parasitology Center, Inc. (PCI), Scottsdale, Arizona, prospective Neuro-cutaneous Syndrome (NCS) and Morgellons patients are required to fill out a Requisition Form in which they are asked to describe their symptoms. The body of this article is a compilation of statements by 166 patients in their own words, describing their symptoms at the time, the cause for initiation of their examination and treatment. Those patients that have followed our protocol have invariably recovered, and have been published. This article serves as an awareness call for those suffering comparable symptoms but have not managed to find out where to go for help.

Introduction

The terms Morgellons, and Neuro-cutaneous Syndrome (NCS) as characterized by Amin (2001-2009) are used interchangeably, yet cautiously, as their symptoms are very similar. While Morgellons has never been researched, the etiological agent(s) and remedies have never been identified, these factors for NCS have been well researched and published in refereed medical journals (see below) and patients have been successfully treated. Only a few highly speculative accounts of a wide assortment of purported infectious agents for Morgellons have been published in non-refereed obscure publications, and no Morgellons patients have ever been helped.

*At the **Parasitology Center, Inc. (PCI)**, we have been researching NCS since 1996. Our early reports on this syndrome included the description of a case with many facial opportunistic infections from Oklahoma (Amin, 1996) and the first naming and diagnosis of the syndrome from 3 more cases, with a special reference to fibers and springtails (Collembola) (Amin, 2001). By 2003, we were able to provide a comprehensive diagnosis of NCS and establish the link to dental toxins as the causative agents. Amin (2003) clarified the nature of action of dental liners (bases) in the causation of NCS neurological and dermatological symptoms and provided the history of 3 NCS patients who have recovered fol-*

lowing treatment thus establishing a cause-effect relationship. Various versions of this landmark publication were subsequently published elsewhere (Amin 2004 a, b, 2006 a).

The above contributions were researched and published, and patients were successfully treated long before we discovered a similar clinical entity called Morgellons. The only difference is that we, at PCI, have done the research, established a causal relationship with dental toxins, developed a protocol, and successfully treated patients.

Most people have had dental work. Many have various degrees of sensitivity to some dental materials to which their bodies manifest varied intensities of symptoms. This epidemic-in-disguise has been routinely misdiagnosed by medical professionals who often label patients as delusional because of their unfortunate description of their neurological symptoms (actually caused by nerve damage) as having been caused by parasite infections. Amin (2004 c) specifically addressed this issue while discussing the clinical history of 24 NCS patients. Of these patients, 7 who have followed our protocol and completed treatment, by the time of publication, have experienced full recovery.

Amin (2005) provided an annotated list of about 400 dental materials that have been involved in the causation of NCS symptoms in patients that we have seen. Toxic ingredients common to all listed chemicals were classed in 4 categories. These categories are found in many more dental chemicals that were not reported in Amin's (2005) preliminary list but exist in our data base. An overview of NCS (Amin, 2006 b) made special reference to organ system symptomology in 50 patients of both sexes and all age groups, misdiagnoses, storage organs, liners, drug involvement, incubation period, and recovery, with a detailed discussion of 5 relevant cases. Amin (2007) further analyzed 18 new NCS cases that have been in various stages of treatment and recovery and have demonstrated that those patients that have followed and completed our protocol have invariably recovered. Among patients experiencing recovery, 15 have shared their experience and perspectives (Amin, 2009). Requisition Form statements from 166 NCS patients describing their initial symptoms when first seen at PCI appear below.

Results

The following is an alphabetical listing of patients by abbreviated first and last names, their age when first seen at PCI, sex, state, and date of examination, and their statements, verbatim:

