A guide to using BioRay’s organic products to successfully detoxify and support immune health in your child.
The Children’s Total Body Detox Guide by BioRay was created to safely and effectively detoxify heavy metals, parasites, fungi, yeast, chemicals, and pesticides. Proven effective by over a decade of clinical use, this protocol is designed to restore healthy pH balance in your child’s body, clean the gut and support healthy neurological and immune function.

In this guide we provide information on supplements, formulas and dietary modifications that will support your child’s organs of elimination and restore a healthy immune response. We begin with getting the bowels moving, supporting and opening the detox pathways of the liver and kidneys, and then move on to supporting a healthy GI & colon. This is a 4 – 6 month process for an average to sensitive child. The products we have included in this kit as well as the supplementary products we recommend provide necessary and vital support for a successful and efficient detoxification protocol.

Benefits of the Children’s Total Body Detox:
- Ability to stay calm and focused
- Stabilized moods and less defiance
- Improved social skills
- Improved verbal communication and cognitive thought process
- Decreased craving for carbohydrates and sweets
- Increased eye contact
- More restful sleep
- Decrease in Candida, yeast, and fungus
- Healthy immune system
- Regular bowel movements
- Improved absorption from foods and supplements
- No more itchy rectum
- Less gas, improved digestion, no more distended tummy

FOOD
Unlike many other detox programs, the BioRay Children’s Total Body Detox can be easily assimilated into your child’s normal routine. Your child will experience an increase in energy and focus, while assisting easier digestion.

SUPPLEMENTS
Supplements are added into the protocol one at a time and dosages are slowly increased to avoid aggravations and to identify any negative reactions. This program will teach you to understand and pay close attention to the signals your child’s body is sending you. For example, if your child experiences a headache or aggravating behaviors this is a sign that more toxins are being pushed out than the organs can comfortably excrete or remove.
GI & Colon

Start with the Gastrointestinal Tract and Colon
The outward appearance of the stomach indicates how well we chew our food and how often we have a bowel movement. Approximately 1.3 billion people worldwide experience digestive problems. Digestion is not a process by which food is dumped into a “dissolve-all” solution in the gut. When we take a bite, sensors in our mouths immediately initiate a process of taking in information and delivering it to the necessary parties (organs). When we chew each bite to a mushy pulp, a beautiful and sophisticated chemistry takes place to digest food, absorb nutrients and defend us against hostile germs.

There are more than a hundred million nerve cells in the human small intestine. The GI tract is a vast chemical warehouse representing every class of neurotransmitter found in the brain. That’s right! We have a brain in our gastrointestinal tract just as we have one in our head! Yet with the standard modern diet and lifestyle, our habits keep the “second brain” numb to how much food we eat and limit the nutrients that our bodies can assimilate from well chewed food. All types of symptoms can occur in children who overeat that are reversible with good nutrients.

The gut is the first line of defense against colds and flu. In a healthy colon, the beneficial bacteria count is up to 100 billion per milliliter. However, in the typical American intestinal tract, that count may be as low as 4 or 5 per milliliter. When there is a significant decrease in friendly bacteria and a high level of unfriendly pathogenic bacteria, it can trigger the onset of chronic degenerative disease and a suppressed immune system. Generally, people pay attention only when there is a backup and things are not running smoothly. Ridding the body of old putrefied fecal matter and restoring balance in the gastrointestinal tract is key to decreasing inflammation and supporting a healthy immune system.

A healthy colon eliminates at least two - three times a day. We know from watching babies that they have a bowel movement shortly after every meal. This is the optimal amount any person should be moving their bowels.

The best way to clean your child’s system is from the mouth down. Cleaning the colon from the mouth down continues the path of elimination that is natural for the body. The nervous system will be aware of what is coming and the corresponding organs will be prepared to act. A very efficient method indeed!

“The intestines are to human beings what the roots are to the plant. Only when these roots are kept in an optimal condition of nourishment and cleanliness, can the plant itself thrive and remain healthy. The human body is never built on what it ingests but solely on what it digests and absorbs.” - Dr. F.X. Mayr (1875 - 1965)

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Liver Support
The liver is considered “The General of the Army” in traditional Chinese Medicine for very good reason. Truly the hardest working organ in the body, the liver handles over 500 tasks daily. It is charged with breaking down food and absorbing the nutrients, sending those nutrients to the correct system in the body, removing organic and non-organic waste, and manufacturing hormones. The liver can rebuild itself with only 20% of its function remaining, which is particularly necessary in this post WWII age. The amount of abuse the liver can take and the amount of protection it delivers to all the other organs in the body is truly amazing.

Exposure to toxins now occurs at levels never before seen. These toxins turn into acidic waste in the body. The liver determines whether they are water soluble and can be removed via the kidneys, or oil-based and can be turned into bile and removed via the colon.

Restoring the Alkaline Reserve
The easiest and most efficient way to decrease acidity in the body is to support or feed the liver, enabling it to drain acids and restore the alkaline reserve. Trying to neutralize an acid pH is like pouring a bucket of water on a forest fire. It takes 32 glasses of water with a pH of 9 to neutralize one glass of cola, which has a pH of 2.3! When we drain acids out through the urine we realize the benefits of an alkaline body in a short amount of time. The benefits of restoring pH balance include: increased energy, more oxygen to the blood and brain, decreased inflammation in the body, increased nutrient absorption and reduction of dark circles under the eyes.
The Liver & Healthy pH
The Liver & Emotions

The Impact of Liver Congestion

- Insomnia and fatigue
- Skin rashes / conditions such as eczema, acne
- Irritability, emotional outbursts
- Yeast and bacterial infections
- Lack of focus
- Food intolerance
- Food and seasonal allergies
- Significant decrease in absorption of nutrients and supplements
- Impaired digestive function
- Decreased cognitive ability

A key factor in healing often lies in preventing congestion in the liver, this improves the liver's capacity to carry out its many functions, including detoxification and replenishment of the blood. Emotions and biology go hand in hand: when the liver is healthy, emotions flow smoothly; but when the liver is stagnant, the emotions become irrational. The emotional will affect the physical and vice-versa.

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Remove Heavy Metals & Parasites

You are probably wondering, “Is my child heavy metal toxic? Could they possibly have parasites?” Or “How do I know if my child has an overly acidic body?” If you or your child have ever had silver amalgam fillings in your teeth, your child has eaten at a restaurant in the last twelve months, or your child craves sweets or carbohydrates: you probably could answer yes to one if not all three of the above questions.

