



7 SIGNS OF A SOUND GUT SATURDAY, JUNE 14 • VIRTUAL



"All disease begins in the gut"

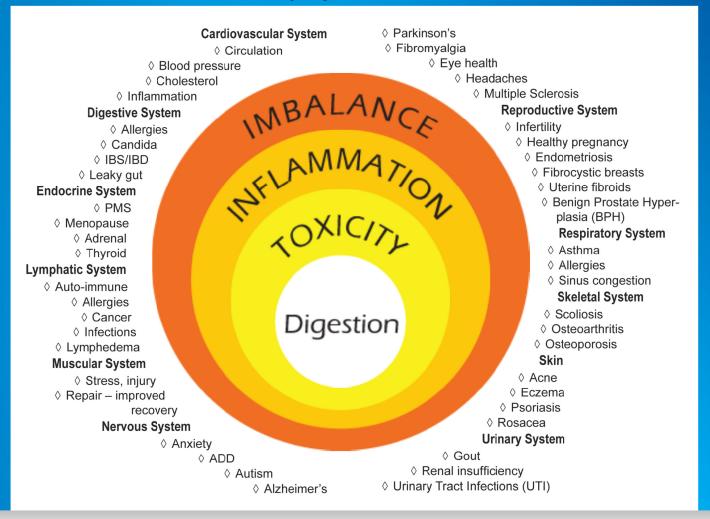
Hippocrates







The Ripple Effect





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Tackling Leaky Gut

- Gastrointestinal Dysfunction (aka Leaky Gut Syndrome) is an extremely common problem, but one that is poorly recognized and rarely tested for.
- Leaky Gut Syndrome (LGS) occurs when the permeability
 of the gut wall is compromised and large spaces
 develop between the cells of the gut wall, allowing
 bacteria, toxins, and food particles to enter the blood
 stream.





Tackling Leaky Gut

- This initiates an immune response to the pathogens as well as food proteins and leads to a chronic overstimulation of the inflammatory process.
- The signs and symptoms of leaky gut are not unique, thus any signs and symptoms that look like a compromised immune system or an autoimmune disorder may be associated with a leaky gut.





The Leaky Gut Epidemic

- Poor diet, chronic stress, toxic overload, and bacterial imbalance compromise digestion and have caused leaky gut to reach epidemic proportions.
- As a result, we are seeing a continuous rise in chronic diseases and conditions such as Diabetes, Heart Disease, HTN, Hypothyroidism, Arthritis, ADD, Hormone Dysregulation, etc.





Common Methods to Heal Leaky Gut

- Remove inflammatory foods and eliminate toxins that damage the gut
- Reduce stress
- Use of specific supplements like L-Glutamine,
 Collagen Powder, Anti-Fungals, Licorice, N-acetyl
 Glucosamine, Quercetin
- Healing foods like bone broth, fermented veggies, and raw cultured dairy





The Missing Link

- People are continuously being advised to take various supplements, herbs, and vitamins or to eat a certain diet in order to improve LGS.
- Yet no focus is placed on ensuring that whatever is being taken is also being digested and absorbed.
- We must ensure that the therapies we are recommending to patients are being utilized by the body effectively and not creating more inflammation due to an inability to digest these healing components.





Benefit of Digestive Enzymes & Probiotics

- Digestive enzymes are the catalysts which allow us to break down foods into absorbable nutrients.
- Once nutrients are available through effective digestion,
 Systemic enzymes (proteases) help ensure optimal blood flow and delivery of nutrients to the cells while breaking down inflammatory proteins in the blood reducing inflammation.
- Probiotics at bedtime to maintain good microflora within the GI tract and promote healthy elimination.







 Thrive in 63 is a wellness program that has been shown to help restore gut function in as little as 63 days with enzyme therapy and the right diet.





