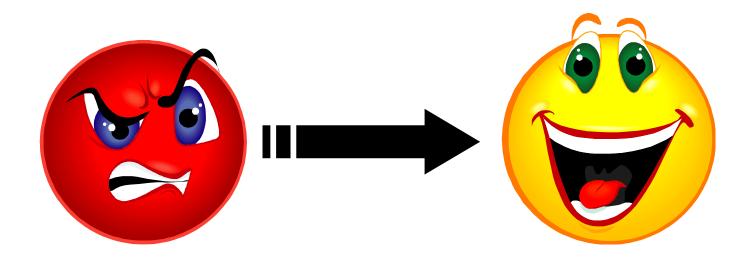
AlignLife. Adrenal Recovery Diagnosis and Treatment of Adrenal Fatigue



Acknowledgements

- Andrew Heyman, University of Michigan
- Dr. James L. Wilson, Author of Adrenal Fatigue, The 21st Century Stress Syndrome
- Dr. Lena D. Edwards, researcher, lecturer and clinician
- Dr. Fernando Cortizo, AustralAsian Academy of Anti-Aging Medicine



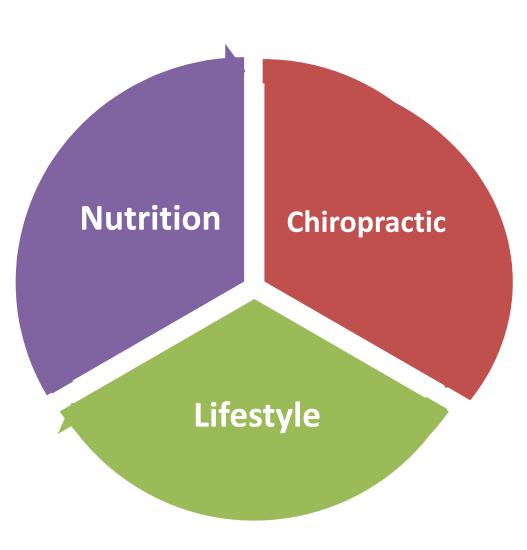
Dr. Joe Esposito

- Certified Clinical Nutritionist
- Certified Nutrition Specialist
- Diplomate of the Gonstead System
- Board Certified Naturopathic Physician
- Diplomate of the College of Clinical Nutrition
- Diplomate of the American Board of Clinical Nutrition
- Fellow of the American Academy of Integrative Medicine

Disclosure

Affiliations:
AlignLife Nutraceuticals
AlignLife Franchise
VitaLogics Software









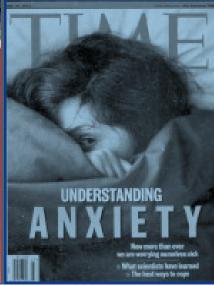
■ AlignLife.

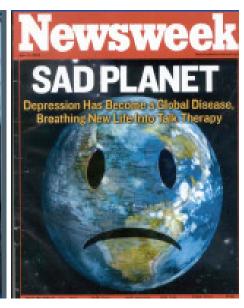




We are STRESSED!











Why Manage Adrenal Fatigue?

An overwhelming portion of your patient base suffers from adrenal fatigue

No one else is helping these people

Diversify your practice for increased referrals / revenue





Outline

- 1. Classic Patient Presentation
- 2. History of Hypoadrenia
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General Adaptation Syndrome

Hans Selye (1907-1982)

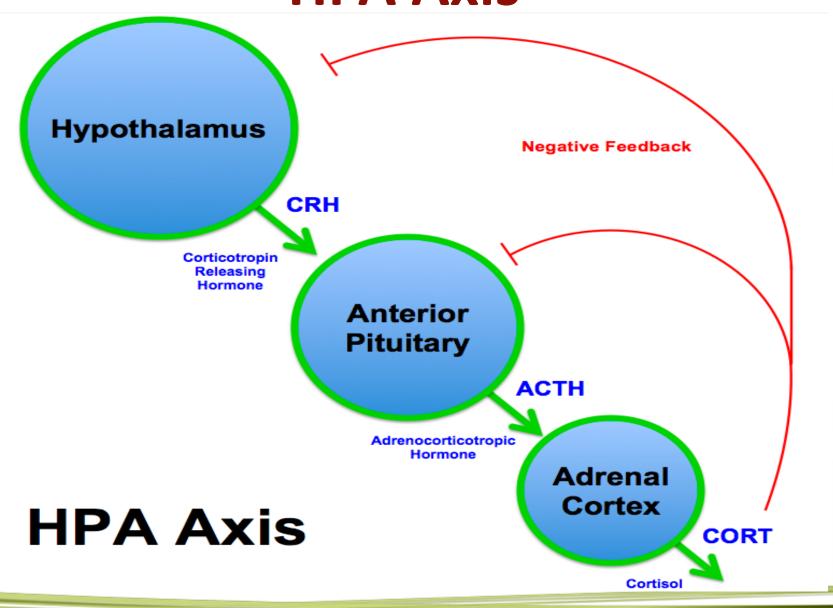
The sequence of physiological reactions to prolonged stress includes:

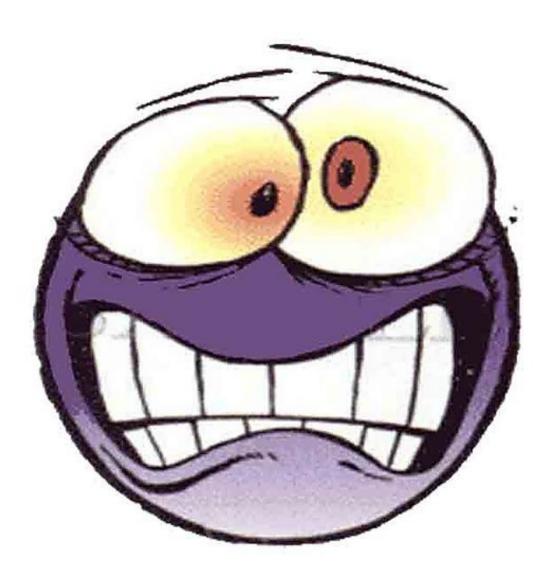
- Alarm
- Resistance
- Exhaustion





HPA Axis

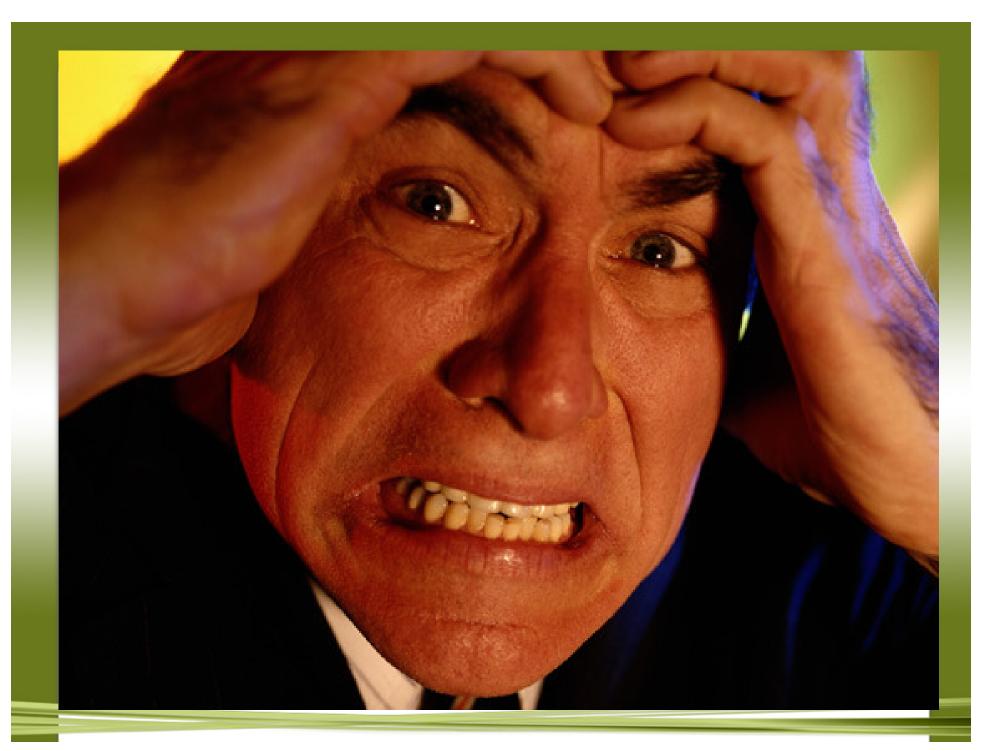




■ AlignLife.



■ AlignLife.







ho·me·o·sta·sis

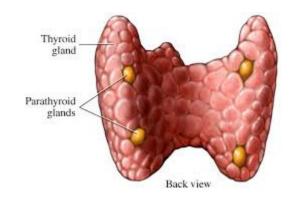
/ˌhōmēəˈstāsis/ ♠)

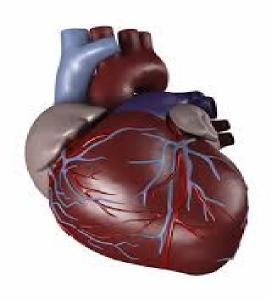
noun

1. the tendency toward a relatively stable equilibrium between interdependent elements, esp. as maintained by physiological processes.



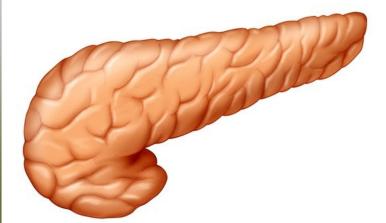
Organ Reserve

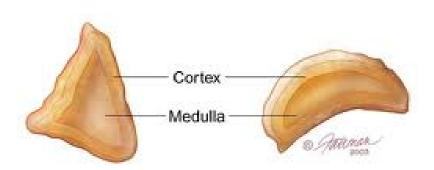




Right adrenal gland

Left adrenal gland







What Are the Common Symptoms of Adrenal Fatigue







Are you easily overwhelmed by every day tasks that were once a breeze?





Do you get angry over things that never used to bother you?





Are you having weight gain around the middle?



Is your sleep not as regular or restful as it once was?





Is it difficult for you to concentrate on important tasks?





Do you crave foods that you know are unhealthy for you?





Are you catching more colds than before?





Is you libido not what it once was?





Are you easily irritated by friends family members?





Do you feel as if you have no energy by the middle of the afternoon?





Are you using coffee or soda to get through the day?





Are you drinking more alcohol to relieve stress?





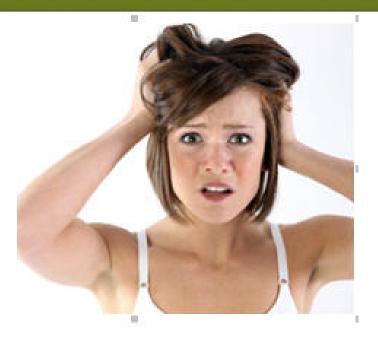
Do aches and pains linger longer than they once did?



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It's estimated that up to 80% of adult Americans suffer some level of adrenal fatigue at some time during their life.

p6. Adrenal Fatigue James L. Wilson



Severe Hypoadrenia

- Called Addison's Disease
- Acknowledged by Conventional Medicine
- Named after Sir Thomas Addison in 1855
- Can be life-threatening
- 70% cases are from auto-immune disease
 30% from severe stress or other causes



Adrenal Fatigue

- Less severe than Addison's but often debilitating
- Also known as non-Addison's hypoadrenia, sub-clinical hypoadrenia, neurasthenia and adrenal apathy.
- Not recognized as a distinct syndrome by conventional medicine
- Occurs when the <u>amount of stress overextends the capacity of</u> the body to compensate and recover from that stress or the <u>combined stresses</u>



Factors Affecting Adrenals

Seen and Unseen Stresses

- Lack of Relaxation
- Negative Attitudes and Beliefs
- Unwanted unemployment
- Fear
- Emotional Stress
- Psychological Stress
- Death of a loved one
- Wound Healing
- Prescriptions/non-prescription drugs
- Marital Stress

- Toxins
- Infection: Acute/Chronic
- Allergies
- Over Exertion
- Smoking
- Lack of Sleep (Staying up late though fatigued)
- Lack of, or excessive exercise
- Poor Eating Habits
- Sugar and White Flour Products
- Using Stimulants When Tired (Coffee / Caffeine)



Lifestyles Leading to Adrenal Fatigue

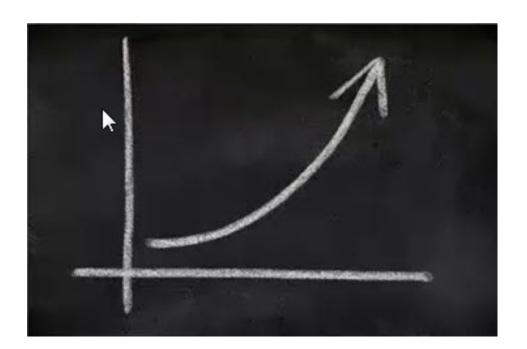
- College Student
- Single Parent
- Unhappy Marriage
- Stressful Work Conditions
- Self-employed with struggling business
- Drug or Alcohol Abuse
- All Work, Little Play





Stresses Add Up

The effects of stress are cumulative, even when the individual stressors are quite different.





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Conventional Approach

 Fatigue is a common complaint in many chronic diseases that adrenal hypofunction is not commonly a path a conventional

practitioner will travel.