1. **JA, 48, female, Texas, 12/5/06.** Horrible itching, crawling, “pricks” sores-lesions from scalp to feet 4 ½ years sores with a hard white core or hard white core with a dark spot on it, or is totally a funny shape, looks like springtails I saw on the internet.
2. **CA, 33 yr, male, Arizona, 5/14/09.** Fever, itching and serious bites all over arm and legs.
3. **FA, 43, male, Texas, 4/6/09.** Something crawling on skin, fibers flying around me, dry spot on mouth, skin irritations, and sores.
4. **CB, 51, female, Nevada, 2/27/08.** Tracks, wrinkles, swollen eyes, ankles, glands, veins, pain, blotchy skin, face pain (headaches), weight gain, and pain in feet.
5. **TB, 55, female, Texas, 1/11/07.** Slow healing skin lesions, brain fog, difficulty processing thoughts correctly, hair loss, vision problems, mood changes, fibers in skin, possible parasites, fatigue, and hair loss developing since 1995.
6. **RB, 59, female, Washington D.C. 10/17/02.** Insect bites, insects sprayed, worms with many colors: transparent, black, red, light yellow colors to dark tones. Worm runs if you try to take it out.
7. **CB, 37, female, Arizona, 8/29/05.** Flu-like symptoms, no energy, then small and large red bumps on face chest area and back in the beginning. Feet swell for a whole year. Eyes hurt with discharge on ear and sores inside of lobe.
8. **MB, 67, female, Maryland, 10/17/02.** Bites, tracks, rashes, deep lesions in nose and sinus.
9. **NB, 47, female, Pennsylvania, 9/5/06.** Itching anus, bugs coming out of body.
10. **RB, 39, male, Pennsylvania, 1/24/06.** Flu-like symptoms, hot cold flashes, head sweats, swelling of feet, legs, forearm, neck, head tingling, dizziness, pin-pricks, foot drainage, ear drainage, and sporadic muscle pains.
11. **CB, 58, female, California, 6/9/05.** Symptoms began 8/2/03 feeling of something moving from my feet to my head.
12. **AB, 46, female, Oregon, 5/1/07.** Difficulty digesting food, stools soft, gas, skin itching, pain right abdomen mostly with intermittent sharper pain throughout. Difficulty with memory, names, big cough in head, headaches, right ear pain, and vision difficulty.
13. **JB, 38, female, Nevada 6/27/06.** Fibers, sore feet, irritated eyes, and movement sensations.
14. **DB, 37, female, Arizona, 6/13/08.** Weight changes, extreme weakness, fatigue, decreased bone density, muscle mass, brain fog, memory problems, edema, skin and nail changes, sore in head, face and body, red spots on body, and difficulty breathing.
15. **JB, 36, female, Colorado, 8/1/06.** Sores on scalp. Used to have sores on face that wouldn't heal now they are more frequent.
16. **DB, 42, female, Arizona, 11/28/06.** Tracks, non-healing sores, crawling sensations, hair loss, brain fog, memory problems, weight loss, objects removed from sores.
17. **DB, 37, female, California, 12/12/02.** Ulcerated rash over body, black pimple size, black scattered scabs.
18. **JB, 29, female, Arizona, 11/24/03.** Open sores on chin, extreme swelling, pain, high fever, malaise, joint pain in wrist, weight loss, and rash on right side of body.
19. **SB, 39, female, Nevada, 4/16/09.** Nausea, 3 months everyday. Diarrhea everyday for one year, headaches, 3 months everyday. Secretions out of mouth, nose, eyes, ears, back bottom of feet, 85% hair loss over 1 ½ years (grown back). Sores on face, head, back, legs, very itchy, and unable to sleep or eat.
20. **VB, 62, female, Arizona, 1/27/05.** Bites and itching.
21. **MB, 49, male, California, 9/6/05.** Visual movement under my skin, painful lesions on my face, swelling feet and ankles, and constant sniffles.
22. **MB, 59, female, California, 2/28/06.** Pin-prick, crawling sensations, and movement sensations.
23. **RC, 46, male, California, 5/15/03.** Body mites, intense biting, sharp pricks on thighs. Had crystal-like nuggets at the hair follicles right at the onset.
24. **HC, 29, female, Arizona, 6/23/03.** Cysts and worm like things under my skin and ear.
25. **NC, 51, female, Nevada, 1/22/09.** Biting of tissue under skin, tunneling.
26. **JC, 47, female, Florida, 6/21/05.** Itching vaginally, crawling sensations in rectum and vagina, sometimes with white particles. Sores on legs with pus and white lint like pieces coming out of them. Severe muscle pain.
27. **CC, 55, male, New Jersey, 10/6/08.** Bites, lines in skin with implanted bugs, open type bites, hair like feelings on my face and eyes and nose in and out all around.
28. **SC, 31, female, Mississippi, 10/29/07.** Painful itchy sores on face that don't heal, some seem to tunnel and connect with others, some places seem to have excess hair. September 2007: broke out with extremely itchy rash on arms from shoulders to wrist and legs from mid-thighs to ankles.
29. **NC, 51, female, Arizona, 7/15/04.** Rash, sores all over body, very high fever 104° plus, extreme fatigue, body aches, headaches, could only lay down and sleep.
30. **AD, 51, female, Arkansas, 9/11/09.** Biting on skin, with white and black and red colors.
31. **AD, 49, female, Arizona, 4/28/09.** Bugs coming out of my hair and skin, they are in my nose and ears as well.