The Effects of Nutrition & Enzyme Therapy on Gastrointestinal Dysfunction

An Evidence-Based Clinical Review from Transformation Enzyme Corporation

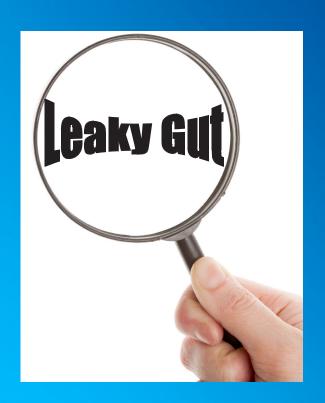






We Searched for 10-20 Participants

- Abdominal pain
- Respiratory congestion
- Skin issues
- Chronic Pain
- Frequent infections







Transformation's Foundation Protocol

Musculo-Skeletal
Endocrine Reproductive
Respiratory Urinary Skin
Cardiovascular Digestive Immune Nervous

DIGEST PROBIOTIC PROTEASE



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Baseline Data collection

- Comprehensive Symptom Survey
- Bod Pod® body composition assessment
- LRA by ELISA/Act® food sensitivity assay
- Cyrex[™] antigen test
- Genova Diagnostics (GDX) stool analysis
- Intestinal Permeability lactulose / mannitol urine test
- Labcorp complete blood panel





Protocol - Nutrition

- Approved Food List
- 9 weeks of Meal Plans with Grocery List
- Daily Anti-inflammatory Menus
- Recipes
- Enzyme Protocols
- Food Journal







Protocol - Enzymes

Initial Protocol

- 3 DigestZyme + 1 PureZyme with every meal
- 3 GastroZyme following every meal
- 3 PureZyme + 3 Plantadophilus at bedtime

Advanced Protocol

- 1 TPP Digest + 1 TPP Protease with meals
- 1 TPP Gastro following meals
- 2 TPP Protease + 1 TPP Probiotic 42.5 at bedtime





Baseline - Symptom Survey

HEALTH PRIORITIES

```
93%
       Digestive disorders (gas, bloating, constipation, diarrhea)
       Skin disorders (eczema, psoriasis, rashes, hives, dry)
71%
57%
       Allergies
57%
       Hormones
       Pain
50%
       Headaches
43%
       CFS / fatigue
       Immunity (freq infections, auto-immune)
29%
21%
       Mood
21%
       Weight
14%
       Brain fog / memory loss
14%
       Hair loss
       Misc (poor sleep, asthma, heart health, vertigo, healthy aging)
```







Weekly Follow-Up Survey

Feedback regarding symptoms:

- More constipation reported in the beginning
 - This improved as the study progressed
- Far less bloating and more comfortable at bedtime
- Better sleep
- Improved energy
- Occasional signs and symptoms of detox





Comprehensive Symptom Survey

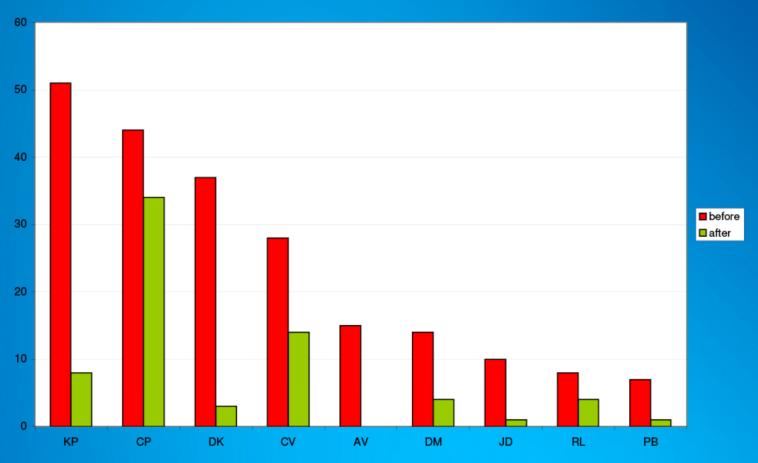
	# symptoms	# improved	% improved
DK	102	96	94%
AV	71	62	87%
KP	107	92	86%
PB	20	17	85%
JD	78	52	67%
CV	101	53	52%
DM	74	38	51%
RL	132	41	31%
CP	73	11	15%