 Since Adrenal Fatigue is best managed naturally it is ignored and overlooked

 Ignoring this condition creates chronic unnecessary health problems for millions of people

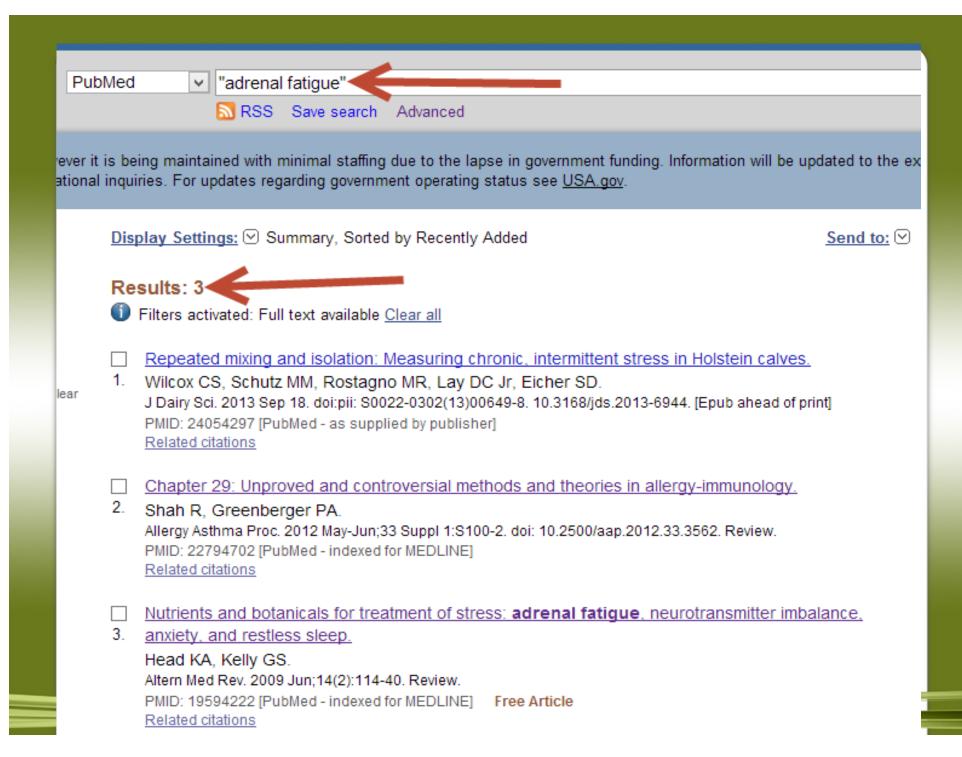




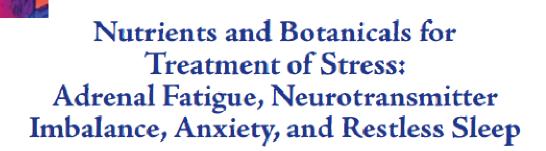
Conventional Approach

- Adrenal Fatigue does not have an ICD-9 code and therefore doesn't exist in medicine
- Politics of insurance companies, pharmaceutical industry and medical licensing board of their peers creates pressures that keep medical physicians from investigating conditions that don't have a "code"





Alternative Medicine Review Volume 14, Number 2 2009



Kathleen A. Head, ND, and Gregory S. Kelly, ND

or flight mechanism. Physical changes associated

Alternative Medicine Review, Volume 14, Number 2, 2009



Review Article



Outline

Classic Patient Presentation

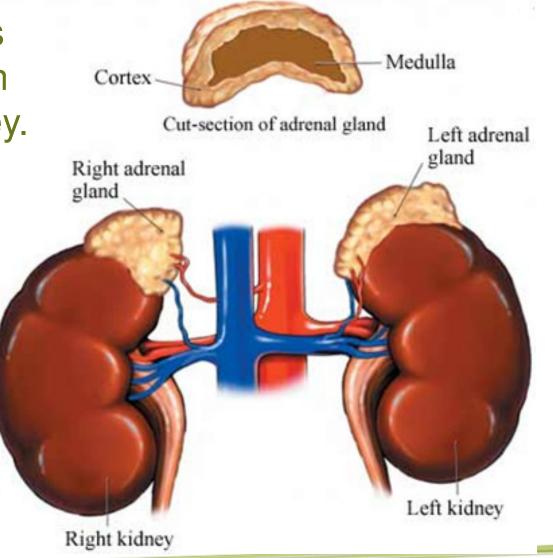
- 1. History of Hypoadrenia
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Anatomy of the Adrenal Glands

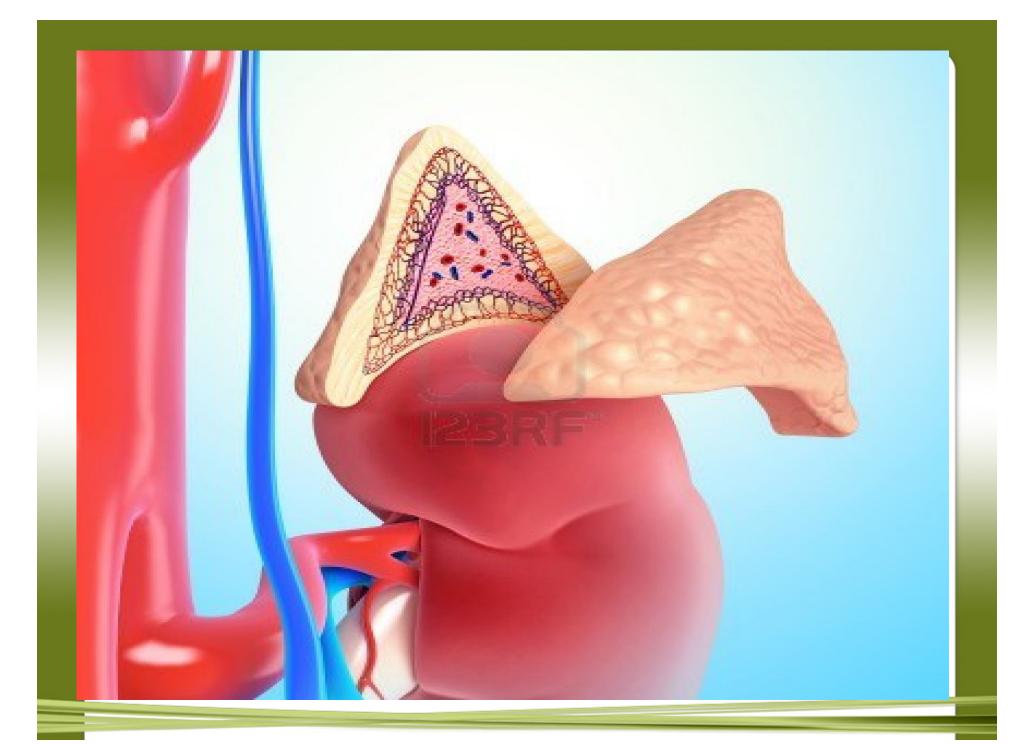
Two small glands that sit directly on top of each kidney.