32. **JD, 31, male, New York, 7/26/07.** Hair loss, itchy scalp.
33. **BD, 57, female, Louisiana, 12/19/06.** Skin pimples, movement in head and on scalp and face.
34. **SD, 57, male Arizona, 8/23/04.** Teeth and gums (lesions between several teeth where old dental work is). Skin sores, hair loss, weight loss, painful itchy skin all over, heat sensitivity (extreme), parasites visible on skin especially when hot.
35. **OD, 47, female, California, 4/27/06.** Skin crawling, pin pricks, needle like stabbing sensations on body. Also a sense that something that is too small to be seen by the eyes on my face, nose and in my hair.
36. **LD, 40, female, Indiana, 3/26/07.** Constant movement 24/7 in face. Vertically and horizontally pin pricking crawling sensations.
37. **AE, 52, female, North Carolina, 2/9/09.** Sinus pressure and pain (not daily) left ear pinches on and off, left eye feels like something is in it and there is sometimes a discharge. When sinuses are hurting, sometimes glands feel swollen. Funny taste in mouth and tongue on occasion. Most pain is on right side. (same side 2 amalgam fillings are located).
38. **BE, 43, female, California, 3/27/07.** Feels like something is moving in head, occasional fever and weakness, diarrhea.
39. **DE, 47, female, Arizona, 1/5/06.** Pin-prick, movement sensations, lesions, open sores, oozing sores.
40. **SE, 46, female, California, 1/22/08.** Skin breakout looks like pimples, bleeding cystic white, possible white larva or eggs, crawling and itching sensations.
41. **LE, 47, female, Nevada, 3/24/05.** Facial and neck breakout with crawling sensations along jaw area. Crawling sensations in full body. Black specks coming out of skin along with white bumps coming out. Skin looks and feels strange and blotches turn purple to almost black.
42. **MF, 41, female, Arizona, 5/29/09.** Weight loss, muscle and bone pain, lumps come and go, blood in urine, seizures. Abdominal bloating. Sensation of things moving, biting, bruising, vision, hearing, headaches, dizziness, and paralysis.
43. **VF, 42, female, California, 8/9/05.** Itchy skin, rash, night time itching worse, burning feet at night, heavy feet and ankles, crawling sensations, pin-prick and poking feelings.
44. **GF, 56, male, Georgia, 4/27/09.** Impaired hearing, and sight, joint movement, memory loss, sores and lack of energy.
45. **PF, 26, male, Arizona, 11/20/06.** Pain in groin, red spots after swimming in pool in Thailand, lesions in mouth. Teeth become sensitive, pain in abdomen with lesions on arms, and back.
46. **LF, 52, female, Minnesota, 4/19/07.** Lesions on scalp and other outbreaks on body, itch, blood and particles are expelled. Losing hair and developing bald spots.
47. **MF, 53, female, London, England, 1/26/05.** Pin-prick, biting, and scratching sensations. Apparent house, clothing and pet infestation (springtails).
48. **WF, 60, male, New York, 11/12/07.** Rash, movement under skin, and pinprick sensations.
49. **JF, 55, male, Arizona, 1/29/08.** Sores, some healing by now, bites and scratches.
50. **EF, 30, female, Arizona, 7/14/05.** Itching, crawling, sores don't heal, and some blood in anus.
51. **RF, 47, male, Pennsylvania, 11/20/08.** Legs turned brownish from knees to ankles about 1 ½ years then itchy head and dandruff rash near groin and buttocks. Small tiny white black and tan things coming off body. Feels like things all over body and very bad in hair.
52. **BG, 41, male, New Mexico, 4/17/03.** Burning eyes, skin lesions forming raised circles, nasal congestion, recurrent upper respiratory infections, weight loss, fatigue, food allergies, mal-absorption, gas, memory loss, blurry vision, and burning red face.
53. **LG, 35, female, Arizona, 6/10/08.** June of 2007, symptoms: rash on arm, ear and abs, after treatment spread everywhere. Next treatment for yeast did not help then in August, 2007 for scabies, followed by 4 more treatments of the skin.
54. **DG, 56, female, New Jersey, 1/26/06.** teeth and gum erosion, large veins, red skin, insomnia, restlessness, blurred vision, breathing problems, lesions, mottled skin, crawling, itching, scratching, small red pimples, hair loss, fibers, black specks, salt-like crystals, black eyelashes, fibers, intestinal upset, parasites and worms coming through skin, and urinary tract problems.
55. **MG, 29, female, New Mexico, 1/27/03.** Little crawlies on me and my family. I really can't see them. Sometimes are worse than others.
56. **KG, 51, female, California, 5/31/05.** Skin lesions like Morgellons Syndrome, worms on skin, weight loss, back pain, and upper quadrant pain.
57. **SG, 50, female, Nevada, 4/17/06.** Severe itching, black debris comes out of skin, crawling sensations in face and legs. Lesions getting worse, fibers emerging from skin. Hair extremely full of static and pin-prick sensations.
58. **TG, 40, female, Arizona, 2/3/03.** Itching rash, bumps, spreading particles (hard) inside skin.
59. **TH, 44, female, Arizona, 6/27/05.** Skin rashes, biting, crawling sensations, black specks, and glitter flecks.
60. **CH, 50, female, New Hampshire, 3/26/09.** Indigestion, itching, and skin eruptions.
61. **CH, 53, female, Ohio, 11/13/07.** Rashes bite marks, visible parasites, itching.
62. **MH, 51, female, California, 4/5/07.** Gastrointestinal, bloated abdomen, gas, tingling-under left rib cage, teeth grinding, white ring around navel comes and goes, sweating, and sometimes a red rash around rectum.