#3's (Most / Always symptoms)





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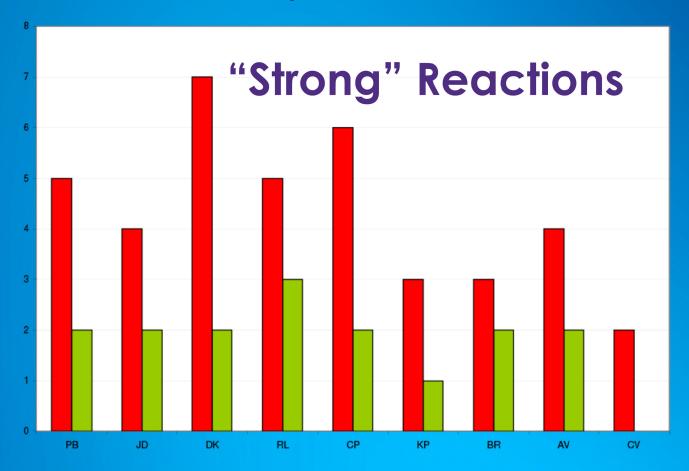
Body Composition Assessment

Body Mass (lb)	before	after	difference
CP	205.617	185.336	- 20.281
RL	204.000	186.000	- 18.000
DK	260.000	252.809	-7.191
KP	124.429	118.431	- 5.998
CV	161.546	155.825	- 5.721
DM	199.658	195.990	- 3.668
AV	171.497	168.370	-3.127
PB	142.851	141.921	-0.930
JD	135.459	136.698	1.239