Ad-Renal



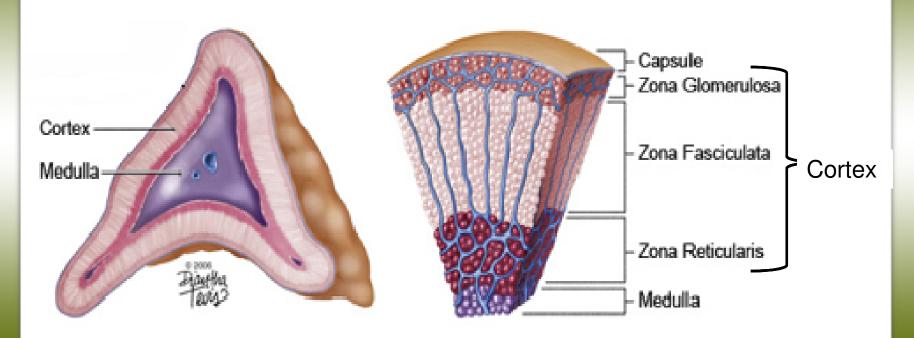






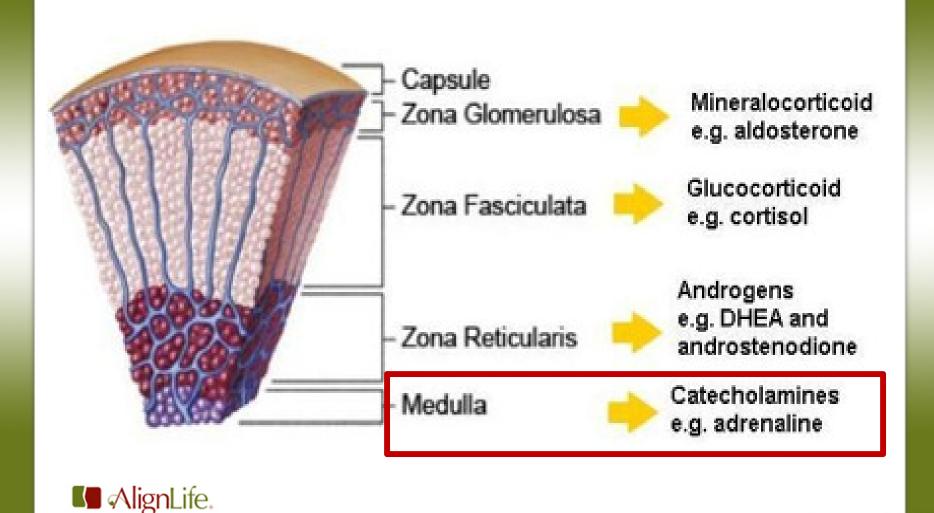
Transverse Section

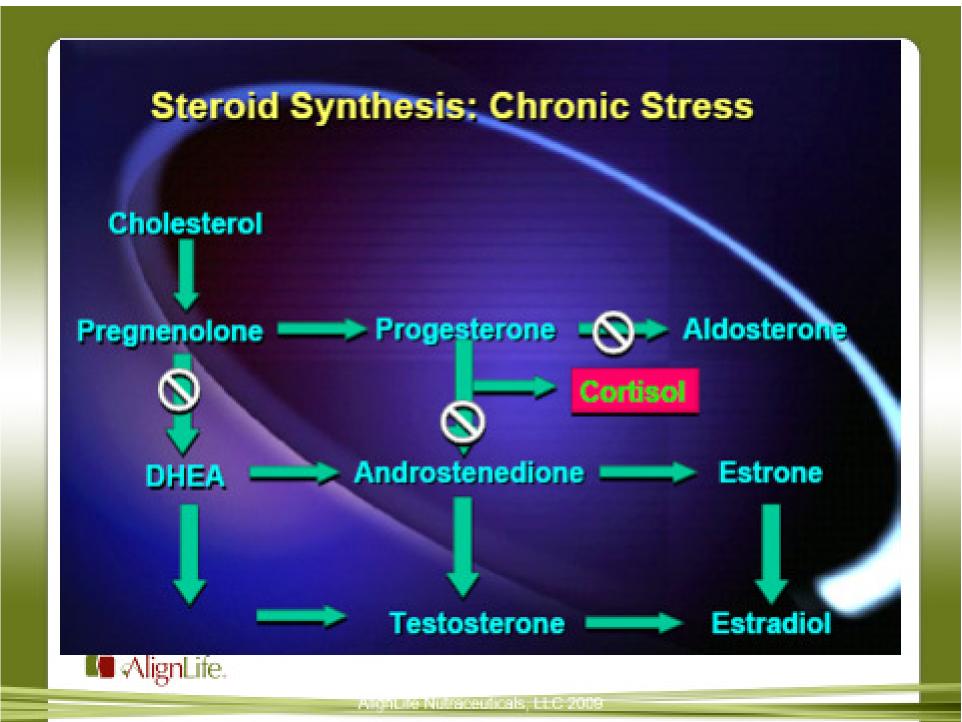
Microscopic Section





Different Sections of Adrenal Gland





Adrenal Medulla

Stimulated by sympathetic fibers

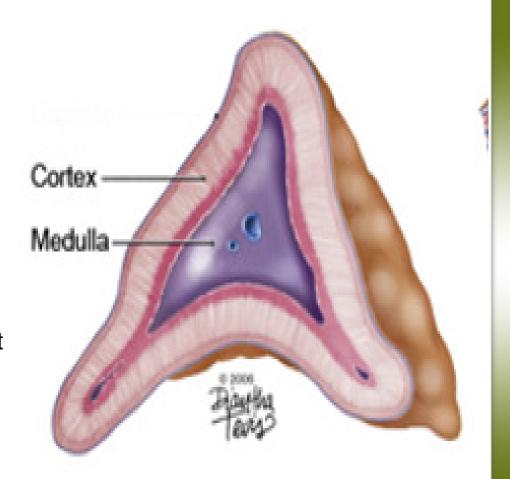
Hormones:

Epinephrine – Adrenaline Norepinephrine – Noradrenalin

Effects:

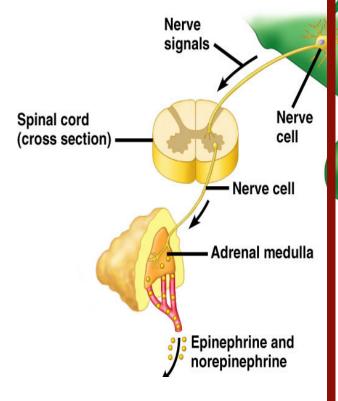
- -Dilate blood vessels
- Dilate bronchi
- Increase heart rate
- Increase strength of heart beat

"Fight or Flight"