63. **TH, 47, male, Arizona, 9/23/08.** Skin bumps, itching, crawling, bites on scalp and sometimes other body areas such as arms, legs, chest, stomach, crawling feeling on scalp. Started in 2003 while renting a room in California, cats were in the house.
64. **DH, 58, female, Hawaii, 5/12/03.** September 19: mosquito bites (possibly another insect), very painful, skin came off while drying from shower, infected, would not heal in over a month. October 16: itching, black specks.
65. **DH, 32, male, California, 4/17/03.** Tangling of hair, "stitched" pattern in a linear fashion with raised nodules. Excess skin on finger and toes, and webbings. Arthritis in elbow, wrist and fingers, loss of dexterity in thumbs. Lesions on head and hands.
66. **DH, 46, female, Arizona, 11/17/05.** Itching, burning, gas, bloating, sleep apnea, anxiety, nervousness, memory loss, foggy thinking, IB, leaky gut, constipation, poor digestion, mal-absorption, fatigue, adrenal exhaustion, food allergies, and weight gain.
67. **GE, 48, female, Arizona, 7/16/07.** Scalp loss of hair, itch, smell, very dry scalp, and facial itch and odor after 2-3 hours of shower.
68. **RH, 36, male, Washington DC, 3/25/08.** Intense itching and crawling sensations around nose, arms, legs, groin.
69. **GJ, 29, female, California, 4/22/08.** Extremely poor digestion, fatigue, itching, and parasites.
70. **DJ, 55, female, Arizona, 2/23/06.** Pin-prick and crawling, movement sensations.
71. **NJ, 47, female, California, 9/9/09.** Hookworm for several years, you can see the damage by looking at my skin all over body, Morgellons, and NCS, weak in physical activities, can not work, I have secretion fluid discharging from body, and my heart gets very tight.
72. **PJ, 52, female, California, 10/18/05.** Skin irritations, non-healing, hard covers that do not go away, open oozing fluid under skin, red circles, then hairless then drying and hairs from sores, too much to put here.
73. **PJ, 29, female, Nevada, 8/16/07.** Fatigue, stiff neck, flu-like symptoms, mental awareness problems, and fibers.
74. **EJ, 33, female, Netherlands, 4/26/04.** Painful sores moderate in intensity, also moderate bumps, pin-prick, crawling sensations, and loss of memory. Some intestinal abnormalities, bowel disturbances along with breathing disturbances. Gum tissue gray, dental decay, moderate reaction around electro-magnetic fields, insomnia, psychological trauma, night fever and sweats.
75. **MK, 59, male, Kentucky, 12/17/08.** Spider bite-like bumps that sting itch, oozing clear liquid that builds up plus very painful, must be drained daily. Lesions that last 3-4 months, can't sleep, skin super sensitive.
76. **GK, 31, male, California, 3/6/06.** Scurrying sensations on scalp, scalp lesions, and hair loss, unrelated to genetics.
77. **BK, 37, male, Arizona, 2/12/07.** Itchy non-healing red sores, clear-opaque pouches, long blisters that form white or green worms on head, feet, tongue and eyes. All parts of body in moderate to extreme pain with movement under skin. Small to large insects crawling in and on skin that bite.
78. **JK, 43, male, Arizona, 5/24/07.** Crawling sensations on scalp in nostrils in ears and at end of feet.
79. **WK, 35, male, (MS), seen on 8/6/03.** Moving sensations on skin and black specks on skin after sweating or cleaning.
80. **KK, 27, female, California, 12/8/05.** Burning painful stinging skin, vibrating and ringing in head like holding on to electric wire.
81. **JK, 54, female, Wisconsin, 3/16/04.** Sores began in early or mid 1990's but parasite infestation began last summer, I realized this in late July or early August. I have been battling these bugs ever since. Now they are more of the problem from the initial sores.
82. **LK, 47, female, California, 11/6/04.** Chronic itching rashes on and off. Feeling like bugs are crawling or jumping all over me (3-4 years). Bitten 6-7 times by a bug with a needle that leaves a red pimple, never saw the bug on and off. Pain in knee, pain in other areas, neck, head and jaw. Clothes get contaminated as well as furnishing with something that grows.
83. **EL, 26, female, Colorado, 7/19/07.** Crawling, tingling, burning sensations, brain fog, exhaustion, no specific times, TMJ, teeth decay.
84. **SL, 40, female, California, 8/31/09.** Biting, crawling and itching; possibly have fibers.
85. **BL, 50, female, Arizona, 1/8/08.** Anemia, edema, eating disorder, malnutrition, headaches, yellow sac back of throat, mouth skin gray, numbness, tingling hands, fatigue, and concentration trouble, constipation, severe lesions and tracks and sores with bugs. Paralysis, bug from ears, sputum with black specks, itching movement in legs, chest, vertebra, buttocks, arms, for over 1 1/2 years. My primary care Dr: "I'm delusional."
86. **CL, 49, female, California, 11/6/07.** Skin lesions, diarrhea, stomach pain, anal tickling, tickling and crawling sensations all over with bruising.
87. **DL, 45, female, Arizona, 3/6/08.** Skin inflammation with muscle hurting.
88. **FL, 42, male, California, 6/1/06.** Rash, swelling, unidentified fibers from lesions, parasites, crawling skin, skin turning colors (purple, black).
89. **RL, 53, female, Arizona, 6/20/06.** Something coming out of scalp, small and large when apply medicine or take vitamins. Squirming out or crawling from the top of head or scalp. In past, small things falling from vaginal area.