LRA by Elisa/ACT®

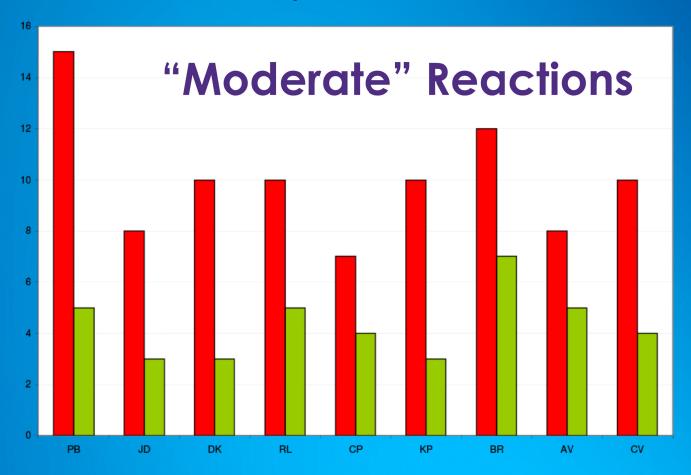




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LRA by Elisa/ACT®





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Cyrex® Antigen Test

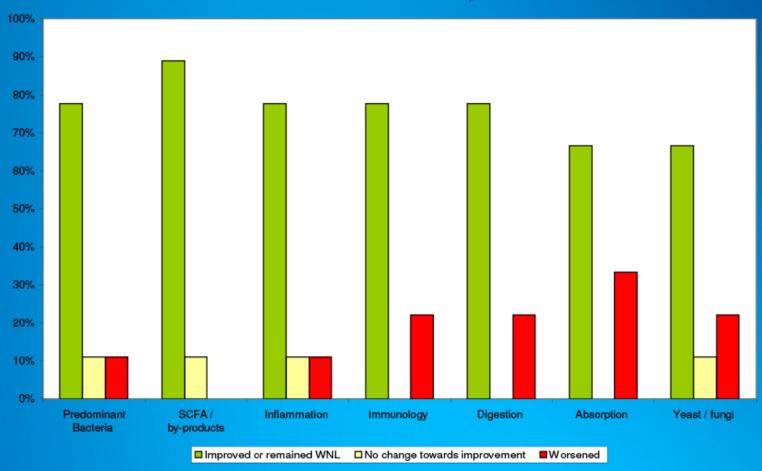
		cv		JD		AV		СР		РВ		DK	
	ref. range	before	after										
Actomyosin IgA	0.0 - 20	9.52	10.52	4.73	8.28	21.20	17.49	7.23	11.24	11.85	10.85	9.56	14.35
Occludin/Zonulin IgG	0.2 - 1.5	1.52	1.51	1.18	0.47	0.64	0.59	1.04	0.76	0.94	0.91	0.58	0.35
Occludin/Zonulin IgA	0.1 - 1.8	0.82	0.41	1.06	0.60	1.50	0.56	0.98	0.52	2.01	0.74	1.06	0.45
Occludin/Zonulin IgM	0.1 - 2.1	1.09	1.22	1.68	0.92	2.58	2.17	2.68	2.04	2.98	2.57	0.90	0.36
Lipopolysaccharides (LPS) IgG	0.1 - 1.6	1.10	1.41	0.76	0.89	0.90	0.67	0.74	0.70	0.65	1.00	1.97	1.67
Lipopolysaccharides (LPS) IgA	0.1 - 1.8	0.76	1.15	1.33	1.99	0.59	0.81	0.76	0.63	1.03	1.04	1.08	1.13
Lipopolysaccharides (LPS) IgM	0.1 - 2.0	0.89	0.85	0.56	0.78	0.76	0.64	1.45	1.36	2.81	2.70	1.09	0.84







Stool Analysis









Lactulose / Mannitol Intestinal Permeability Assessment

- 7 WNL
- 1 had elevated lactulose in the urine indicating intestinal permeability (ip)
- 1 had decreased mannitol (m) in the urine indication mal-absorption





Blood Panel

- The overall results were unique to each individual.
- We did not see any significant trends in the parameters of this study.
- Further research on nutrients that have reached a sub-clinical level may be able to demonstrate how specific supplementation protocols can help bring such levels back to healthy range.





Summary

- Patient Symptoms IMPROVED
- Body Composition IMPROVED
- Food Sensitivities IMPROVED
- Antigen Test IMPROVED
- Stool Analysis IMPROVED

Transformation's program proved to make a significant difference in patient outcomes and improvement of symptoms within 63 days.

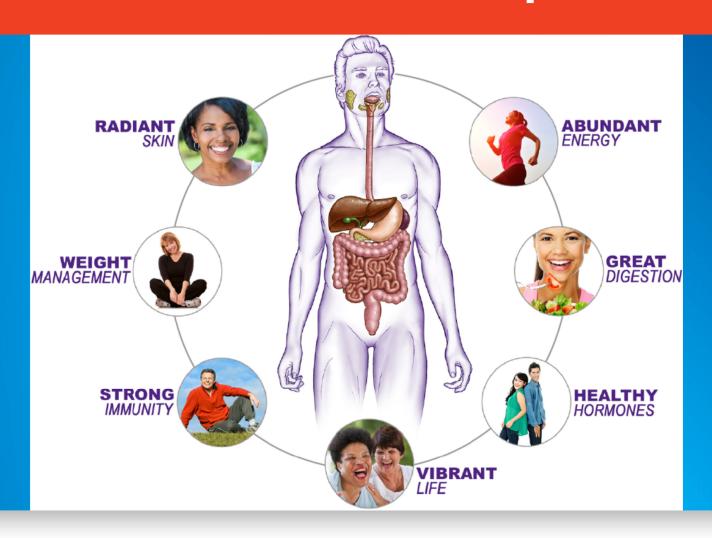








What You Can Expect





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HOW TO IMPLEMENT THE Thrive in 63 PROGRAM INTO YOUR PRACTIVE







Clinical Application: Identifying the Patient

- 1. Patient Fills out Leaky Gut Quiz card as conversation starter.
- Results indicate whether they are a good candidate for the program.
- 3. You can start program that day, or schedule a f/u appointment to go over the program.