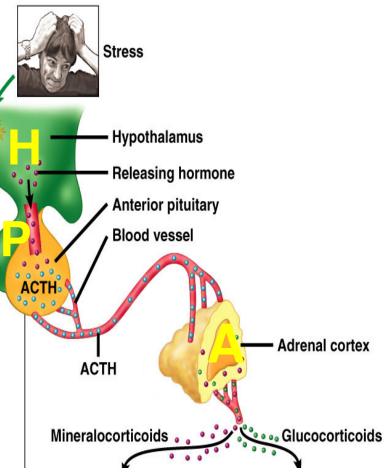


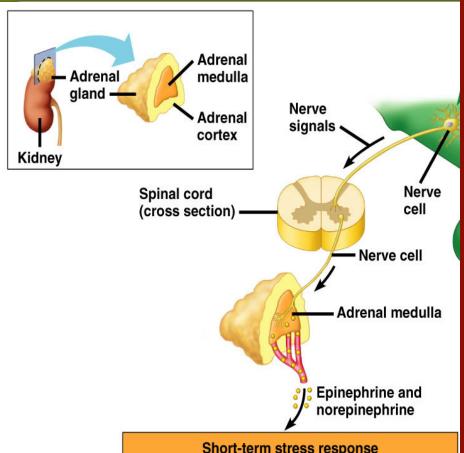


Sympathetic Response



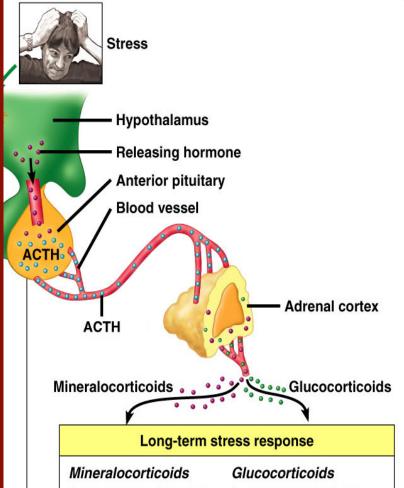
HPA Access



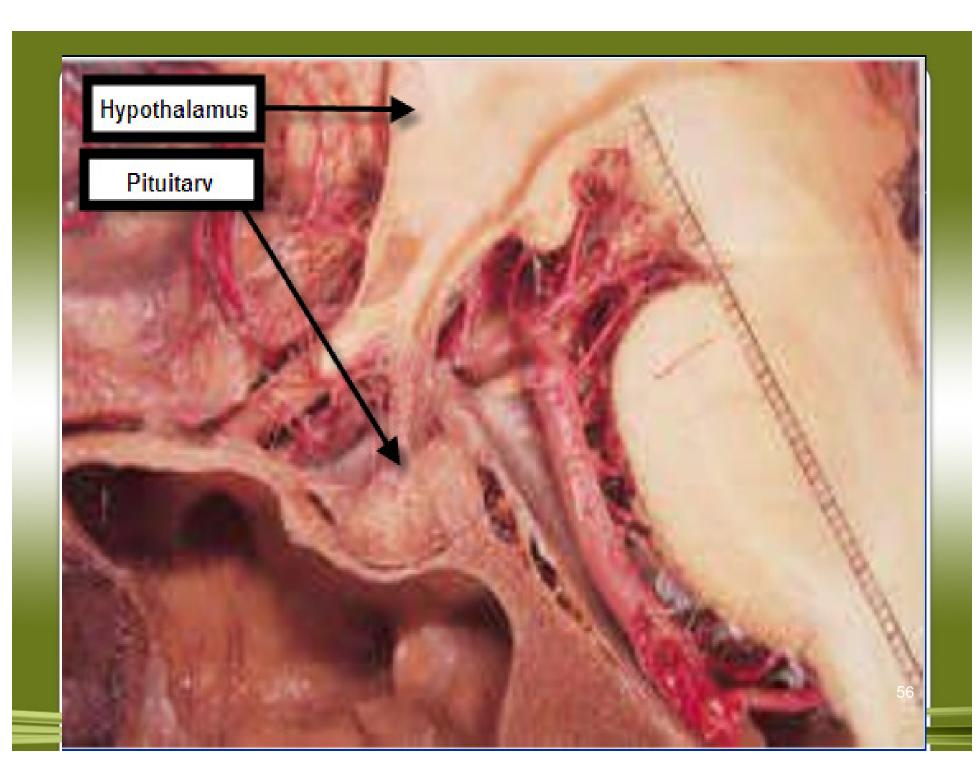


Short-term stress response

- 1. Glycogen broken down to glucose; increased blood glucose
- 2. Increased blood pressure
- 3. Increased breathing rate
- 4. Increased metabolic rate
- 5. Change in blood-flow patterns, leading to increased alertness and decreased digestive and kidney activity



- 1. Retention of sodium ions and water by kidneys
- 2. Increased blood volume and blood pressure
- 1. Proteins and fats broken down and converted to glucose, leading to increased blood glucose
- 2. Immune system may be suppressed

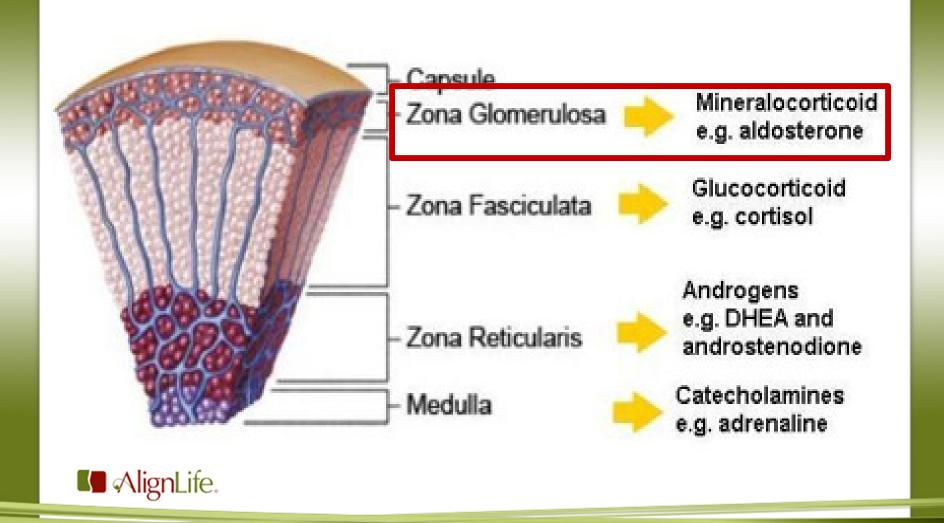


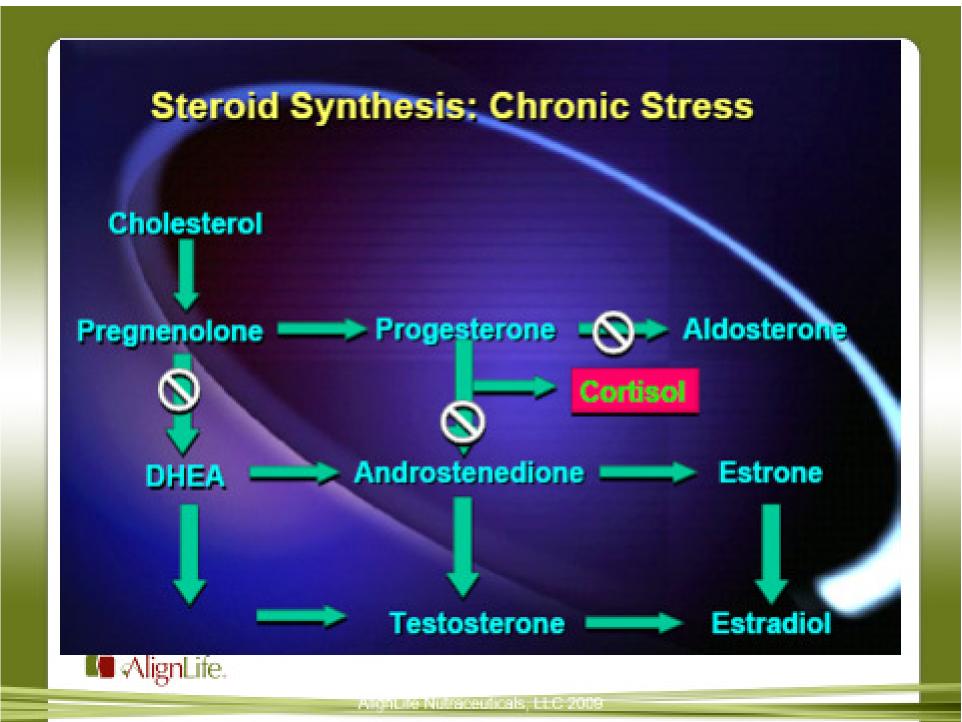
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Different Sections of Adrenal Gland "The Cortex"

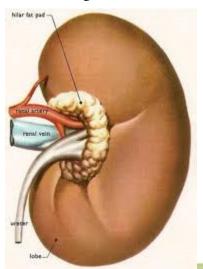




The Role of Aldosterone

The major hormone controlling sodium and potassium levels affecting fluid balance within the bloodstream, cells and interstitial fluid