Removing Heavy Metals

It is impossible to avoid exposure to heavy metals. Not only are heavy metals used as preservatives in childhood vaccinations, the silver amalgam fillings that dentists put in our teeth are 50% mercury. Heavy metals are also found in great quantities in our water supply, garden fertilizers, house paint, light bulbs, and used as preservatives and as fire retardants on our children’s pajamas. It is the way of modern life.

We have a limited ability, in proportion to the level of toxic metals we are exposed to daily, to metabolize these toxins. Metabolizing a substance is the process of using it, breaking it down, and disposing of what we can’t use. When the human system does not need a substance, such as a metal or other toxin, it is not capable of metabolizing it. Now more than ever, the body needs assistance removing these toxins. We will accomplish this and more with the Total Body Detox.

“Before starting the BioRay Total Body Detox none of the participants were excreters of heavy metals and toxic waste. After completing the BioRay Detox program all participants became excellent excreters.”

- Stephanie Ray, Founder/CEO, BioRay, Inc.

When we are heavy metal toxic the body turns into an acidic wasteland, making us very good hosts for many different kinds of parasites, bacteria, yeast, and viruses. Your child will be removing heavy metals from his or her body during the Children’s Total Body Detox, making it an optimal time to also address parasites and systemic yeast or candida issues.

Removing Parasites

In our clinical experience over a 4 year period of stool testing every patient for parasites, 99.9% of our patients had at least one and as many as five different parasites, fungi or yeast infections. These patients were middle to upper class residents of Los Angeles, California, USA.

The toxic byproducts parasites produce acidify the tissues and predispose us to chronic degenerative diseases. They carry viruses with them and gradually wear down the immune system, making us even more vulnerable to their invasion and to other microorganisms.
Remove Heavy Metals & Parasites

Simply said, parasites take vital nutrients from the body, skew emotions and mental function, damage tissues and organs, and increase our need to detoxify. This is the perfect environment for disease to appear and develop in the body.

The Children’s Total Body Detox includes a complete parasite protocol that has been proven effective against many parasites, candida and other fungi by over forty before-and-after stool tests with Dowell Labs and Institute of Parasitic Diseases.

"Tomorrow will be one full week at our goal dose of Artemisia & Clove! My husband and I noticed Lucas isn't clenching or grinding his teeth at all lately. He also hasn't been as intense. I think we may be finally starting to get rid of these parasites!"
- Jocelyn

Overall Well-Being & Preventing Illness

If you are of the mind that prevention is the best medicine, you are doing the right program with your child! With the BioRay Children’s Total Body Detox, your child will increase their body’s ability to detoxify and build support for a healthy immune system overall. Your child can do this program twice a year.

Our demands on the planet have reached excessive levels while we continue to inhibit nature’s ability to renew herself. It is our dream and vision that you and your family recognize your own contribution - both positively and negatively. We can improve the health of our bodies, our planet, and our next generation of babies. One family and child at a time.

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Beginning Your Child’s Detox
2 Basic Steps

Before you begin, complete these three steps.

**Step 1: Health Questionnaire**
Fill out the 8-page questionnaire on our website. This will give you valuable information on what you will need to specifically address with your child as well as help you to clarify your goals. This will also be used as a measuring tool to see your child’s actual progress and accomplishments made during the detox.

Our health questionnaire can be used to evaluate the benefit or detriment of any protocol, food or remedy.

**Step 2: Test for Heavy Metals and Chemicals, OAT (Organic Acid Test) and Immunobilan Test**
You can request these tests from your practitioner. They act as a baseline measurement upon which to gauge your progress.

Should you choose to forgo lab tests, remember that BioRay’s health questionnaire acts in a similar way, creating a baseline measurement. It will give you a clear measurement of where your child began and what changed throughout the 45 days, making it a very useful tool.

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Beginning Your Child’s Detox

What’s In The Box

What's in BioRay Children’s Total Body Detox Kit:

4-6 Month Supply for Average Child
- Liver Life - 2 bottles / 4 ounces each
- CytoFlora - 4 bottle / 4 ounces each
- Artemisia & Clove - 2 bottles / 2 ounces each
- Loving Energy - 4 bottles / 2 ounces each
- NDF Plus - 1 bottle / 1 ounce
- Oxy Powder - 2 bottles / 120 capsules each
- Saccharomyces Boulardii - 1 bottle / 50 capsules
- Activated Charcoal - 1 bottle / 100 Capsules
- K-Min - 1 bottle / 100 capsules
- pH Stix - 1 box / 90 test strips

Eating to Assist Detox

1. Cooked foods are warming to the digestive system, optimizing and increasing digestion. A diet high in raw foods closes the digestion down, causing food to sit and putrefy in the gastrointestinal tract.

2. When you chew foods to a liquid or pulp, the stomach knows when to signal the brain it is full. The digestive system then gets a rest between meals, as all foods will be assimilated and utilized.

3. Your child will be able to eat meat. Care must be taken when chewing meat, as undigested protein immediately turns into ammonia in the blood.

4. No fresh bread, fermented foods, fried, or sugary foods. These foods feed parasites and yeast, and create acidity in the body.

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Guideline 1: Stop Using Toxic Personal Care Products and Household Cleaners
Most mainstream personal care items contain heavy metals or toxic chemicals, many of them carcinogenic. The National Institute of Occupational Safety has identified almost 900 personal care chemicals that are toxic in one way or another. To download a Safety Guide to Children’s Personal Care Products put together by Environmental Working Group: www.cosmeticsdatabase.com/special/parentsguide/ EWG_parentsguide.pdf. It is important to limit your child’s exposure to household toxins found in common dish soap, detergents, and cleaning products. Pesticides and fertilizers are sources of great neurological irritation.

“After 26 seconds; traces of these toxic household cleaners can be found in every organ in the body.”- Chec’s HealtheHouse

Guideline 2: No Microwave Ovens!
Because of the force involved with a microwave, the cells in a substance are actually broken. This neutralizes the electrical potential of our food - the very life of the cells. These impaired cells become easy prey for viruses, fungi and other micro-organisms.