Do | Meed

Do you have a leaky gut and just don't know it?

- Take our challenge and check all that apply:
- Inability to lose weight □ Fatigue or low energy
- ☐ Headaches and/or migraines
- Abdominal pain
- ☐ Gas, bloating, cramps, diarrhea or constipation
- Unexplained muscle and/or joint pain
- Hormone imbalances
- Mood swings
- Rashes and/or acne
- ☐ Frequent infections
- Respiratory conditions or allergies



How did you score?

☑ (1 box checked)

Does gas, bloating, cramps, diarrhea &/or constipation happen more than you would like it to? Try our STEP 2 program! Optimal health begins with optimal digestion and healthy



☑☑ - ☑☑☑ (2-3 boxes checked)

You have the signs of poor digestion and that means you are creating toxicity. Fortunately you can bring balance back with better food choices and enzymes! Our Foundation Pack would be a great place to start. Three products to support nutrient acquisition, healthy elimination & detox.*



MMM - MMMMMMMM (4 or more)

It's time to take back your health! What has been created can be uncreated. You need our 63-day Thrive in 63 program to help you:

- 1. Cleanse & Detox*
- 2. Repair & Rebuild*
- 3. Rejuvenate & Thrive*



Ask me how to get started

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hone		
mail	20 20	



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Clinical Application: Setting the Appointment

- Patient sets up appointment to be started on Thrive in 63.
 When staff schedules the first appointment, they can direct the patient to your website or send their questionnaire via email or have them complete in office.
 - Transformation™ will provide electronic pdf-write version of the initial assessment with the purchase of your first kit.
 - Patients may need to submit other paperwork along with medical records before their first visit depending on personal office requirements.





Clinical Application: Patient Assessment

The assessment will provide the patient's top
 5 health priorities and is approximately 100 questions in an "always / sometimes / never" format to determine what symptoms they are experiencing.