Aldosterone Kidneys Reserve Water / Sodium







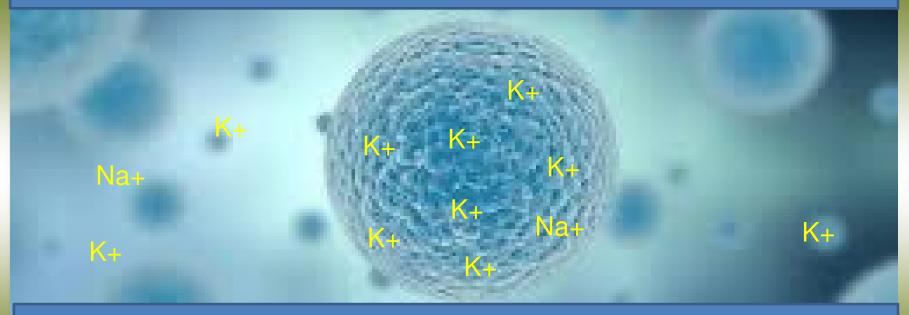
Would An Increase in Water Fix the Fluid Imbalance?



Decreased Aldosterone = 1 Sodium in Interstitial Fluid

Decreased Sodium in the Interstitial Fluid = 1 Water

Should the patient drink more water?



What would high water intake do to sodium concentrate in the interstitial fluid?

If sodium levels are lowered what will happen with the sodium in the cell?

What Would Happen to the Blood Pressure of a Person with Decreased Blood Volume?



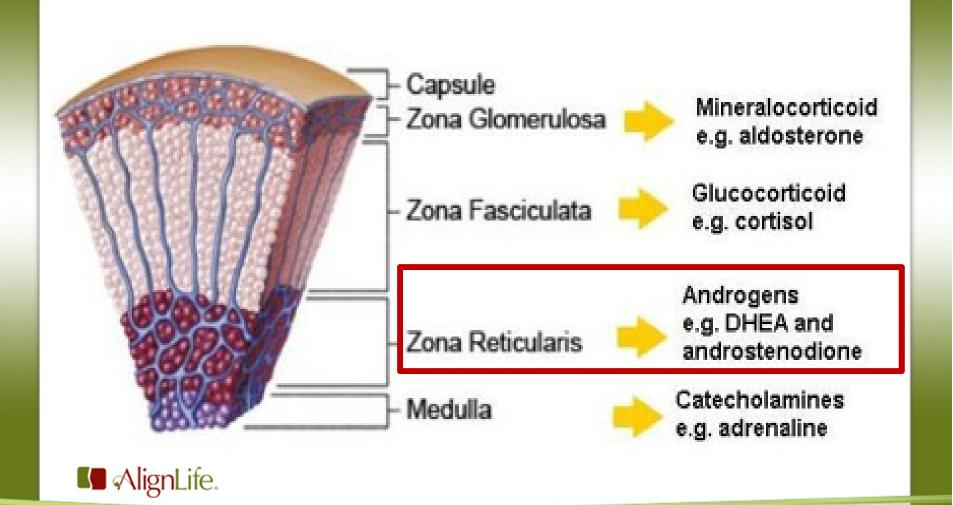
Sign of Adrenal Fatigue

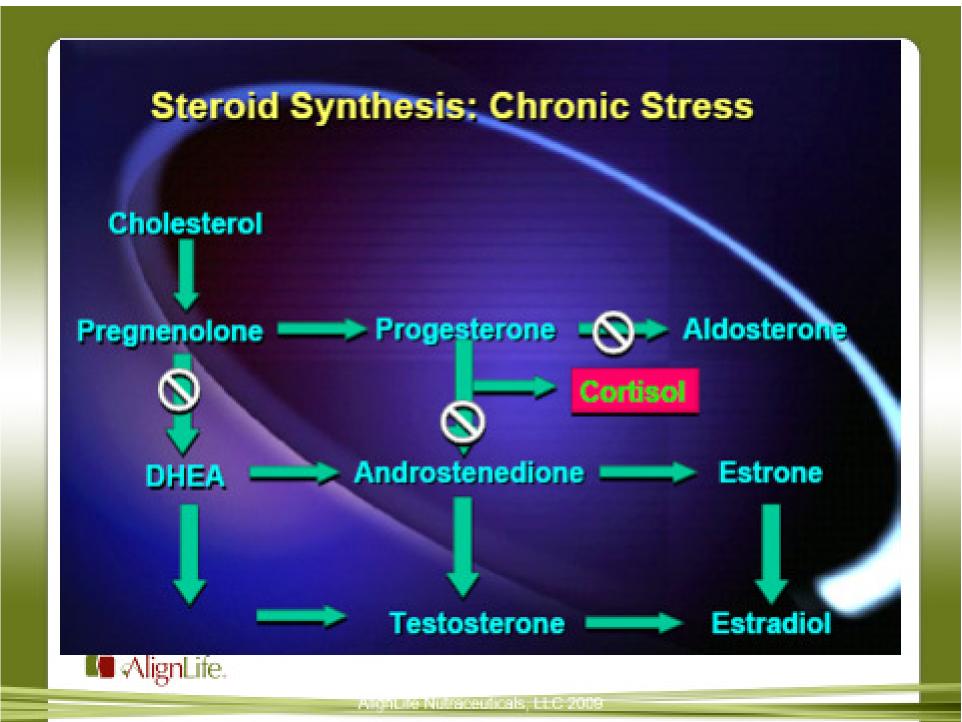
Lowered Aldosterone Levels Causes
 Orthostatic (Postural) Hypotension

The pressur		10-20mm Hg lying to st	anding and 4-10mm Hg sitting to standing. If it stays the same or itient is not hydrated, repeat test after patient is hydrated.
Lying / Se	ated:	Standing:	
	ned room for 2 r		the eye. Pupil should remain contracted for 2 minutes. If the n within 40-60 seconds it is a sign of hypoadrenia.
Length of tir	me constricted:	R seconds	L seconds
ROGOFF'S Tenderness		ar junction Yes	No
	k of a ball point		domen. Normally turns reddish-pink within 30 seconds. If hypoadralled Sargent's White Line. Present approximately 40% of the time.



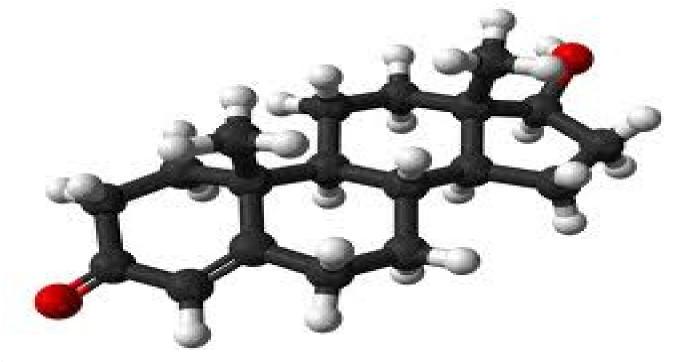
Different Sections of Adrenal Gland





The Sex Hormones

The adrenal gland provides the secretion of DHEA as well as testosterone, estrogen and progesterone.