Guideline 3: Minimize Seafood Intake.
There are very few fish or shellfish we can eat today that are free of heavy metals such as mercury, cadmium and lead. During this detox program, it is best to eliminate seafood from your child’s diet altogether, as we are bringing the overall body burden of heavy metals down in quantity. For future reference, a chart created by the Environmental Defense Fund provides more information about what fish are safe to consume: http://www.edf.org/documents/7534_Health_Alerts_seafood.pdf

“We must minimize our intake of toxins and remove toxins that reside in our bodies to allow for efficient absorption of nutrients in our foods and remedies.” Stephanie Ray, Founder & CEO, BioRay, Inc.

Guideline 4: Modify Your Child’s Diet to Optimize Detox Results
Diet for Compromised Children or those with Sensitivities
Based on clinical research and parental feedback, we recommend incorporating an organic Gluten Free / Casein Free diet as the first step in your child’s protocol. Emotional and physical discomforts are often related to diet. Children following the recommended dietary restrictions in a GFCF diet experience many benefits. A good resource: www.gfcfdiet.com

Diet for Children with a Neuro-typical Constitution
Minimize grains during this protocol. Most people (kids & adults) don’t chew grains well enough to utilize their nutritional value. Limiting grain intake is also advisable because many sources of grain turn into sugar, which feeds yeast, fungi, and parasites. Small amounts are okay, use common sense.

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Diet of Foods Recommended by Blood Type.
If you choose to follow these dietary guidelines, your child will be eating a diet of foods that have been found to be beneficial for their blood type, based on research and clinical work by naturopath Peter D’Adamo, which he discusses in detail in his book, *Eat Right 4 Your Type*. The basic blood type food lists in this book are useful for most of the people, most of the time. This diet is based on the theory that foods and supplements contain lectins that interact with cells depending on blood type. According to this theory, some foods or nutrients might be beneficial to one blood type, but harmful to the cells of another. Avoiding negative foods for your blood type minimizes blood agglutination, or sticky blood, which reduces oxygen through the blood. For more information about what blood type means for overall health, go to: http://www.dadamo.com.

Guideline 5: Make Sure Your Child Chews Their Food!
We cannot stress this enough. Chewing food well is one of the single most important things your child can do to assist the metabolic system. The process of digestion begins in the mouth when we chew our food. When we swallow bits of food too big to be properly digested in the stomach, our body is unable to extract nutrients or allow the food to pass through the digestive system in a healthy manner. Chewing food well maximizes bioavailability and increases saliva production. While we are chewing, the nervous system is sending signals to the rest of the gastrointestinal system to expedite the process of digestion and prepare ahead of time for each specialized role. Enzymes in saliva work to break down the food as we chew, lessening the burden on the stomach and minimizing putrefaction in the gut.

Ideally, every bite should be chewed to a liquid state. We recommend chewing each bite of food fifteen to thirty times. Your child will receive enormous benefits from learning this simple practice. You can play the train game with very small children, “choo-choo”.

Guideline 6: Liquid Intake.
Your child should begin each day with a glass of water with organic lemon squeezed into it. Staying hydrated during this protocol allows for toxins to be carried out through the necessary elimination pathways. If your child prefers - warm tea with honey it’s a good way to raise low blood sugar. Have your child drink clean water. Avoid tap water and find a reverse osmosis unit for your home if possible. Use 1 drop of NDF Plus™ to bind with chlorine if your child does drink tap water.

Guideline 7: Get to Know Your Child’s Remedies.
This protocol is for the detoxification of heavy metals, parasites, fungi, viruses, residual drugs and chemicals. It is designed to help eliminate acidity and restore the alkaline reserve in a child. The length of the protocol and intensity of the dosage must be adjusted according to your child’s status and response. All supplements are added into the protocol one at a time and the dose increased slowly to avoid and identify any negative reactions.

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1. **Have Your Child Eat Organically Every Day!** Our food supply has changed drastically. Far fewer minerals are found in produce due to the changes in cultivation and fertilization methods and the exhaustion of arable soil. Studies have shown that organic produce is twice as rich in some nutrients, contains more trace minerals and micronutrients than conventionally grown produce, and is free of toxic pesticides and disruptive hormones. And organic food just has more flavor. You can actually taste the difference!

2. **Lemon & Water:** We think of lemons as being acidic, but when they are fresh, they actually perform an alkalizing function in your body. Fresh lemon is an excellent stimulant to the liver and the digestive system. Have your child drink clean water. Avoid tap water and find a reverse osmosis unit for your home if possible. Use 1 drop of NDF Plus™ to bind with chlorine if your child does drink tap water.

3. **Meats or Proteins:** Your child can eat small amounts - that’s all the body needs! Chewing protein well is vital to keeping ammonia from forming in the blood and being transported to the brain.

4. **Vegetables:** Overcook vegetables. No raw or al dente foods for the length of the detox. Don’t worry; your child is getting plenty of nutrition! Your child’s daily intake of supplements on the Children’s Total Body Detox is complete, providing them with everything their body needs. Eating warming foods opens and promotes good digestion. Cooked foods are easy for the body to break down while “tricking” the metabolism into continually being activated. Raw or cold foods close the digestion down; an effect we want to avoid when cleaning out the GI and colon.

5. **Soups:** Vegetable or meat stock works well as a base for your soup. Cooking a whole organic chicken overnight stuffed with a couple of Chinese herbs like tang kuei, rehmannia, and jujube are a wonderful way to get nutrients. Soups are a perfect way to prepare your heartier vegetables, such as root vegetables.

6. **Avocado:** Avocados contain folate, potassium, monounsaturated fats (good fat that assists with the bad) and are very high in fiber – 10 grams in only one avocado. They also contain 30% more potassium than a banana and 81 micrograms of lutein, which maintains healthy eyesight.

7. **Olive Oil:** Use this for your dressings and sauces. The protective function of olive oil has a beneficial effect on the secretion of bile and pancreatic hormones. Olive oil is also very well tolerated by the stomach. Extra virgin olive oil, from the first pressing of the olives, contains higher levels of antioxidants, particularly vitamin E and phenols, because it is less processed.

8. **Sea Salt:** Whole sea salt contains magnesium chloride and magnesium bromide, which are easily assimilated and metabolized in the human body.

9. **Honey:** This natural sweetener contains 22 amino acids, as well as a variety of vitamins, anti-oxidants, and minerals. Also easy on the digestion.

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Liver Support Vegetables

- Dark leafy vegetables and orange, yellow, purple, and red colored vegetables contain living organisms, fiber, vitamin C, natural antibiotic substances and phyto-nutrients.
- Asparagus, broccoli and chlorella are good sources of glutathione, and avocados help the body produce glutathione and are a good source of poly and monounsaturated fats.
- Bitter vegetables such as dandelion greens, mustard greens, and broccoli rabe help cleanse the liver.
- Herbs such as dill, caraway seeds, garlic, onions, turmeric and cayenne help protect the liver.