Name:		Age:Sex	Date:		
PART I - Health Priorities			80		
Please list your 5 major health concerns in order of impor	rtance:		Alway New New York		
1			ent rashes		
2		Eczema, psoriasis, recurr Dry or flaky skin and/or ha			
3		Thinning of hair on scalp,			
4		Weak nails	nace, or geniums		
5		Outer third of eyebrow thi			
PART II - Symptom Survey		Gallbladder attacks or			
Please mark the appropriate box on all questions below	Always Sometimes Never	Have you had your ga			
based on your health in the past year.	Always motimes Never	Crave sweets during th		Som	
	000	Eating sweets does no		Always ofmor	List the three worst foods you eat during the average week:
	000	Must have sweets afte	Urination difficulty or dribbling	000	1
	000	If meals are missed fe	Pain inside of legs or heels	000	2
Diarrhea, urgent, loose, watery stools	000	Slow starter in the mor	Leg nervousness at night, restless leg	000	3
More than 3 bowel movements daily	000	Depend on coffee to k	Inability to concentrate or stay focused	000	List the three healthiest foods you eat during the average week
	000	Poor memory, forgetfu	Muscle soreness, stiffness, achy joints	000	1
	000	Cannot fall asleep, ins	Decrease in physical stamina	000	2
Stools are foul smelling	000	Cannot stay asleep	Increase in fat distribution around abdomen and hips	000	3
Stools are mucous-like, greasy, or poorly formed	000	Wake up tired even af	For Women:		Do you smoke? If yes, how many times a day
Undigested foods found in stools	000	Require excessive am	Menstrual disorders or lack of menstruation	000	Rate your stress levels on a scale of 1-10 during the average
Pass large amount of foul-smelling gas	000	Crave salt	Are you experiencing menopause	Yes No	week (1 as the least stress to 10 as the most stress)
Excessive belching, burping, or bloating	000	Dizziness when standi	Extended menstrual cycle (greater than 32 days)	Yes No	Please list any medications you currently take and the condition you take them for:
Heartburn	000	Headaches	Shortened menses (less than every 24 days)	Yes No	you take trieffi for.
Stomach pain, burning or aching 1-4 hours after eating	000	Migraines	Pain and cramping during periods	000	
Use of antacids	000	Excessive perspiration	Scanty blood flow	000	
Pain, tenderness, soreness on left side under rib cage	000	General fatigue, tired,	Heavy blood flow	000	Please list any natural supplements you currently take and the
Greasy or high fat foods cause nausea or discomfort	000	Fatigue after meals	Breast pain and swelling during menses	000	conditions you take them for:
Nausea and/or vomiting	000	Afternoon fatigue	Irritable and depressed during menses	000	
Certain foods cause sinus congestion, headaches	000	Feel cold - hands, feel	Acne breakouts	000	
Offensive breath	000	Depression, lack of mo	Facial hair growth	000	
Bitter metallic taste in mouth, especially in the morning	000	Heart palpations, incre	How many years have you been post-menopausal?		How many times a day do you eat?
Asthma or difficulty breathing	000	Nervousness or anxior	Do you ever have uterine bleeding since menopause?	Yes No	What do you usually eat for:
	000	Night sweats	Hot flashes	000	Breakfast?
Frequent urination	000	Difficulty gaining weigh	Mood swings	000	
	000	Difficulty losing weight	Painful intercourse	000	
	000	Diminished sex drive	Increased vaginal, pain, dryness, or itching	000	Lunch?
Unexplained itchy skin	000	Increased sex drive	For Men:		
			Decrease in spontaneous morning erections	000	
	Suite 220), Houston, TX 77042 • i	Decrease in fullness of erections	000	Dinner?
Transformation Enzyme Corporation • 2900 Wilcrest Dr.,			Other:		
Transformation Enzyme Corporation • 2900 Wilcrest Dr.,					
Transformation Enzyme Corporation • 2900 Wilcrest Dr.,			Please list any conditions or symptoms not listed above		
Transformation Enzyme Corporation • 2900 Wilcrest Dr.,			Please list any conditions or symptoms not listed above		Snacks?
Transformation Enzyme Corporation • 2900 Wilcrest Dr.,			Please list any conditions or symptoms not listed above		Snacks?
Transformation Enzyme Corporation • 2900 Wilcrest Dr.,					
Transformation Enzyme Corporation • 2900 Wilcrest Dr.,			Please list any conditions or symptoms not listed above PART III - Lifestyle How many alcoholic beverages do you consume per we	_	Snacks?
Transformation Enzyme Corporation • 2900 Wilevest Dr.,			PART III - Lifestyle How many alcoholic beverages do you consume per we	eek?	List the three worst foods you eat during the average week: 1.
Transformation Enzyme Corporation • 2800 Wilenest Dr.,			PART III - Lifestyle How many alcoholic beverages do you consume per we How many calfeinated beverages do you consume per	eek?	List the three worst foods you eat during the average week: 1.
Transformation Enzyme Corporation • 2800 Wilevest Dr.,			PART III - Lifestyle How many alcoholic beverages do you consume per we	eek?	List the three worst foods you eat during the average week: 1.
Transformation Enzyme Corporation • 2600 Wilevest Dr.,			PART III - Lifestyle How many alcoholic beverages do you consume per we How many calfeinade beverages do you consume per we How many imms do you eat out per week?	eek?	List the three worst foods you eat during the average week: 1. 2. 3.







Clinical Application: Patient Assessment

- The questionnaire will be completed again at the end of the 63 day program.
 - Note: This does not replace your office's usual patient intake form.