90. **JM, 61, female, Kentucky, 9/12/05.** Open lesions and filaments, swelling ankles and feet.
91. **MM, 56, female, California, 6/26/08.** Worms in scalp, worms under skin, worm eggs, parasites in stool and in urine.
92. **MM, 52, female, Arizona, 6/26/07.** Biting, itching and stinging lesions on chest, stomach, and feet. Rash on chest and legs (upper). Some biting on upper neck behind ear, feet, genital area (minor) with bed bugs, large circular bites in arms and chest, fatigue.
93. **DM, 48, female, Kansas, 9/17/07.** Loss of energy. Lights, phones, voices at work environment increase problems.
94. **RM, 52, female, Georgia, 8/30/06.** Similar to Morgellons.
95. **JM, 48, female, Florida, 4/3/08.** Pain everywhere, diarrhea, lost finger nails, shock pain, numbness, tingling, loss of vision (poor vision) thick skin, movement in nose, tight band around waist, toes, jerk pain in head, fibers from skin, and weight gain (80lbs).
96. **KM, 36, female, Arizona, 12/16/02.** Large bites with heads/legs on them. Crawling sensations, vomiting, stomach cramps, coughing up mucus, and burning stinging sensation.
97. **KM, 37, female, California, 11/19/02.** Lesions, crawly feeling all over, rashes.
98. **JM, 40, male, Madrid Spain, 3/16/05.** Itching crawling sensations, burning, weight loss, anxiety, sores and spots in skin, blood in nose.
99. **JM, 53, male, Arkansas, 11/16/06.** Itching, biting on skin at night, sores on skin do not heal, mental fatigue, achy muscles and bones next day when exercise or do long work hours. Recently bad rash on leg, bumps on skin, turn to sores when picked at.
100. **LM, 53, female, Arizona, 5/22/07.** Itching lesions, very tired, memory and teeth problems, fibers expelled from skin, black specks, eyesight, blood change, confusion.
101. **KM, 47, female, Arizona, 11/25/03.** See and find them everywhere constantly with tiny ones. They bite me in bed and wash off me in bath, brush out of my hair lots of exacerbate lesions that eat holes in clothes.
102. **MM, 54, female, Arizona, 9/2/03.** For the past ten years: constipation, weight loss, skin disorder, grinding teeth, low grade sinus infection, occasional discoloration, itch and sting around anus. If debris from lesions remains in contact with fresh skin, that skin erupts. Plus bi-annual flu symptoms of six week duration. Odor in feet and left arm pit, joint discomfort, lesion in left nostril.
103. **MM, 48, female, California, 2/2/99.** 1987 Swollen glands, particularly left neck, tiny bumps on lower right cheek, itching shoulder blades, face, hands, feet, ears (small blood specks on white clothing always), severe vomiting for 48 hours, and repeated sinus infections. 1990: intense itching, sensation deep under surface of skin on both cheeks from ears and jaw, eyes watery, swelling, sore feet, very sensitive to light, respiratory infections, and low grade fever. Lump adjacent to tear duct in /on left eye, and ball area on both feet very sore with pressure. Depression, lethargy, lack of concentration, TMJ problems, dental problems, vision problems, lower back pain, then middle of back, pain on right side waist area. Auditory sensitivity, and sinuses completely stuffed up. 1995 Creepy eruptions over entire face, blurred vision, swollen eyes, red lines horizontally through white of eyes, right eye swells closed, loud ringing and hissing in both ears, severe lower back pain, restless legs still cannot sleep, foul taste in mouth, nausea, constipated, lesion on face, muscle spasms throughout entire body, chronic pain in upper chest, intense itching, stinging sensations. Strong metallic taste in mouth, racing heart beat, very sore joints, cloudy urine.
104. **DM, 27, male, Florida, 12/7/06.** Commencing, February 2005: I began developing lesions on my legs and torso and arms, that were painful, I also developed bilateral edema of my lower extremities that came and went. At first I thought it was fungus but no treatment helped. Around March 2005, I saw numerous creatures in the shape of a (Y) they were everywhere.
105. **LN, 27, male, New Mexico, 2/8/07.** Tingling on top of scalp, feels like bug crawling through hair. Feels like bugs jumping off body hair. Feels like bugs crawling through skin, not like a lot of bugs just individual sensations.
106. **AN, 48, female, Arizona, 11/13/08.** Crawling on scalp, crusting on scalp. Sores with white stuff inside, crawling itching face (nose, lips, ears, temples, eyes). Vision changes, gum changes, itching, crawling, rectal, legs, heels, forearms, neck and lower back. Confusion and fatigue.
107. **C O'B, 70, female, Kansas, 3/30/09.** Bite like rashes, lesions after moving to condo in 2004, tick bite 2004, black specks in ears, nose, cracks and lesions between toes, torso and legs.
108. **R O'B, 40, female, California, 6/11/07.** Open oozing lesions, painful sores all severe, moderate itchy pimples, veins are elevated, tracks are severe along with skin peeling, severe scalp sores and springtails along with fungus. Crawling, movement sensations are very severe along with loss of memory, brain fog, poor concentration, body tremors vision problems. Moderate heart palpitations and high blood pressure. Also have severe flu-like symptoms, intestinal abnormalities, bowel disturbances, along with parasites and severe breathing disturbances, swelling, joint pain, and muscular pain. Moderate arthritic symptoms and severe, gum tissue mucous secretions teeth are gray. Exposure to light and noise have a severe affect on me, very fatigued, also experience insomnia, psychological trauma, night fever/sweats and weight loss.