Let's Start!

1. Chew all foods to a liquid. This takes the pressure off your child’s digestive system, as it is difficult to digest unmanageable or large pieces of food.

2. Avoid exposure to chlorine, fluorine, and other household or hygiene chemicals. We are detoxing chemicals and want to avoid increasing the body burden.

3. Withdraw negative foods for your child’s blood type. This assists in making oxygen available in the blood. Follow a casein-free, gluten-free diet for optimal results.

4. Eliminate seafood from your child’s diet. We are detoxing heavy metals and fish are too contaminated with toxic levels of heavy metals. After completing this 45 day program you can re-incorporate them into your child’s diet, choosing those on the safe list and keeping your child’s organs of elimination in good health so that they are able to excrete any toxins they may ingest.

5. During the 2-hour period following the addition of a supplement or an increase in the dose pay close attention to child and notice if they experience any changes in how they feel. Feeling the same or better is good, if they feel worse; revert to the previous dosage level of the remedy or discontinue it and ask for assistance. A healing crisis is neither required nor beneficial – take activated charcoal capsules if one does occur and increase your child’s water intake. If your child is not having at least 2 bowel movements per day increase the dose of Oxy Powder™. **Remember, if the bowels are not moving regularly, no progress can be made in regaining a healthy body.**

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## Steps and Products

<table>
<thead>
<tr>
<th>STEPS TO A BALANCED BODY</th>
<th>PRODUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Move the bowels at least 1-2 times a day</td>
<td>Oxy Powder</td>
</tr>
<tr>
<td>Check first morning urine with pH sticks. Desired range 5.5 - 5.8</td>
<td>pH Stix</td>
</tr>
<tr>
<td>Support the liver and kidneys, open Phase 1 &amp; 2 detox pathways, promote draining toxins and acidic waste</td>
<td>Liver Life</td>
</tr>
<tr>
<td>Push unfriendly bacteria out of the gastrointestinal tract and colon, prepare for recolonization with live probiotics</td>
<td>CytoFlora</td>
</tr>
<tr>
<td>Enzymes to assist breakdown of foods for easier assimilation</td>
<td>Proteolytic Enzyme (such as TriEnza)</td>
</tr>
<tr>
<td>Support and protect cells from toxins (protect against free radical damage)</td>
<td>Vitamin C (such as Thorne’s Buffered C)</td>
</tr>
<tr>
<td>Support nervous system and brain, balance fatty acids</td>
<td>Organic Omega Oil (such as Essential Balance Jr.)</td>
</tr>
<tr>
<td>Add in support minerals</td>
<td>Minerals (such as Brainchilds’ Spectrum Support Minerals)</td>
</tr>
<tr>
<td>Support healthy immune function (interferon A) and inhibit the release of histamines</td>
<td>Loving Energy</td>
</tr>
<tr>
<td>Re-establish healthy flora balance and support intestinal immune functions</td>
<td>Live Beneficial Probiotic (such as Vital 10)</td>
</tr>
<tr>
<td>Address larger parasites</td>
<td>K-min</td>
</tr>
<tr>
<td>Beneficial yeast from mangosteen and lychee, assists with diarrhea, night wakings, excessive silly behaviors.</td>
<td>Saccharomyces Boulardii</td>
</tr>
<tr>
<td>Go after microscopic parasites, fungi, and yeast.</td>
<td>Artemisia &amp; Clove</td>
</tr>
<tr>
<td>Begin safe heavy metal and chemical detoxification</td>
<td>NDF Plus</td>
</tr>
<tr>
<td>Use activated charcoal if any aggravation occurs</td>
<td>Activated Charcoal - Nature’s Way</td>
</tr>
</tbody>
</table>

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Supplements

Children’s Total Body Detox Supplement Guide

Day 1 / Oxy-Powder

When the bowels are moving at least twice a day, the ability to get rid of toxins increases and aggravating behaviors decrease. Constipation causes toxins to be reabsorbed into the body. Oxy-Powder cleans out the colon and bowels.

This supplement is in capsule form. Capsules can be opened up and mixed with water, juice or foods. Continue maintenance dose throughout protocol or as needed.

Intake:  
- Under 40 lbs: Start with 1 capsule before bed.  
- 40-75 lbs: Start with 2 capsules before bed.  
- Over 75 lbs: Start with 3 capsules before bed.

Make sure your child is well hydrated; ramping up the dose until bowels are moving daily. Those with low hydrochloric acid may need fresh squeezed lemons (can be given as fresh squeezed lemonade) for best results.

For individuals with chronic diarrhea, a trial of Oxy-Powder is recommended to assist with cleansing the bowels and clearing out any obstructions.

Day 4 / Liver Life™

When our liver is functioning at optimal levels, we are more efficient at filtering out yeast, heavy metals, chemicals, metabolic waste, etc. Aggravations during detox mean your child is mobilizing more toxins than the organs can comfortably excrete. Decongesting the liver increases its ability to decrease the body’s toxic burden. The liver is the only organ that impacts every physiological process in the body and can clean the blood. During detox it is imperative to make sure the body’s main filter is supported.

Intake: Start with 1 drop, twice a day, between or before meals. Increase by 1 drop per day as tolerated. If your child shows aggravations (cold/flu-like symptoms, rash or a regression in skills), decrease the dose. This supplement can be diluted in water or juice.

Maximum dose by weight:  
- Under 40 lbs - max dose is 30 drops a day (15 drops, twice a day)  
- 40-75 lbs - max dose is 4 dropper full a day (2 dropper full, twice a day)  
- Over 75 lbs - max dose is 6 dropper full a day (3 dropper full, twice a day)

Day 7 / CytoFlora™

A significant decrease in friendly bacteria and a high level of unfriendly pathogenic bacteria can suppress the immune system. CytoFlora™ corrects intestinal dysbiosis, by driving pathogens from the gastrointestinal tract and creating an environment for healthy intestinal flora to colonize and thrive.

Intake: Start with 6 drops working up to 2 – 5 dropper fulls (52 - 130 drops) in water or juice twice a day. Dosage is related to improvement.

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Supplements

Day 9 / Proteolytic Enzymes (such as TriEnza)
Enzyme supplementation is beneficial in healing the intestines, eliminating or decreasing reactions from food intolerances, increasing gastrointestinal secretions, and absorbing nutrients more efficiently.