		Age:Sex	Date:		
PART I - Health Priorities			8		
lease list your 5 major health concerns in order of impo	rtance:		Aways New Market		
		_			
		Eczema, psoriasis, recurre			
		Dry or flaky skin and/or ha Thinning of hair on scalp,			
		Weak nails	lace, or genius		
		Outer third of eyebrow thir			
PART II - Symptom Survey		Gallbladder attacks or			
	8	Have you had your gal			
Mease mark the appropriate box on all questions below ased on your health in the past year.	Always motimes Never	Crave sweets during th		SS	
eeling that bowels do not empty completely	282	Eating sweets does no		Always Never	List the three worst foods you eat during the average week:
ower abdominal pain or discomfort following meals	000	Must have sweets afte	Urination difficulty or dribbling	482	1
lense of fullness during and after meals	000	If meals are missed fer	Pain inside of legs or heels	000	2
harrhea, urgent, loose, watery stools	000	Slow starter in the mor	Leg nervousness at night, restless leg	000	3
fore than 3 bowel movements daily	000	Depend on coffee to ke	Inability to concentrate or stay focused	000	List the three healthiest foods you eat during the average wee
constipation, dry, hard, infrequent stools	000	Poor memory, forgetfu	Muscle soreness, stiffness, achy joints	000	1
Ise of laxatives	000	Cannot fall asleep, ins	Decrease in physical stamina	000	2
itools are foul smelling	000	Cannot stay asleep	Increase in fat distribution around abdomen and hips	000	3
tools are mucous-like, greasy, or poorly formed	000	Wake up tired even aft	For Women:		Do you smoke? If yes, how many times a day
Indigested foods found in stools	000	Require excessive am	Menstrual disorders or lack of menstruation	000	Rate your stress levels on a scale of 1-10 during the average
ass large amount of foul-smelling gas	000	Crave salt	Are you experiencing menopause	Yes No	week (1 as the least stress to 10 as the most stress)
xcessive belching, burping, or bloating	000	Dizziness when standi	Extended menstrual cycle (greater than 32 days)	Yes No	Please list any medications you currently take and the conditions you below them for
leartburn	000	Headaches	Shortened menses (less than every 24 days)	Yes No	you take them for:
tomach pain, burning or aching 1-4 hours after eating	000	Migraines	Pain and cramping during periods	000	
Ise of antacids	000	Excessive perspiration	Scanty blood flow	000	
ain, tenderness, soreness on left side under rib cage	000	General fatigue, tired,	Heavy blood flow	000	Please list any natural supplements you currently take and the
Greasy or high fat foods cause nausea or discomfort	000	Fatigue after meals	Breast pain and swelling during menses	000	conditions you take them for:
lausea and/or vomiting	000	Afternoon fatigue	Irritable and depressed during menses	000	
certain foods cause sinus congestion, headaches	000	Feel cold - hands, feel	Acne breakouts	000	
Offensive breath	000	Depression, lack of mo	Facial hair growth	000	
litter metallic taste in mouth, especially in the morning	000	Heart palpations, incre	How many years have you been post-menopausal? _		How many times a day do you eat?
sthma or difficulty breathing	000	Nervousness or anxiou	Do you ever have uterine bleeding since menopause?	Yes No	What do you usually eat for:
requent colds or recurrent infections	000	Night sweats	Hot flashes	000	Breakfast?
requent urination	000	Difficulty gaining weigh	Mood swings	000	
Irinary tract infection	000	Difficulty losing weight	Painful intercourse	000	
ncreased thirst and appetite	000	Diminished sex drive	Increased vaginal, pain, dryness, or itching	000	Lunch?
Inexplained itchy skin	000		For Men:		
			Decrease in spontaneous morning erections	000	
ransformation Enzyme Corporation • 2900 Wilcrest Dr.	Suite 220), Houston, TX 77042 • 7	Decrease in fullness of erections	000	Dinner?
			Other:		
			Please list any conditions or symptoms not listed above	:	Snacks?
					Shacksr
			PART III - Lifestyle		List the three worst foods you eat during the average week:
			How many alcoholic beverages do you consume per w	eek?	1
			How many caffeinated beverages do you consume per		2
			How many times do you eat out per week?		3
			Do you exercise? If yes, how often and what to		List the three healthiest foods you eat during the average wee

