

Kick-start healthy habits: Learn more about the benefits of detoxification and purification

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Sara Le Brun-Blashka, MS

Sara Le Brun-Blashka, MS is a nutritionist with a Master's Degree in Nutrition Education from American University, and a Bachelor of Science Degree in Dietetics and Food Science from Iowa State University. Sara led the education team to the launch of Turmeric Forte, SP Detox BalanceTM, Hemp Oil ComplexTM, and many other products at Standard Process.



Bassem F. El-Khodor, PhD

Bassem El-Khodor, PhD is a neuroscientist with more than 20 years of experience in the biopharmaceutical and nutrition sciences. He possesses a broad range of experience in nutrition sciences with extensive industry experience in the nutrition health care business. Dr. El-Khodor has developed and launched a number of effective patient-focused care product solutions, including SP Detox BalanceTM at Standard Process.



We're exposed to toxins every day, which can overburden the body's natural ability to detoxify.



That's why we're kicking off 2020 with the exciting, nationwide **SP Detox and Purification Challenge**.





Purification Program: A time-tested program to nourish the body and support the body's normal toxin-removal processes* SP Detox Balance Program: A new approach to metabolic detoxification

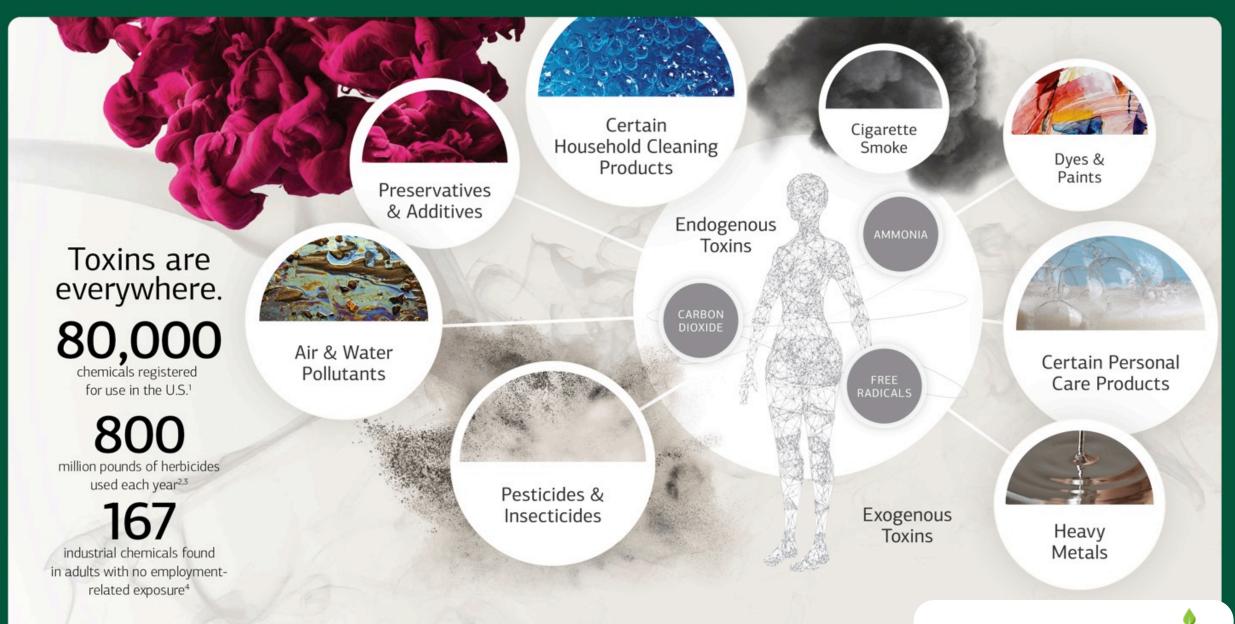


*These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

Webinar Objectives

- Understand the effects that toxins have on the body and the need for metabolic detoxification
- Determine which program is right for particular patients
- Learn about the 28-Day SP Detox Balance Program and the 21-Day Purification Program
- Learn more about our exciting, encouraging challenge