Intake: 1-2 capsules with each meal.

Day 12 / Vitamin C (such as Thorne’s Vitamin C with BioFlavonoids)
Vitamin C helps restore deficiencies caused by toxins and protect individual cells and organs from damage. Have your child take increasingly large amounts of vitamin C each day until his or her body reaches the vitamin C saturation point. Going beyond that level, vitamin C becomes a laxative. Below are daily doses, you may split up the total recommend dose by 2 or 3 and administer smaller amounts throughout the day.

Daily Intake:
- Under 30 lbs / 1500 mg
- 30 - 50 lbs / 2500 mg
- 91 - 110 lbs / 5500 mg
- 111 - 130 / 6500 mg

Day 18 / Omega Oil 3, 6, 9 (such Omega Nutrition Essential Balance Jr. Organic Oil)
Nourish brain and nervous system. Balance fatty acids.

Intake:
- 6 months – 2 years 1/4 tsp every other day
- 2 years – 5 years 1/2 tsp daily
- 5 years – 12 years 1 tsp daily
- 13 years and up 2–3 tsp daily

Day 20 / Minerals (such as Brainchild Spectrum Support Minerals)
Minerals are vital for proper detoxification to take place. Adequate supplementation prevents toxic metals from attaching to empty binding sites.

Intake: Start with 1/8th of the full dose and ramp up as tolerated. This supplement can be diluted with water or juice.

Day 22 / Loving Energy™
Loving Energy™ is a restorative and calming remedy used for relieving stress, exhaustion, support of the lungs and adrenal system. It’s known to replenish the kidney energy in Traditional Chinese Medicine. It has a cooling effect, which means that it counters conditions that create heat like inflammation, histamines, etc. Loving Energy™ is generally a well tolerated tonic remedy and does not produce any type of detox reaction.
Supplements

**Intake:** Start with 6 drops to ensure there isn't sensitivity to any ingredients in the remedy. If well tolerated, ramp up to full therapeutic dose.
- **Under 40 lbs:** 1 dropper in water or diluted juice, 2 x a day.
- **40 lbs and up:** 2 droppers, 2 x a day.

**Day 23 / Live Beneficial Probiotics (such as Klare Labs Vital 10™)**

Vital 10™ is a multi-strain of live probiotics formulated to mimic the natural GI flora. Synergistic strains provide wide coverage across both the small and large intestines, helping to maintain a healthy flora balance and support intestinal immune functions.

**Intake:** 1/4 tsp 2x per day in water or juice.

**Day 25 - 31 / K-min**

Parasites release neurotoxins that alter moods, acidify and damage tissue, and obstruct organ function. K-min is effective for larger parasites like roundworms, pinworms and tapeworms. **Continue for 7 days.**

**Intake:** Under 60 lbs: 1 capsule with water or diluted juice, 2 x a day with meals.
- 60 lbs and up: 2 capsules, 2 x a day with meals.

**Day 26 / Saccharomyces Boulardii**

Saccharomyces Boulardii is healthy yeast that helps to eliminate pathogens that cause diarrhea, night wakings, excessive silly behaviors. Keep on hand for the whole family when traveling.

**Intake:**
- Under 60 lbs: 1 capsule opened in water or diluted juice, 2x a day.
- 60 lbs and over: 2 capsules opened in water or juice, 2x a day.

**Day 28 / Artemisia & Clove™**

Artemisia & Clove™ has clinically proven action against microscopic parasites including entamoeba histolytica, blastocystis hominis, entamoeba hartmanni, cryptosporidium parvum, entamoeba coli, balantidium coli, dientamoeba fragilis, ascaris lumbricoides, giardia lamblia, chilomastix, and in some patients, candida and other fungi.

Ramp up to full therapeutic dose and continue Artemisia & Clove™ for two weeks. **Stop for 7 days.** Reintroduce at full dose for two more weeks. Parasite eggs have a 21-day cycle; this ensures that the eggs are addressed as well. Total time used at full dose - 4 weeks. Artemisia & Clove™ has a strong clove taste; adding to organic grape juice is recommended as it tastes similar to grape cider.

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Supplements

**Intake:** Under 40 lbs: Start with 1-3 drops, ramping up to 1 dropper (26 drops), 2x a day on an empty stomach.
40-75 lbs: Start with 3-6 drops, ramping up to 2 droppers (52 drops), 2x a day on an empty stomach.
Over 75 lbs: Start with 8-12 drops, ramping up to 4 droppers (104 drops), 2x a day on an empty stomach.

As with all herbals, after the first dose wait to see if there is stomach upset. If there is no reaction within one hour, then proceed. If there is a mild stomach reaction, take dose with food.

**Instructions for intake of A&C for sensitive individuals**

If your child is very sensitive or reactionary to many substances, try the following: give them Artemisia & Clove with either Aztec Healing Clay in purple grape juice or 1 activated charcoal pill spaced 15 minutes away from the dose. Continue to increase Liver Life to top intake per weight. Be sure to always measure pH first thing in the morning before your child eats, drinks, or brushes his or her teeth.

**Day 60 / NDF Plus™**

Heavy metal toxicity causes deep systemic disruption in internal body chemistry and cellular communication. This can differ from person to person due to individual biochemistry, imbalances or disruptions in the body. Heavy metals are naturally excreted through the urine, feces, and sweat glands. But when the natural eliminatory routes are compromised, and our exposure is increased, we begin to experience toxic effects.

An important step in keeping our children healthy overall is to focus on eliminating toxins and environmental pollutants from their bodies. **NDF Plus™** plays an essential role in this process. As an all-natural organic chelator, **NDF Plus™** is safe and can be used every day to gently remove mercury, lead, cadmium, platinum, aluminum, cobalt, tin, arsenic, thallium, tungsten, nickel, antimony, gallium, lithium, and uranium, as shown in Urine Toxic Element laboratory results with Genova and Doctor’s Data Labs. **NDF Plus™** has also been noted to bind to insecticides, chlorine and related chemicals (AM Test Laboratories). 80% of the heavy metals and chemicals that **NDF Plus™** binds to are removed within the first two urinations after each dose. It contains naturally occurring beneficial vitamins, minerals, amino acids, and enzymes and has been shown in laboratory tests to bring essential elements back into balance.

