Pain from Peripheral Neuropathy can be caused by metals like Gadolinium

Posted by Sharon Williams • October 25, 2014

When we conducted our Symptom Survey early in 2014, the one chronic symptom that everyone reported was “Pain”. Some identified it as being an ache with dull, continuous pain, while others described it as burning, numbness, tingling, or prickling sensations (paresthesia), or as deep bone pain, or electric-like feelings. The location of the pain was primarily in the extremities, followed by the hips, joints, and ribs.

Symptoms of Heavy Metal Toxicity

There are two types of heavy metal toxicity: acute and chronic. Symptoms of acute toxicity are easy to recognize because they are usually quick and severe in onset. The symptoms include:

- Cramping, nausea, and vomiting
- Pain
- Sweating
- Headaches
- Difficulty breathing
- Impaired cognitive, motor, and language skills
- Mania
- Convulsions

Chronic exposure, on the other hand, produces different symptoms, which can be easily confused with symptoms of different illnesses. Some of the symptoms are impaired cognitive, motor, and language skills, learning difficulties, nervousness and emotional instability, insomnia and nausea.

In fact, because toxic metals block the absorption and utilization of essential minerals, this in itself can set up a whole cascade of symptoms that gradually get worse over time.

Below is a more specific checklist of symptoms of metal toxicity poisoning:

- Chronic pain throughout the muscles and tendons or any soft tissues of the body
- Chronic malaise -- general feeling of discomfort, fatigue, and illness
- Brain fog -- state of forgetfulness and confusion
- Chronic infections such as Candida
- Gastrointestinal complaints, such as diarrhea, constipation, bloating, gas, indigestion
- Food allergies
- Dizziness
- Migraines and/or headaches
- Visual disturbances
- Mood swings, depression, and/or anxiety
- Nervous system malfunctions -- burning extremities, numbness, tingling, paralysis, and/or an electrifying feeling throughout the body
Instructions: Please carry this card at all times and show it to any medical personnel who may be treating you.

I. Patient Name: Scott Heckenlinden
II. Physician Name: Anqi Gupta MD
III. Physician Telephone: 410-328-6618
IV. Hospital: Univ. of MO Medical Ctr
V. Date of Implant: 3/24/2014

Resolute Integrity RX
3.0 mm x 15 mm
RSINT30015UX
2016-02-17

Table 1-3: Resolute Integrity Zotarolimus-Eluting Coronary Stent System
Product Matrix and Nominal Zotarolimus Doses

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Nominal Expanded Stent Ø (mm)</th>
<th>Nominal Unexpanded Stent Length (mm)</th>
<th>Nominal Zotarolimus Content (µg)</th>
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INDICATIONS
The Resolute Integrity Zotarolimus-Eluting Coronary Stent System is indicated for improving coronary luminal diameters in patients, including those with diabetes mellitus, with symptomatic ischemic heart disease due to de novo lesions of length ≤35 mm in native coronary arteries with reference vessel diameters of 2.25 mm to 4.2 mm.

CONTRAINDICATIONS
The Resolute Integrity System is contraindicated for use in:
- Patients with known hypersensitivity to allergens such as aspirin, heparin, bivalirudin, clopidogrel, prasugrel, ticagrelor, ticlopidine, drugs such as zotarolimus, tacrolimus, sirolimus, everolimus, or similar drugs or any other analogue or derivative.
- Patients with a known hypersensitivity to the cobalt-based alloy (cobalt, nickel, chromium, and molybdenum).
- Patients with a known hypersensitivity to the BioFlex polymer or its individual components (see details in Section 1.2.2 – Polymer System Description).

Coronary artery stenting is contraindicated for use in:
- Patients in whom anti-platelet and/or anticoagulation therapy is contraindicated.
- Patients who are judged to have a lesion that prevents complete inflation of an angioplasty balloon or proper placement of the stent or stent delivery system.

WARNINGS
- Please ensure that the inner package has not been opened or damaged as this would indicate the sterile barrier has been breached.
- The use of this product carries the same risks associated with coronary artery stent implantation procedures which include subacute and late vessel thrombosis, vascular complications, and/or bleeding events.
- This product should not be used in patients who are not likely to comply with the recommended antiplatelet therapy.