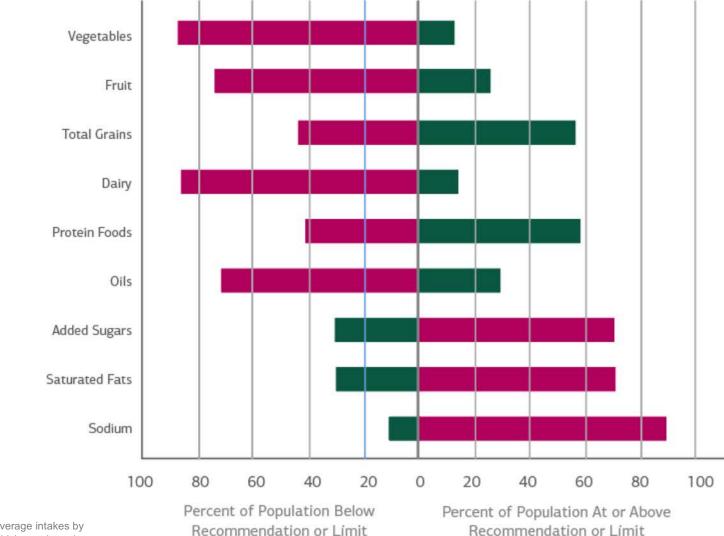
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Arthur Grube, David Donaldson, Timothy Kiely, and La Wu, 'Pesticides Industry Sales and Usage 2006 and 2007 Market Estimates,' Washington, D.C. United States Environmental Protection Agency, February 2011, PDF e-book, http://www.epa.gov/sites/production/files/2015-10/documents/market_estimates2007 pdf.

Michael N. Antoniou et al, "Concerns Over Use of Opphosate-Based Herbicides and Pisls Associated with Exposures: a Consensus Statement," Environmental Health 15, no. 1 (2016) 1-13. https://doi.org/10.1186/s12940-016-0117-0.

Joseph W. Thomton, Michael McCally, and Jane Houlihan, 'Biomonitoring of Industrial Pollutants: Health and Policy Implications of the Chemical Body Burden,' Public Health Reports 117, no. 4 (2002); 315-23.

This is SAD (Standard American Diet)



WHOLE FOOD NUTRIENT SOLUTIONS

DATA SOURCES:

What We Eat in America, NHANES 2007-2010 for average intakes by age-sex group. Healthy U.S.-Style Food Patterns, which vary based on age, sex, and activity level, for recommended intakes and limits.

Food Group or Dietary Component

Toxins can contribute to:



FOOD CRAVINGS AND WEIGHT GAIN



FATIGUE OR DIFFICULTY SLEEPING



REDUCED MENTAL CLARITY



JOINT DISCOMFORT



SKIN ISSUES

INDIGESTION AND OTHER TEMPORARY GASTROINTESTINAL UPSET





LOW LIBIDO

Metabolic detoxification provides your body with the additional nutritional support it may need to metabolize and expel toxins safely during each of the three metabolic detoxification phases.

PHASE 1 ENZYMES (MAINLY CYP450) Phase I: Unlock

Stored fat-soluble toxins transform to an "unlocked" state that is more water-soluble and in many cases more toxic than its original form.

(CONJUGATION Phase II: Neutralize

The highly toxic substances produced in phase I convert to non-toxic molecules and become even more water-soluble.

PHASE 2

ENZYMES

PHASE)

PHASE 3 **ELIMINATION** Phase III: Eliminate

Water-soluble toxins leave your cells, and your body eliminates them.