**Intake:** Start with 1 drop, 2x a day, in 6 - 10 ounces of filtered water or juice on an empty stomach. Increase by 1 drop every 2 weeks or as tolerated. Max dose: 1 dropper full (26 drops), 2x a day.

**Diluted dose** for very sensitive children: Put 1 drop of **NDF Plus™** in 6 ounces of water or juice on an empty stomach. Take 1 tsp of this dilution, 2x a day. Ramp up by 1 tsp every 2 weeks. When diluted, **NDF Plus™** must be stored in the refrigerator and is fresh for up to 2 weeks.

(949) 305-7454 US Toll Free (888) 635-9582 www.bioraynaturaldetox.com
Supplements

Aggravations
If aggravations are seen, including cold/flu symptoms, rash, irritability, frustration, stomachaches, worsening of behaviors, decrease the dose or stop the NDF Plus™ and wait until the aggravations go away. Restart at the last dose the child tolerated. If the child just started using NDF Plus™, and is at 1 drop, reintroduce using the diluted dose of NDF Plus™. If aggravations persist, activated charcoal can be given to absorb excess toxins. Change in stools is not usually considered an aggravation.

Activated Charcoal
Activated Charcoal can be taken at any stage of this program to absorb excess toxins the body cannot excrete. Aggravations appear when the body’s toxic burden is greater than the organs can comfortably eliminate. If any aggravations are seen, including cold/flu symptoms, rash, irritability, frustration, stomachaches, worsening of behaviors, we recommend activated charcoal. Give water every hour and increase bowel movements.

Intake: 1-2 pills with water, repeat as needed.

Length of Protocol
This is a 4-month protocol at top doses of each product. The length of this protocol may vary and will depend on dosage tolerance, response and lifestyle choices. To evaluate progress at the end of the protocol, request that your child’s practitioner repeat initial labs performed and fill out another BioRay Health Questionnaire and ATEC.

Using this Total Body Detox Guide will assist you in using products, methods, and appropriate dosages for your child. Noticing what is working for your child and what is not will enable you to further fine-tune his or her protocol, in a “trial and error” method. Our goal is to combine our clinical knowledge and experience with your parenting expertise and instincts to achieve the best individual results for your child. Please call or email us with any questions or concerns.

Note: These recommendations do not replace any suggestions or support from your child’s primary care provider.

“I am using Liver Life with my patients in clinic and I am seeing remarkable results in many areas. The ASD children are more calm and relaxed, and I have noticed some of my adult patients with elevated liver enzymes have had a significant decrease in these levels after only two months on Liver Life. My patients that suffer from recurring allergies also report a decrease in allergy symptoms.”

- Dr. Hitendah Shah, MD

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### Children’s Total Body Detox Protocol Calendar

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<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
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<tr>
<td>Start Oxy Powder</td>
<td></td>
<td></td>
<td>Start Liver Life</td>
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<td>Start CytoFlora</td>
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<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
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<td>14</td>
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<tr>
<td></td>
<td>Start Proteolytic Enzymes</td>
<td></td>
<td></td>
<td>Start Vitamin C</td>
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<td></td>
<td></td>
<td>Start Omega Oil</td>
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<td>Start Minerals</td>
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<tr>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
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<tr>
<td>Start Loving Energy</td>
<td>Start Live Probiotics</td>
<td></td>
<td>Start K-Min</td>
<td>Start Saccharomyces Boulardii</td>
<td></td>
<td>Start Artemisia &amp; Clove</td>
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<tr>
<td>29</td>
<td>30</td>
<td>31</td>
<td>32</td>
<td>33</td>
<td>34</td>
<td>35</td>
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<tr>
<td></td>
<td></td>
<td>Stop K-Min</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>36 - 59</td>
<td>60</td>
<td>61 - 124</td>
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<tr>
<td>• Continue using products as instructed.</td>
<td>Start NDF Plus</td>
<td>• Continue using products as instructed.</td>
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<td></td>
<td></td>
<td>• Once top doses of all supplements have been reached, continue for 6 to 12 weeks</td>
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<td>• The length of this protocol may vary and will depend on dosage, response, and lifestyle choices.</td>
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<td>• At the end of the protocol, re-test any labs performed with your practitioner, and fill out another BioRay Health Questionnaire and ATEC to evaluate progress.</td>
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</table>
## Supplement Intake Guide

**Children’s Total Body Detox Supplement Intake Guide**

The following supplements are added into the protocol one at a time and the dosage is increased slowly to avoid and easily identify any aggravations.

<table>
<thead>
<tr>
<th>HERBS &amp; SUPPLEMENTS</th>
<th>SUGGESTED INTAKE</th>
<th>TIMES A DAY</th>
<th>OK TOGETHER</th>
<th>BETWEEN MEALS ON EMPTY STOMACH</th>
<th>WITH MEALS</th>
<th>AT BEDTIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxy-Powder</td>
<td>1-3 caps or as needed</td>
<td>1</td>
<td>No</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Liver Life™</td>
<td>1 drop – 3 droppers</td>
<td>2</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CytoFlora™</td>
<td>6 drops – 2 droppers</td>
<td>2</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proteolytic Enzyme (such as TriEnza)</td>
<td>1-2 caps</td>
<td>3</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vitamin C (such as Thorne’s Buffered C)</td>
<td>1500 - 6500 mgs</td>
<td>2-3</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organic Omega Oil (such as Essential Balance Jr.)</td>
<td>1/4 - 3 tsp</td>
<td>1</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minerals (such as Brainchilds' Spectrum Support Minerals)</td>
<td>1/2 - 3 tsp (see intake on label)</td>
<td>2-3</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Loving Energy</td>
<td>1-2 droppers</td>
<td>2</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Live Beneficial Probiotic (such as Vital 10)</td>
<td>1/4 tsp</td>
<td>2</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K-min</td>
<td>1-2 caps</td>
<td>2</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saccharomyces Boulardii (As needed when on Western medicine or when traveling)</td>
<td>1-2 caps</td>
<td>2</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Artemisia &amp; Clove</td>
<td>1 drop - 4 droppers full</td>
<td>2</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NDF Plus</td>
<td>1 drop - 1 dropperful</td>
<td>2</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activated Charcoal (As needed in the case of an aggravation)</td>
<td>2 - 4 pills</td>
<td>As needed</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Frequently Asked Questions

1. Thirty to fifty times per bite of food is a lot of chewing and it grosses my daughter out. Is it necessary?
   It is extremely beneficial, so just do your best to encourage your child to do this! Most people eat a sandwich in three bites and swallow. It sits in the gut and putrefies or ferments. Once she gets used to chewing each bite to a liquid it averages about 30 times per bite.