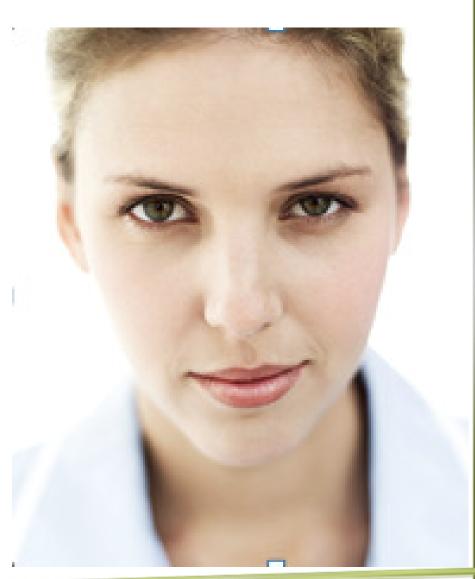




Adrenal Gland Function in Women

Only source of DHEA and testosterone

After menopause, are the major source of estrogen & progesterone





Adrenal Gland Function in Men

Only source of DHEA, estrogen and progesterone

After andropause, are the major source of testosterone





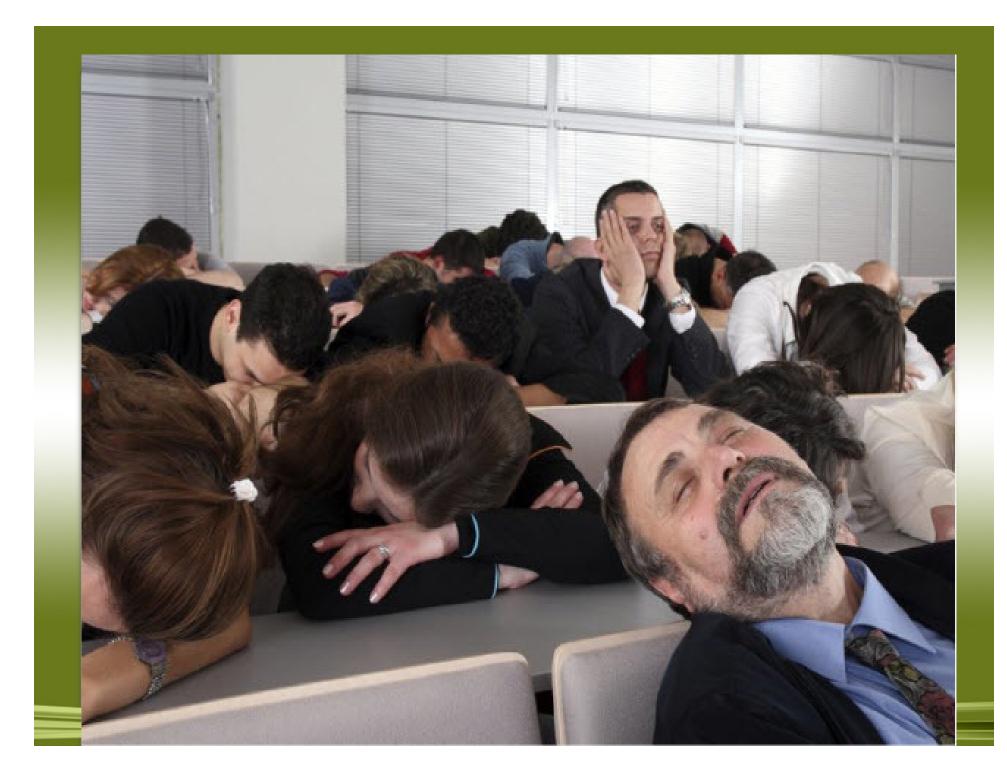
The Adrenals Effect on Female Hormones

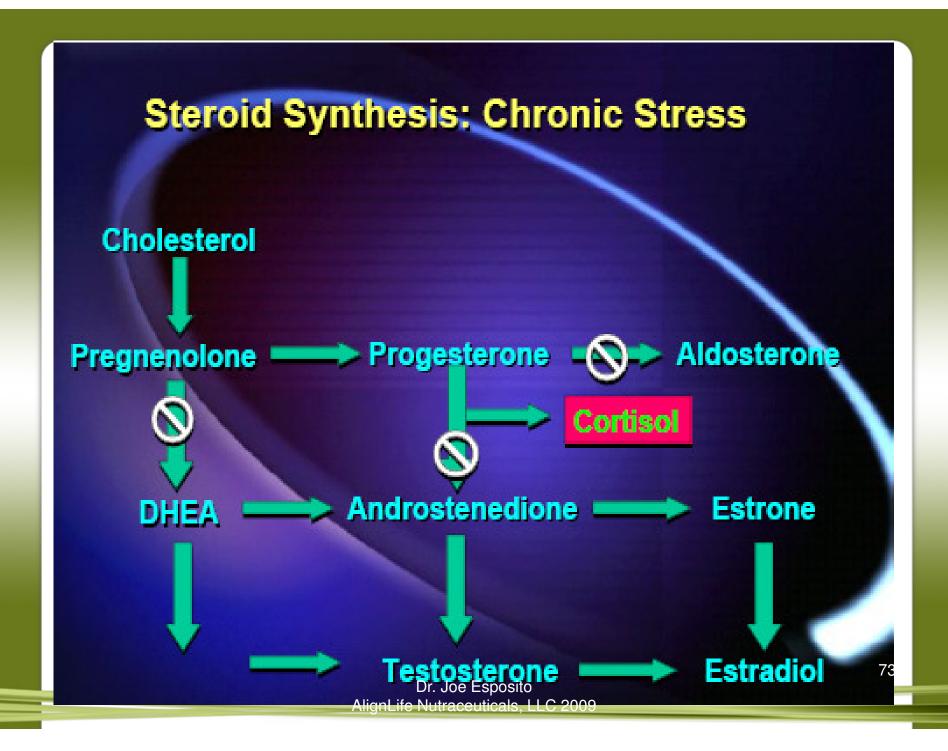
Since testosterone is a prime factor in sex drive why would Adrenal Fatigue cause a bigger impact in woman in regards to sex drive?

Hot flashes is caused by quickly dropping estrogen levels. How does Adrenal Fatigue play a crucial role in hot flashes?

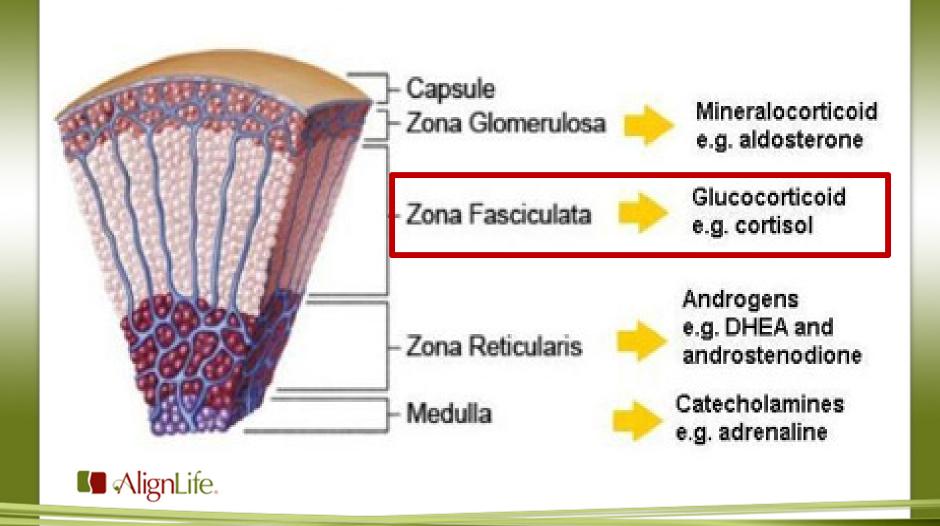








Different Sections of Adrenal Gland



The Role of Cortisol

- 1. Metabolism of fats, protein and carbohydrates to maintain blood glucose
- 2. The main anti-inflammatory agent in your body
- 3. Keeps immune system in check by preventing a hyper immune response.
- 4. Has an affect on behavior, mood and electrical activity of neurons in the brain.