Toxicity Questionnaire

Name: Date: The Toxicity Questionnaire is designed to aid the practitioner in assessing a patient's **Toxicity Questionnaire** or client's potential need for a detoxification program. Section I: Symptoms Rate each of the following based upon your health profile for the past 90 days. Circle the corresponding number. 0 Rarely or Never Experience the Symptom Occasionally Experience the Symptom, Effect is Not Severe 1 11. SKIN 2 Occasionally Experience the Symptom, Effect is Severe 01234 a. Acne 3 Frequently Experience the Symptom, Effect is Not Severe b. Hives, rashes, or dry skin 01234 Frequently Experience the Symptom, Effect is Severe 4 01234 c. Hair loss 1. DIGESTIVE 01234 6. HEAD d. Flushing a. Nausea and/or vomiting 01234 a. Headaches 01234 e. Excessive sweating 01234 b. Diarrhea 0 1 2 3 4 b. Faintness 01234 Total: ____ c. Constipation 01234 c. Dizziness 01234 d. Bloated feeling 01234 d. Pressure 01234 12. HEART e. Belching and/or passing gas 0 1 2 3 4 a. Skipped heartbeats 01234 Total: b. Rapid heartbeats f. Heartburn 01234 01234 7. LUNGS 01234 c. Chest pain Total:. a. Chest congestion 01234 Total: _ 2. EARS b. Asthma or bronchitis 01234 a. Itchy ears 01234 c. Shortness of breath 01234 13. JOINTS / MUSCLES 234 b. Earaches or ear infections 01234 d. Difficulty breathing a. Pain or aches in joints 01234 01234 234 01234 c. Drainage from ear b. Stiffness or limited movement Total: 234 d. Ringing in ears or hearing loss 01234 u. How often are you exposed to dust, overstuned furniture, tobacco smoke, thoutoans, incense, or varinish in your nome of onice? 01234 e. How often are you exposed to nail polish, perfume, hairspray, or other cosmetics? 01234 f. How often are you exposed to diesel fumes, exhaust fumes, or gasoline fumes? 01234 g. How often do you consume nonorganic foods? 01234 Total: 17. Circle the corresponding number for questions 17a-17b below. No Moderate Change 3 Drastic Change 0 Mild Change 2

Date: Date: The Toxicity Questionnaire is designed to aid the practitioner in assessing a patient's dient's potential need for a detoxification program.
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Prepare the body for metabolic detox

Pre-Detox

Is the patient ready for detox? Any of these deficiencies should be addressed before detox:

- Vitamin D
- Vitamin B12
- Magnesium
- Methylation capacity (SAM:SAH<2)
- Gastrointestinal conditions affecting nutrients absorption (Elimination Diet)
- Estrogen metabolism (20HE:160HE ratio<2)
- Malnutrition
- Liver and kidney concerns

Detox 10 – 28 days

- Ensure a balance phase I and II activities
- Intracellular antioxidants
- Ensure proper support for phase II enzymes (crucial)
- Alkalization
- Energy
- Creatine (arginine+glycine and methionine) (SAH production/methylation capacity)

Post-Detox

Maintenance phase



Purification vs Metabolic Detoxification

Purification	Metabolic Detoxification		
Removal of potential toxins in the environment or diet. Minimizes toxin exposure and supports baseline daily detox activities. A way to jump start your metabolism by removing components of SAD (Standard American Diet).	The biological process of removing toxins from your cells, ultimately eliminating them from your body. This is best accomplished by upregulating and supporting metabolic detoxification pathways.		
	This complex process has three phases that convert fat-soluble toxins to water-soluble molecules, and then eliminate them.		
Healthy, maintain a healthy body and weight — cleansing and removal of food triggers.	Clinical detoxification support		



Purification vs Metabolic Detoxification

Purification Program (



- 21-day program
- Purify, nourish and maintain a healthy body and weight*
- Includes a variety of supplements taken daily, including a nutritional shake that offers essential whole food nutrition - available in original, dairy-free, chocolate, or vanilla
- Meal plan provided including a variety of vegetables and fruits for the first 10 days, with select proteins added on day 11

*These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.



- 28-day program
- Balanced, safe, and effective nutritional support for all three phases of detoxification*
- Tasty, all-in-one shake (depending on the day, you will drink one, two, or three SP Detox Balance[™] shakes)
- Includes basic meal, hydration
 and exercise plan



FREE



Purification Product Kit



The Standard Process

21-Day Purification Progr

A Patient Guide to Purifying, Nourishing Maintaining a Healthy Body and Weig

Cloorer, Brightliv, Ughter,

SP COMPLETE*

a: Two rounded tablespoons

Standard Process.

SP Standard Process. Boot Sure is a cool due place. Drv95 g) Food Supplements Since

SP CLEANSE

2670

Gran Seven capsules, three See on an empty stomach or

colement shake.