2. How many bowel movements should my child have in a day?
   At least two bowel movements a day and up to 3 - 4 is a good average while detoxing.

3. If my child gets a headache, what should I do?
   This can be a symptom of a healing crisis, so it would be appropriate to give 1 - 2 charcoal capsules and have the child drink juice or water with fresh lemon juice throughout the day. Make sure that your child’s bowels are moving daily.

4. Is it okay to give my child the remedies together at one time or do I need to space them out?
   Spacing the remedies throughout the day keeps the detox balanced and is the preferred way to ingest them. But if trying to space them out means that your child won’t end up taking them all, go ahead and take them together. The exception is Oxy Powder™, which must be taken separate from food and other remedies.

5. What if my child doesn’t tolerate every supplement that was recommended but not included in the protocol? Can he still benefit from the Total Body Detox?
   Yes. The supplements recommended in this protocol, Vitamin C, omegas, minerals, etc, ensure the most efficient & effective detox. If your child is already using a product similar to what is recommended, it’s beneficial to continue using that product.

6. What if my child self limits himself and will not eat any of the foods that you recommend that are gluten and casein free as well as part of his blood type?
   Many kids refuse to eat anything but foods that contain gluten and casein due to the opiate effects it has in their system. For this very reason these foods should be eliminated and/or slowly filtered out of their diet. Including foods beneficial to your child’s blood type will assist. Children who refuse foods due to sensory issues is often due to low nutrients like zinc and magnesium. Your child’s sensitivities will decrease as liver function is restored and the absorption of these nutrients increases. Do your best and if you need additional suggestions, please let us know.

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7. What does it mean if my child’s morning pH is higher than the desired range of 5.5 - 6.2?
   This indicates that your child’s liver’s ability to detox is not operating at optimum levels. In particular it means that the Phase 1 and 2 detox pathways in the liver are probably congested. Gradually increase intake of Liver Life. Have your child drink more fresh lemon in water. Add in more foods that support liver function, as recommended earlier in the booklet. Log onto our blog and let us know what’s happening for your child.

8. Should I be giving my child the morning remedies before breakfast, and does it matter how close to to eating he takes them?
   Give your child the morning remedies any time between waking up and 20 minutes before breakfast. If he takes them with breakfast that’s okay, but they are more effective on an empty stomach.

9. What is a “healing crisis” and how do I know if my child is having one?
   A healing crisis occurs when there are more toxins being removed than the organs can comfortably excrete. Signs or symptoms may be headache, achy joints or constipation.

10. Can the liver support veggies be eaten raw?
    No, it is easier on the digestion and therefore a more effective protocol if they are cooked.

11. How often is it recommended to do the Children’s Total Body Detox?
    1 or 2 times per year. It is essential to do this detox once a year to rid your child’s body of parasites, yeast, heavy metals, and fungi.

12. After completing the BioRay Total Body Detox, is it okay to allow my child to start eating fish again? Does this mean I’ll be putting heavy metals right back into my child’s system?
    It is okay to add a fish back into your child’s diet if you are conscientious about making informed decisions regarding eating fish that are considered “clean”, meaning free of or low in heavy metals. You can download a guide that will tell you what kinds and quantities of fish are safe to eat from websites such as the Environmental Defense Fund website (www.edf.org/page.cfm?tagID=1521) Give your child NDF as a preventative measure before and after any meal that includes fish. You’ll keep heavy metals and chemicals at a minimum this way, excreting them before they can lodge somewhere in your child’s body.

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13. Why do we need to start so slow?
If your child’s dosage of Liver Life™ is too high at first, some of the excess acids may not be able to drain efficiently; this may result in a mild healing crisis. Symptoms your child may experience as a result of a healing crisis are flu-like symptoms and/or skin rash. If your child experiences any of the symptoms listed above, lower the dose by half; if symptoms persist supplement 2-3 doses of activated charcoal to absorb excess acids, then continue Liver Life™ protocol at reduced dose.

14. How long should Liver Life™ be taken?
Supporting the liver throughout detox is essential to a successful outcome. Continue increasing the dose of Liver Life until your child reaches maximum dose.

In polluted areas, when using poor quality or chlorinated water to cook, bathe in or drink, eating inorganic foods and during emotional stress, when indigestion or mild constipation is present, it is beneficial to take some Liver Life™ a few times a week. This can also be gauged according to pH. If the urine pH is at 5.8, but the saliva is staying out of range (less than 6.8, higher than 7.2) resume the Liver Life™ as more acids need to be drained.

15. What positive changes should I expect to see in my child?
As a result of adding Liver Life™ to their child’s detox protocol parents have reported better social skills, improved communication, appropriate speech, more focus, better comprehension and ability to do school work, much more calm, consistency in day to day abilities, better absorption of nutrients from foods which enables them to decrease mega doses of vitamins and minerals, decrease in food sensitivities, and better stools.

16. Why does the Liver Life™ protocol say that I need to decrease other supplements as I ramp up the dose?
When the liver is working properly we are more efficient at assimilating nutrients from food. A concentrated supplement may suddenly become too much for your child. During the first week, as you ramp up the dose of Liver Life™, it may be necessary to decrease additional supplements. Our clinical research has shown when the mineral and vitamin supplement doses are reduced by half, children experience more significant gains.

17. Do I have to give my child NDF Plus for Liver Life™ to work?
No. Liver Life™ is effective as a single remedy. For the most effective detox, we do recommend beginning any detox protocol with Liver Life™ followed by NDF Plus™.

18. What other things can be done to help balance pH?
Many foods can assist in restoring pH. Fresh squeezed lemon juice is one of the
Frequently Asked Questions

most effective alkaline forming foods. For additional alkaline forming foods you can go to http://www.essense-of-life.com/info/foodchart.htm.

19. Can Liver Life™ be taken at the same time as other supplements?
Yes. However, for maximum efficacy give Liver Life™ 15-20 minutes before other supplements or meals.

20. Do I need to test my child’s urine pH daily?
We recommend checking your child’s pH daily for the first week. After the first week test urine pH about once a week to make sure your child is at the proper dose of Liver Life™. Once pH is stabilized, testing once every 2 weeks is advised.

21. What is CytoFlora?
CytoFlora is a cell wall lysed probiotic tincture that is used to improve gut function and promote a healthy balanced immune response.