109. **PO, 42, female, Alberta Canada, 6/7/04.** Scabies, some kind of eggs hatched in ears, another type of bug occupied ear lobe, others in internal ear, fingers, skin, and head.
110. **AO, 30, female, Kansas, 11/13/07.** Chronic fatigue, rash crusty sores on face, burning skin, lymphatic infections, itchy skin, vagina, anus, floaters in eyes, hair loss, dehydrated skin, buzzing under skin, intestinal pain, and muscle twitching.
111. **LP, 47, female, Arizona, 10/4/07.** Loss of muscle on arms and forearms; headaches. After eggs hatching a feeling of parasites spreading through my body in lymph system, pain in right arm.
112. **TP, 45, female, Arizona, 8/11/05.** Swelling in jaw, mucous, lymph discharge, pain, red irritation around right jaw.
113. **JP, 71, female, Alberta Canada, 1/22/08.** Recurrent skin rashes, subcutaneous itch and irritation. Vermiform white nodules and ridges seen in various locations beside and around blood vessels on hands and ankles, etc.
114. **DP, 36, female, Arizona, 12/23/04.** Rash, swollen glands, bruises, muscle pain, headaches, nausea, eye focus problems, anemic, ear sensitivity, hard to swollen blotch skin, movement feeling in head and legs, depression, irritability throughout body.
115. **KR, 34, female, Arizona, 10/25/07.** Tingling sensation in left toes, loss of feeling at times up to left buttocks, left eye, large amount of discharge, nose blew out worms. Round circular lesions all over body worse on head. Loss of weight, vision seems worse at times.
116. **TR, 38, female, Arizona, 10/25/07.** Face, body sores, neurological sensations, creeping eruptions, and movement.
117. **CR, 39, female, North Caroline, 6/14/04.** Intense open lesions, painful sores, elevated veins and bumps. Also have many fibers and severe skin irritation, pinprick, crawling, burning, movement sensations, red hot face, poor concentration, and vision problems. Also moderate loss of memory, brain fog, and heart palpitations. Severe Intestinal abnormalities, bowel disturbances, and joint pain. Moderate muscular pain, arthritic symptoms, and inflamed gum tissue. Also experience fatigue, insomnia and a compromised immune system.
118. **PR, 42, female, Virginia, 8/20/09.** Scalp sores, flesh colored bumps on legs, foreign body moving under skin. You can see sores on upper legs, and bottom of left foot, and invasion in mouth and nose. Itching, burning and pain like bee sting.
119. **MR, 44, female, Arizona, 4/5/05.** Lesions, fibers, crawling, little white bugs, big veins, memory loss, brain fog.
120. **CR, 50, female, Arizona, 4/5/05.** Discharge from vagina, bladder, skin rash, itching, sores in anal and pubic areas, cough and sinus issues.
121. **DR, 69, female, Arizona, 12/3/07.** Abdominal pain, weakness, biting, itching, blurred vision, bloating, nausea, loss of hair, and low back pain.
122. **TR, 35, female, Washington DC, 3/25/08.** Itchy crawling sensations.
123. **GS, 35, female, California, 3/15/04.** Nausea, pain on right and left lower abdomen (colon), light headiness, chronic fatigue, stinging and itching (pruritus), sharp stinging sensations throughout body, swollen lymph nodes, headaches, and mushy stools occasionally with mucus and blood.
124. **MA S, 59, female, New Mexico, 10/1/09.** Bites on skin, itchy, both circular and burrows. Started June 24, 2009 still actively biting. Seems to be an internal parasite, have moved residences and still getting bites.
125. **MS, 24, female, California, 9/6/05.** Itchy pimples turns to a sore. The scab in shower hardens or like won't come off, gets bigger and hurts, clear liquid comes out, raised edges, veins (usually hard to find) are popping out. Feet sometimes swell when I finally can rub off the scab to clean sore. I sweat badly. Face turns red, feel nausea, badly fatigued, very confused, no concentration easily aggravated by anything, noise, hate sunlight. Days with no sleep. I feel like bugs are on me, sores get bigger and sharp pain occurs, sensitive to the touch spread to mouth and never have appetite, occasionally when I finally get hungry I eat like a cow but still feel empty like something else gets to my food first. Have abnormal periods, hair loss and tremors, etc.
126. **ES, 40, female, Texas, 6/24/08.** Skin lesions, extreme fatigue, vision problems.
127. **CS, 52, female, California, 11/9/04.** Sores from bites, from mite or bugs, face is greasy, waxy and hard to keep clean, hair is almost gone in back, body pain, irritable.
128. **JS, 32, female, California, 9/7/04.** Lesions, look and feel like burns, black specks.
129. **KS, 49, female, California, 8/23/05.** Rashes, brown sediments growing on back of throat, itching and crawling sensations on scalp and skin. Have seen suspicious looking things in stool in June. Stool broke apart. I saw what looked like 3 thin slices of red liver, also stringy things in stool.
130. **BS, 35, male, Arizona, 1/16/07.** Swollen skin, abnormal blemishes, skin crawling, irritability, dry oily skin, sweating, and pain in feet.
131. **TS, 53, female, Arizona, 8/7/08.** Top layer of skin seems to be overtaken by unknown source. The disease covers my entire body. It is like a black oily crust top of my skin and tentacles attached to parasite.
132. **CS, 67, female, Arizona, 2/10/03.** Biting on shoulder 4 years ago. Test shows parasites. Lesions on pubis, small lesions throughout body, extreme itchiness and filaments from every part of body.
133. **SS, 33, female, (MI), 4/11/06.** Crawling sensations, stinging, pricking, biting, and tracks in feet. Skin on face burns without special soap.