WHOLE FOOD SUPPLEMENTS SINCE 192

WHOLE FOOD FIBER 8335

Standard Process

Suggested Use: One level tablespoon toproximitely 6 grams) in a blender drink pir day, or as directed. 7 October 1200 (g)

WHOLE FOOD SUPPLEMENTS SINCE 1929

SP GREEN FOOD 4650

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Purification Product Kit



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- ✓ Provide options by preferred protein and fiber choice
- ✓ Purify, nourish, and maintain a healthy body and weight
- ✓ Choice of rice or whey/rice combination protein
- ✓ 10 grams of protein



SP Purification Tools



Standard Process Supplements

Resources available online at standardprocess.com/challenge

SP Purification Program: Support Healthy Weight and Lipids

21-day nutritional

intervention program



N=28 Adults

Retrospective review of adults 25 to 77 years

- Supported healthy weight
- Significant (P < .0001) change in serum total cholesterol, triglycerides, HDL, LDL, and VLDL

SP Cleanse[®], Gastro-Fiber[®], SP Complete[®] (a whey protein–based shake), and SP Green Food[®], nutritional supplements from Standard Process Inc, were provided to these patients during the 21-day program in accordance with dosages described on product labels

Powell, J, & Leonard, J. A nutritional program improved lipid profiles and weight in 28 chiropractic patients: a retrospective case series. Journal of Chiro Med. (2008) 7, 94-100.



Standard Process Purification

Protocol Days 1-7

Supplement	Amount	Frequency
SP Cleanse [®]	7 capsules	3x/day
SP Complete [®] OR SP Complete [®] Dairy Free OR	2 tablespoons per shake	2-3x/day
SP Complete [®] Chocolate OR SP Complete [®] Vanilla	4 tablespoons per shake	2x/day
Gastro-Fiber [®] OR	3 capsules	3x/day
Whole Food Fiber	1 tablespoon per shake	2-3x/day

Standard Process Purification

Protocol Days 8-21

Supplement	Amount	Frequency
SP Green Food [®]	5 capsules	2x/day
SP Complete [®] OR SP Complete [®] Dairy Free OR	2 tablespoons per shake	2-3x/day
SP Complete [®] Chocolate OR SP Complete [®] Vanilla	4 tablespoons per shake	2x/day
Gastro-Fiber [®] OR Whole Food Fiber	3 capsules	3x/day
	1 tablespoon per shake	2-3x/day

Meal Plan

Days 1-10

- Fresh Vegetable and Fruit: Unlimited
- Your vegetable intake should be twice the amount of fruit intake
- Legumes or Quinoa: 1-2 servings per day
- Oil/Fat: 4-7 teaspoons per day (1 teaspoon)
- Whey Pro Complete (Beginning on Day 1)
- Ask your health care professional about adding 2 scoops to each SP Complete shake for additional protein

Days 11-21

- Fresh Vegetable and Fruit: Unlimited
- Your vegetable intake should be twice the amount of fruit intake
- Legumes or Quinoa: 1-2 servings per day
- Oil/Fat: 4-7 teaspoons per day (1 teaspoon)
- Lean Meat and Fish: 2-4 per day, with 1-2 servings being fish (3-5 ounce)
- Whey Pro Complete (Beginning on Day 1)
- Ask your health care professional about adding 2 scoops to each SP Complete shake for additional protein



SP Detox Balance[™]

CORE COM LINE

SPA

SP DETOX

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SP DETOX CHAI FL

SP Detox Balance[®] Program



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SOLUTIONS

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CHAI FLAVORED with other natural flavors DIETARY SUPPLEMENT 10000

Suggested Use: Two heaping scoops in 10-12 ounces water, one to three servings per day, or as directed. Stere in a cool, dry place once opened.

Net Wt. 27.6 oz (783 g)

WHOLE FOOD SUPPLEMENTS SINCE 1929



SP Detox Balance[™] A Good Source of Plant-based Mg





- Provides amino acids required for conjugation enzymes and whole body support through detoxification with a unique protein and amino acid blend*
- ✓ Good source of dietary fiber to support elimination*
- Whole food-based shake to support the body's natural metabolic detoxification process*
- ✓ 17 grams of vegan protein



SP Detox Balance[™] Program tools



Resources available online at standardprocess.com/challenge

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28-DAY COMPREHENSIVE PROGRAM

Number of Shakes[^] Per Day



3 Canisters · Program Guide · Shaker

	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	
WK1	1	1	1	2	2	2	2	
WK2	3	3	3	3	3	3	3	
WK3	3	3	3	3	3	3	3	
WK4	2	2	2	1	1	1	1	

^For each shake, mix two heaping scoops of SP Detox Balance™ powder with 10 to 12 ounces of liquid.