22. How is CytoFlora different than live probiotics?
CytoFlora contains beneficial bacteria that have been cell wall lysed (decimated), releasing the vital substances and nutrients from the cell wall and cytoplasm. These immune system modulators exist inside the cell of healthy bacteria and are not readily available in most probiotic formulas. BioRay’s proprietary manufacturing process makes CytoFlora a unique and potent lysed probiotic tincture. CytoFlora does not promote colonization. It pushes pathogens out of the gastrointestinal tract and colon, and is a food source (prebiotic) for live beneficial bacteria.

23. What were the results of the 35 day intervention study with CytoFlora?
The results of BioRay’s intervention study with 10 immune compromised and autistic children showed statistically significant improvements in all areas. The Immunobilan panels from VIP Dx reveal a 55% decrease in IgA and 27% decrease in IgM to enteric bacteria and a 30% improvement in ATEC (Autism Treatment Evaluation Checklist) scores.

24. Why does everyone start out at the same dose of NDF Plus™? Doesn't age and weight matter?
Dosing of NDF Plus™ is based on tolerance, not age or weight. We recommend kids start out on 1 drop. If your child is very sensitive to other treatments start off with the diluted dose of NDF Plus™, as indicated in the Children’s Brochure. Some factors that may influence the tolerance of NDF Plus™ are: their ability to drain acids from the body, liver functions, level of toxicity, and other supplements they are taking. The dose should be high enough so that your child has a positive response and low enough so there are no aggravations.

25. What is the maximum dose of NDF Plus™?
1 dropperful of NDF Plus™, twice a day.
Frequently Asked Questions

26. How soon should I see results?
   Some parents have reported results after the very first dose. If you don't see any positives one week after starting, the dose may need to be increased. If you see any negatives, the dose needs to be decreased.

27. Is NDF Plus™ really a chelator?
   The chlorella cell wall in NDF Plus™ is a mucopolysaccharide (non-metal) ion exchange resin, and forms both ionic and double bonds with the metals it comes into contact with. It can therefore be thought of as a chelator. NDF Plus™ is manufactured with the exact methodology used to produce a ionic bond, a bond that completely encloses the bound metal material and this in addition to the ion exchange resin in the chlorella cell wall.

28. What are the aggravations that I should watch for when I am ramping up my child's dose of NDF Plus™?
   Aggression, irritability, frustration, crying, self stimulatory behaviors, not being able to focus or concentrate, rashes, stomach aches, flu like symptoms, worsening of any behaviors, anything that would indicate the child was under stress would be considered an aggravation. Change in stools is not usually considered an aggravation.

29. What do I do if my child has an aggravation?
   Stop the NDF Plus™ and wait until the aggravations go away. Restart at the last dose the child tolerated. If the child just started using NDF Plus™, and is at 1 drop, reintroduce using the diluted dose of NDF Plus™. If aggravations persist, activated charcoal can be given.

30. What benefits have others seen when using NDF Plus™ with their child?
   Better speech, increased communication, more focus, improved social behaviors and ability to do work at school, decrease in sensory issues, increase in abstract thoughts, more calm, decreased allergies, more typical behaviors and more independence.

31. Do I have to give my child Liver Life™ to have the NDF Plus™ be effective?
   The liver needs support during any detox program. You do not have to use Liver Life™ for the NDF Plus™ to work. But the NDF Plus™ can be more effective by incorporating Liver Life™ into your detox program. Draining acids in the body, restoring pH, normalizing enzymes and restoring liver functions may enable the dose of NDF Plus™ to be ramped up more quickly. The higher you ramp the NDF Plus™ dose up, the faster toxins can be excreted.

32. Why do I wait for my child's urine pH to be 5.5-6.2 before adding in NDF Plus™?
   As you start NDF Plus™, the acids in the body will be excreted at a faster pace. If your child is not draining acids already, there is a higher chance for aggravations.
33. **Is NDF Plus™ safe to give with prescription chelators?**

Parents have reported using both NDF Plus™ and prescription chelators together with great results. If given in combination with NDF Plus™, the drugs will go straight for the metals, dislodge them, and then the NDF Plus™ will increase the elimination in a synergistic way. NDF Plus™ also has the ability to move metals out of the intracellular spaces, which the drugs cannot do. This is why you see an increase in the metals eliminated when you add NDF Plus™ into an existing drug protocol.

Because NDF Plus™'s ingredients are natural and whole, they do many beneficial things in the body, many of which are not currently measured. Alternatively, drugs are an engineered or mechanistic approach, only go after the metals, and are thus easier to measure. However, they do create terrain damage (hence the side effects), whereas NDF Plus™ does not (no side effects, at most a minor healing crisis with a too-high dose.)

34. **What if I can't get my child to drink enough after his dose?**

If your child doesn't drink much, we recommend putting your child's current dose of NDF Plus™ in their drink which can be taken throughout the day. This will ensure that they are being hydrated while using the NDF Plus™.

"My son never slept through the whole night. After Liver Life he began sleeping better and since I added NDF Plus, he has slept every night through the night!"

Simone
About Stephanie Ray and BioRay

With twenty years of experience in herbal medicine, Stephanie brings to her position as CEO of BioRay Natural Detox Company a wealth of formulating knowledge, clinical experience and a commitment to providing the highest quality organic products along with comprehensive information and excellent customer support. BioRay’s customers are like family. “At BioRay we are dedicated to environmental and social responsibility on every level. We conduct research, provide support and educate our customers based upon the philosophy that we all live downstream. It is our desire to inspire our customers with our formulas and help create vitality in their lives.”

BioRay began as a collaboration between Stephanie Ray and her then husband, Dr. Timothy Ray, OMD, L.Ac. Together they operated five traditional Chinese and Biological Medical Clinics in Santa Monica, California over a fourteen-year span of time. Founding BioRay in 1991 was a beautiful synergy of clinical experience and formulating knowledge. Stephanie is one of BioRay’s three formulators. She lectures and writes about the impact environmental toxins have on children and adults, and works to partner BioRay with other environmentally concerned industries and companies that share her vision.

BioRay products were created in clinic and are manufactured by integrating clinically tested ingredients with proprietary methods. Committed to quality and maintaining the integrity of each formula, BioRay blends its products in small, personally attended batches. BioRay utilizes the extraordinary balance of nature and science to create whole food supplements that support health, vitality and our environment.

BioRay, Inc.
The Natural Detox Company
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