134. **MS, 45, female, Texas, 12/18/06.** Facial and scalp lesions, carrying Staph and Strep infections for 14 years or greater. Lesions would get better than a week or so they would worsen. Scalp lesions would itch or tickle even after shampooing. Lesions would erupt from deep within my skin. Slow healing wounds.
135. **MS, 34, female, Arizona, 6/30/03.** Severe rash on arms, legs, chest, feet, hands, back, stroke-like symptoms, mental fog, dizziness, extreme inability to concentrate, gastro-abdominal pain, and weight loss.
136. **MS, 50, female, Minnesota, 6/11/09.** Lesions, bloody nose, black and red spots. Things coming out of mouth.
137. **BS, 35, male, Utah, 8/4/05.** Rash, itchy sores, dermatitis, nerve twitching, racing heart, redness, hot head, low grade fever (98 degrees).
138. **ES, 40, female, Arizona, 10/13/05.** Itchy scalp, occasional itching in nose, ears, arms, coated tongue.
139. **SS, 35, female, Arizona, 10/23/02.** Moving scabs, hair movement feel under skin.
140. **MS, 46, male, Arizona, 8/13/09.** Crawling sensations over entire body, being bitten at night, itching, crawling sensations around anus, red eyes, marks around stomach and chest.
141. **BS, 55, female, Washington, 5/29/09.** Skin sensitivity, itching, rashes, edema, redness, hot, weeping at times, and scaling began 12/01.
142. **DS, 60, female, Florida, 8/11/05.** Burning, itching, painful lesions, memory loss, confusion, and flu-like symptoms.
143. **MS, 50, female, New Jersey, 7/11/06.** Lesions, itching, and biting sensations.
144. **CS, 58, female, Arizona, 3/21/06.** Rash on ankles and legs started May 2003 do not recall if it was just after 2nd and 6th tooth bridge was placed or not. Treated for impetigo. Infected with bites that went away but not completely in May 2003, returned again while working with children.
145. **DT, 47, female, California, 5/13/04.** Crawling sensation all over body, blurred vision, sunlight sensitivity, constant cough extreme mucous discharge from nose and in bowel movements, raised area on skin. Filaments all throughout body.
146. **HT, 83, female, Arizona, 3/2/04.** Bugs on head have moved to body.
147. **JT, 52, male, Arizona, 4/20/04.** Chronic fatigue, sores, dental pain, sleeping problems, fuzzy brain, food sensitivity, dermatitis's, sensation of scalp crawling, itching, sinus burning, and irritation.
148. **PT, 78, female, Texas, 7/18/05.** Bites and crawling sensations.
149. **KT, 54, female, Illinois, 8/17/03.** Bites on arms, legs and chest.
150. **JT, 62, female, New York, 10/13/05.** Shedding of particles onto clothing, stiff neck and back muscles, burning ankles and between toes, also feel shedding on feet bottoms, and pin-pricks.
151. **SV, 56, female, Texas, 3/24/08.** Severe itching and biting sensations.
152. **TV, 37, male, Arizona, 7/6/06.** Worms under skin.
153. **MV, 41, female, Mississippi, 11/27/06.** Itchy very, very sensitive skin, extreme sensitivity to chemicals, Candida symptoms, dry skin, dry hair, and trouble sleeping, when exposed to chemicals. Sensitive to synthetic fabrics, aching joints, hips, shoulders, gassy, loose stools, acne, and fatigue.
154. **LW, 32, female, California, 7/20/09.** Arms tingling, neck pain, extreme head pain, chest pain, neck rash, chest rash, cyst in brain, neck and liver, and stomach growling.
155. **GW, 70, female, Arizona, 5/4/06.** Unknown things in hair, mites?, dry patches on arms and mouth, more active in the evening.
156. **NW, 50, female, Arizona, 2/18/04.** Black under skin, I try to get them, spreading now this recent breakout everywhere, huge patches of scar tissue, and very sick to stomach in my digestive system. IBS.
157. **CW, 48, female, Arkansas, 4/24/03.** Severe rash with itching and lesions, 1 year duration.
158. **PW, 48, female, Missouri, 10/15/07.** Redness, swelling, itching, sores pain, concentration, and memory problems a little, etc.
159. **CW, 46, female, Georgia, 10/12/09.** Biting, granules coming from skin, skin sores, worm like pieces coming from within mouth.
160. **LW, 30, female, California, 8/24/06.** Face lesions, prickly, itchy tingle, black head like dots, hairs, clogged hair sores on hands, arm, cheek, same feelings, joint pain, anxiety, depressed.
161. **LW, 46, female, Arizona, 3/5/03.** Areas affected include (but not limited to): scalp (the worst) eyebrows, eyelashes, armpits, arms, under breast, and face. In areas with heavier concentration, base of hairs appears to have a clear blister-like sac. There is a marked increase of activity, movement and biting that I feel several times each day around the same times of day. Anytime I scratch myself or knock a scab off whole working I will only bleed for a second or too and it stops.
162. **TY, 38, female, Colorado, 3/21/05.** Open sores, itching, feeling of "skin crawling" around sores.
163. **MY, 30, male, Washington, 12/9/09.** Lesion all over body, pain in joints, muscle spasms, worms coming out of lesions, worm tunneling under skin and laying eggs, headaches, teeth pain, gum pain, nail problems, skin hardening, and stomach pain.
164. **SZ, 48, female, Arizona, 12/24/06.** Muscle twitching, yeast infections, sinusitis, face numb, neuropathy, and fevers of unknown origin.
165. **YZ, 57, female, Maryland, 9/13/05.** Burning, stinging tongue, choking, ringing and hissing in the left ear, left side of throat.
166. **SZ, 43, female, Arizona, 12/14/06.** Open lesions, painful sores, itchy pimples, pin-prick, crawling, burning, movement sensations, brain fog, poor concentration, vision problems, gum tissue gray, dental decay, teeth gray, fatigue, and insomnia.