SP Detox Balance[™]**:** Preliminary clinical data showing the effect of SP Detox Balance on D-Glucaric and mercapturic acid level

28 days program conducted at Scripps Research Institute, CA

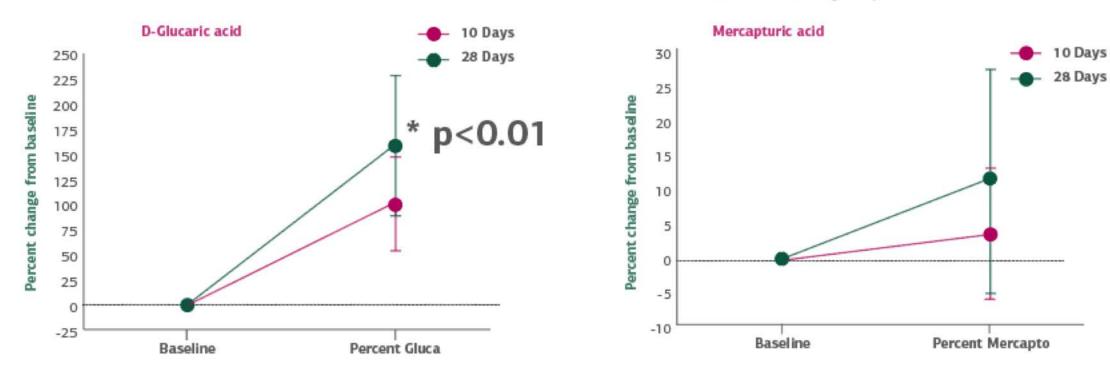
N=12 Adults

BMI=35.3 kg/m2

10 days program conducted at Standard Process Inc., Palmyra, WI

N=12 Adults

Otherwise healthy subjects





Data on File at Standard Process

SP Detox and Purification Challenge

Why you should participate

- · Change lives with compelling, transformational stories
- · Attract new patients turn them into lifelong patients
- · Gain national awareness for your practice through social media



Nationwide SP Detox and Purification Challenge

- Includes 28-Day SP Detox Balance Program and 21-Day Purification Programs
- Challenge begins January 6th
 - 2 Facebook groups to share progress, recipes, and encouragement
 - Daily inspirational emails customized to the selected program
- Promotional materials available

-Posters

- -Digital assets
- -Patient Brochure
- -Counter Display
- -Patient Presentation











Counter display & brochures



SP Detox and Purification Challenge

Join the nationwide community: standardprocess.com/challenge

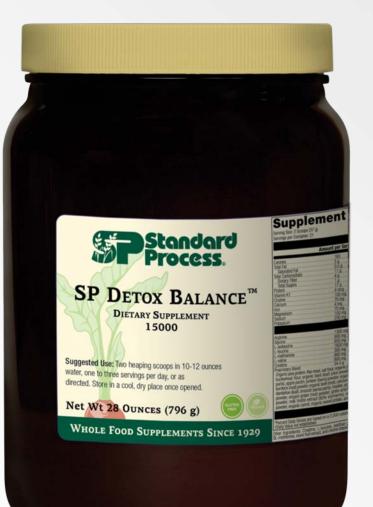
Three Lucky Patient Participants will also Win Prizes!

- **Grand Prize**: Two-day Wisconsin wellness retreat for two includes tour of the Standard Process certified organic farm
- Second Place Prize: Royal Lee Organics[™] (by Standard Process) Flour Mill & assorted whole grains
- Third Place Prize: Vitamix[®] 5200 Standard Blender



New SP Detox Balance[™] Formula

- A no added flavor formula coming soon!
- Expected product release is 12/1, now taking pre-orders





standardprocess.com/challenge