PRECAUTIONS
- Only physicians who have received adequate training should perform implantation of the stent.
- Stent placement should only be performed at hospitals where emergency coronary artery bypass graft surgery can be readily performed.
- Subsequent stent restenosis or occlusion may require repeat catheter-based treatments (including balloon dilation) of the arterial segment containing the stent. The long term outcome following repeated catheter-based treatments of previously implanted stents is not well characterized.
- The risks and benefits of stent implantation should be assessed for patients with a history of severe reaction to contrast agents.

This product has been evaluated as an outcome following repeat catheter-based treatments of previously implanted stents is not well characterized.

The risks and benefits of stent implantation should be assessed for patients with a history of severe reaction to contrast agents.

5
It may take repeated or prolonged exposure to items containing nickel to develop a nickel allergy. Treatments can reduce the symptoms of nickel allergy. Once you develop a nickel allergy, however, you'll always be sensitive to the metal and need to avoid contact.

**Symptoms**

An allergic reaction (contact dermatitis) usually begins within hours to days after exposure to nickel. The reaction may last as long as two to four weeks. The reaction tends to occur only where your skin came into contact with nickel, but sometimes may appear in other places on your body.

Nickel allergy signs and symptoms include:

- Rash or bumps on the skin
- Itching, which may be severe
- Redness or changes in skin color
- Dry patches of skin that may resemble a burn
- Blisters and draining fluid in severe cases

**When to see a doctor**

If you have a skin rash and don't know how you got it, talk to your doctor. If you've already been diagnosed with nickel allergy and are sure you're reacting to nickel exposure, use the over-the-counter treatments and home remedies your doctor has previously recommended.
Allergy List for Scott F. Heckendorn 12/24/2014-Present
Address: 1702 High Point RD Forest Hill, MD 21050
410-294-9907  DOB 10-4-1962
Primary Care Doctor: Mary Grace Tangullan 410-569-3640
Specialist Doctors: Dr. Matthew Mardiney-Allergy Immunology 443-987-6998
Dr. David Rubin- Cardiology 443-643-3800

Allergy Agents
- Atorvastatin
- Chlorhexidine
- Crestor (rosuvastatin)
- Dilaudid (hydromorphone) 5/21/19
- Doxycycline
- Duricef (cefadroxil monohydrate)
- Novolog (insulin aspart)
- Pravastatin
- Mangifera Indica (mango)
- Pollen
- Ouricef (cefadroxil monohydrate)
- Novolog (insulin aspart)

Reaction(s)
- Myalgia
- Rash
- Myalgia
- Itching mouth/nose
- red rash/itching around mouth
- Shaking/tremor
- Shaking/tremor
- Myalgia
- rash/mouth sensitivity
- runny nose/sneezing

Augmentin is questionable? Per reaction after bypass surgery Feb 2019

Per Allergen Patch Test T.R.U.E.Test (Thin-layered Rapid Use epicutaneous) - April 2019
- Nickel Sulfate
- Mercaptobenzothiazole (MBT)
- Disperse Blue 106
Medication List for Scott F. Heckendorn 10/26/2019
Address: 1702 High Point RD Forest Hill, MD 21050
410-294-9907 DOB 10-4-1962
Primary Care Doctor: Mary Grace Tanguilan 410-569-3640
Other Doctors: Dr. Hilary Whitlatch - Diabetes 443-682-6800
Dr. David Rubin- Heart 443-643-3800

Medication list:
Baby aspirin 81 mg 1x per day AM
Clopidogrel (Plavix) 75 mg 1x per day AM
Ezetimibe (Zetia) 10 mg 1x per day AM
Fenofibrate 160 mg 1x per day AM (6/14/19)
Glimepiride (Amaryl) 4 mg 1x per day AM
Jardiance 10 mg 1x per day AM (added 6/20/19)
Lisinopril 10 mg 1x per day AM (added 10/07/19)
Metformin (Gluophage) 1000 mg 2x per day AM and PM
Metoprolol Tartrate (Lopressor) 25 mg - 1 tab 2x per day AM and PM.
Diabetic multi pack vitamins 1 x per day AM
Pantoprazole 20 mg tablet delayed release 1 x per day AM (replacement for Prilosec 5/1/19)
Toujeo Solostar injection 60 units 2x per day AM and PM (replaced w/BASAGLAR)
Basaglar kwik pen insulin glargine injection 50 units 2x per day AM / PM
Victoza injection 1.8 mg in PM
Repatha Sureclick (evolocumab) 140 mg/ml 1 injection every 2 weeks.
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- **City:** [Redacted]
- **State:** [Redacted]
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