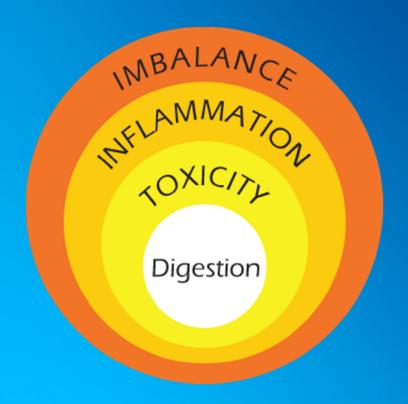






Clinical Application: Initial Appointment

- Initial visit is approx. 1 hour.
- Highlight areas of concern and explain ripple effect illustration.
 - Script is provided in training manual provided with purchase of first kit.







Clinical Application: Patient Workbook(s)

- The program is divided into 3 phases/booklets:
 - Phase I HEALING
 - Phase 2 REPAIR
 - Phase 3 REJUVENATION







Clinical Application: Patient Workbook(s)

- Each booklet provides 3 weeks of:
 - meal plans
 - recipes
 - shopping lists
 - food journals
 - supplement protocol





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Clinical Application: Add'l Assessments

- No additional assessments are necessary at this time to proceed with this program.
- If you currently conduct other forms of assessment based on your modality, those may be done at the same time as the initial assessment.
 - Height, weight, blood pressure, physical exam, etc.
- Recommended to track these things weekly to help with patient compliance.





Clinical Application: Weekly Follow-Ups

- Our study showed when patients were followed up on weekly, their compliance was better.
- Training a member of your staff to call and conduct a weekly questionnaire is an efficient way to keep track of patient progress.





Clinical Application: Weekly Follow-Ups

 The follow-up questionnaire is seven questions and included with purchase

Name:	Date:
What day in your jou	urnal are you on? Day
	feel throughout the day and at bedtime? s comfortable than usual?
	y changes in your bowel movements? nore frequently, less frequently, or staying the same?
Have your sleep pat Are you sleeping mo	t terns changed? ore or less than usual?
	level during the day? e energized, or are you experiencing fatigue?
	difficulty with the diet? ic challenges you're facing with it?
Are you struggling w	with the protocol? es have you encountered?
	ges in your health have you noticed? improvements or challenges.







Clinical Application: Required Follow-Ups

- Recommended that, at minimum, patients are scheduled to follow up in-office after each 21-day period.
- Each 21-day period should conclude with a review of journal, menu, and protocol.
- If patients are doing well, then advance to the secondary protocol.
 - Some patients may require another 21 days on the sensitive protocol, but most will be ready to advance.





Layout of Weekly Follow Ups

- Week 1 / Day 7 Follow-up Call
- Week 2 / Day 14 Follow-up Call
- Week 3 / Day 21 In-office Consult
- Week 4 / Day 28 Follow-up Call
- Week 5 / Day 35 Follow-up Call
- Week 6 / Day 42 In-office Consult
- And so on....







Completion of 63 Day Program

- Have patient fill out comprehensive assessment questionnaire again.
- Review current health priorities and improvements.
- Improper digestion is what got them sick in the first place, therefore it is important that the maintenance dose of a digestive, proteolytic, and probiotic be maintained along with proper diet to help prevent problems in the future.





Maintenance Protocol

- Digestive enzymes with every meal or snack
 - Digest, DigestZyme, or Carbo-G
- Proteolytic enzymes between meals
 - Protease, Protease 375K, or PureZyme
- Probiotics at bedtime
 - Probiotic 42.5, Probiotic, or Plantadophilus







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 - Advanced Enzyme Certification Course







QUESTIONS?





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