References

- Amin, O. M. 1996. Facial cutaneous dermatitis associated with arthropod presence *Explore for the Professional* 7: 62-64.
- Amin, O. M. 2001. Neuro-cutaneous Syndrome (NCS): a new disorder. *Explore for the Professional* 10: 55-56.
- Amin, O. M. 2003. On the diagnosis and management of Neuro-cutaneous Syndrome (NCS), a toxicity disorder from dental sealants. *Explore for the Professional* 12: 21-25.
- Amin, O. M. 2004 a. Dental sealant toxicity: Neurocutaneous Syndrome (NCS), a dermatological and neurological disorder. *Holistic Dental Association Journal* 2004: 1-15.
- Amin, O. M. 2004 b. On the diagnosis and management of Neuro-Cutaneous Syndrome, a toxicity disorder from dental sealants. *California Dental Association Journal* 32: 657-663.
- Amin, O. M. 2004 c. On the course of Neuro-cutaneous Syndrome (NCS) and its pseudo-diagnosis by medical professionals. *Explore for the Professional* 13: 4-9.
- Amin, O. M. 2005. Dental products causing Neuro-cutaneous Syndrome (NCS) symptoms in NCS patients *Explore for the Professional* 14: 57-64.
- Amin, O. M. 2006 a. On the diagnosis and management of Neuro-cutaneous Syndrome (NCS), a toxicity disorder from dental sealants. *Townsend Letter* 276: 85-90.
- Amin, O. M. 2006 b. An Overview of Neuro-cutaneous Syndrome (NCS) with a special reference to symptomology. *Explore for the Professional* 15: 41-49.
- Amin, O. M. 2007. The face of Neuro-cutaneous Syndrome (NCS): new cases, recovery, and perspectives. *Explore for the Professional* 16: 54-64.
- Amin, O. M. 2009. Recovery from Morgellons and Neuro-Cutaneous Syndrome (NCS): patients perspectives. *Explore for the Professional* 18: 1-8.

About the Author



Dr. Amin earned his B.Sc. in Botany and Zoology and M. Sc. in Medical Entomology from Cairo University, and Ph.D. in Parasitology from Arizona State University. His professional training started at the US Naval Medical Research Unit #3 (NAMRU-3), Cairo as a Research Assistant in Medical Zoology. His post-doctoral work was at Old Dominion University, Norfolk. He subsequently worked at the University of Wisconsin as a Professor of Parasitology, Allied Health and Biology for 20 years. In 1992, he founded the Institute of Parasitic Diseases (IPD) (for research and clinical testing of human parasites). He has a joint laboratory facility in Mexico and Mali, West Africa as well as continued research association with NAMRU-3 in Cairo.

Dr. Amin is a nationally and internationally recognized authority in Parasitology. He specializes in the systematics, ecology and pathology of protozoans, helminths and arthropods. He has published over 185 major articles/book chapters/teaching videos on parasites from North America, Peru, Chile, North, South and East Africa, Persian Gulf, the Middle East, Taiwan, Japan, Thailand, Vietnam, Inner Mongolia (China), Russia and India. He is an active lecturer on parasitological and related disease topics to health care professional, allied health workers and medical students in seminar and workshop settings.

Dr. Amin is an active member in the American Society of Parasitologists (and its Rocky Mountain affiliate), British Society of Parasitology, Entomological Society of America, Helminthological Society of Washington, American Microscopical Society, Microbiology and Arizona Homeopathic and Integrative Medical Association.



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