Normalizes Blood Sugar

(Keeps You From Crashing)

- 1. What hormone is secreted when your sugar levels increase in the bloodstream (soda / bread)?
- 2. How much insulin is secreted when the sugar load is excessive?
- 3. What happens to the sugar levels in the blood?
- 4. What does your body secrete to increase the blood sugar level?
- 5. What will happen to the adrenal gland if this process continues all day, every day?

Well My Diet is Perfect But I Have a Lot of Mental Stress?

Same Thing Happens As If You Have a High Sugar Diet.

Why?

Your body isn't able to differentiate from getting chased by a tiger or getting frustrated when there is a line at the grocery store.

Secrets cortisol to increase blood sugar so you can run from a tiger (or just get more frustrated being in a long line)



What Happens to Cravings When Your Cortisol Levels Crash?

They Go Up!

What Do You Crave?

Sugar!

What Hormone Does that Increase?

Insulin!

Does that promote fat burning or fat deposition?



More Cravings

More Insulin

More Weight Gain

Increases Aromotase Enzyme

Increase Estrogen

Decreases Thyroid

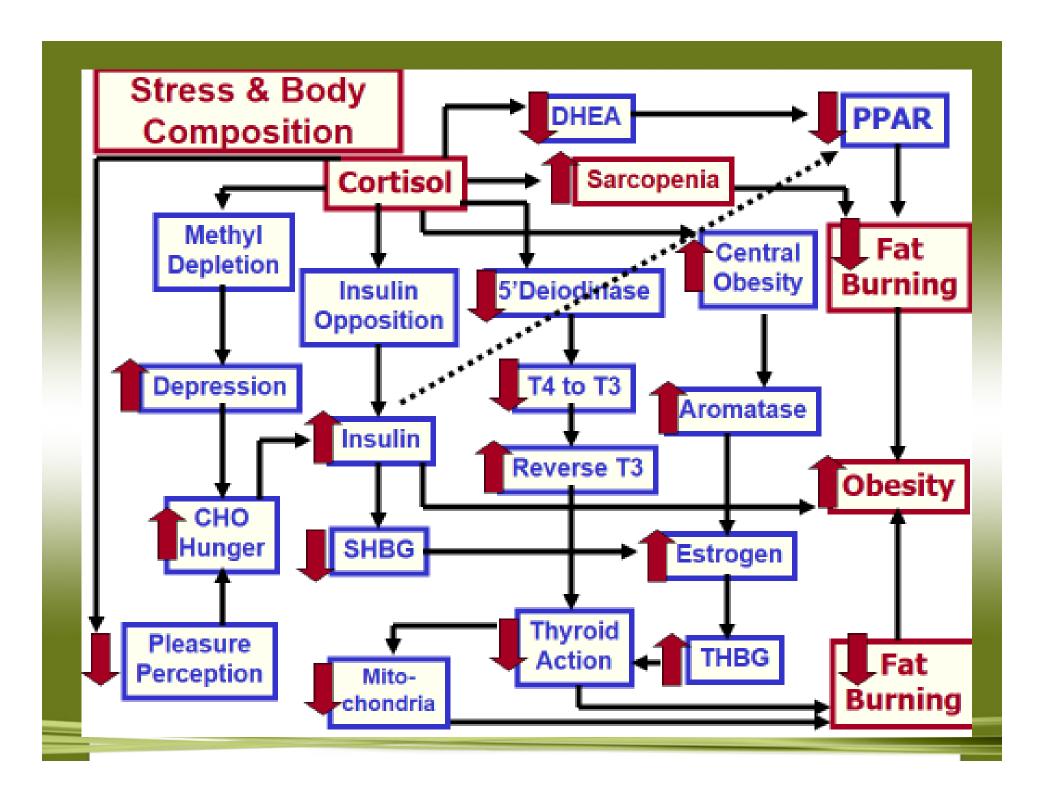
More Fatigue

More Sugar for Fatigue

More Cravings

(Rinse and Repeat)





Anti-Inflammatory Effect

(Make booboos hurt less/makes breathing easier)

Cortisol keeps inflammation and swelling in check

- -Insect bites
- -Allergy (eyes / bronchial tubes)

Reduces inflammation classic to autoimmune diseases (and will reduce the immune response CAUSING the swelling)

That is why Prednisone is used for auto-immune conditions.



Immune Modulation

(Keeps immune cells from getting paranoid)

When immune cells become hyper responsive they don't differentiate antigens from normal tissue (good guys from the bad guys)

What type of diseases occur when the immune system is hypersensitive or paranoid.

Autoimmune Diseases

Cortisol reduces the rate at which lymphocytes multiply and accelerates their programmed cell death.

AlignLife.

Immune Modulation

What Happens When Cortisol Crashes?

Immune System Upregulates (Th1)

Increases Inflammatory Cytokines (IL-6, TNF-alpha)

Activates microglial cells causing inflammation in the brain

Causes hippocampal degeneration/atrophy

Promotes autoimmune disease

One of the primary causes of fatigue with hypoadrenia



Cardiovascular Support

(Maintains blood pressure and strength of contraction)

It accomplishes this by helping aldosterone regulate sodium and potassium in the heart.

Helps maintain adequate pressure to pump blood to all areas of the body.



Protects the CNS

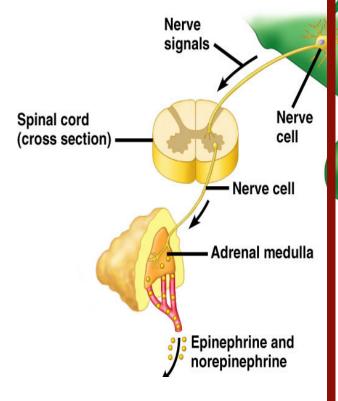
(Makes You Feel Good and Think Straight)

Cortisol effects your mood, behavior and memory.

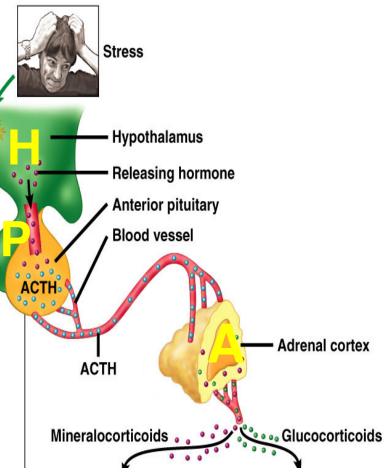
High cortisol will actually cause atrophy of your hippocampus.

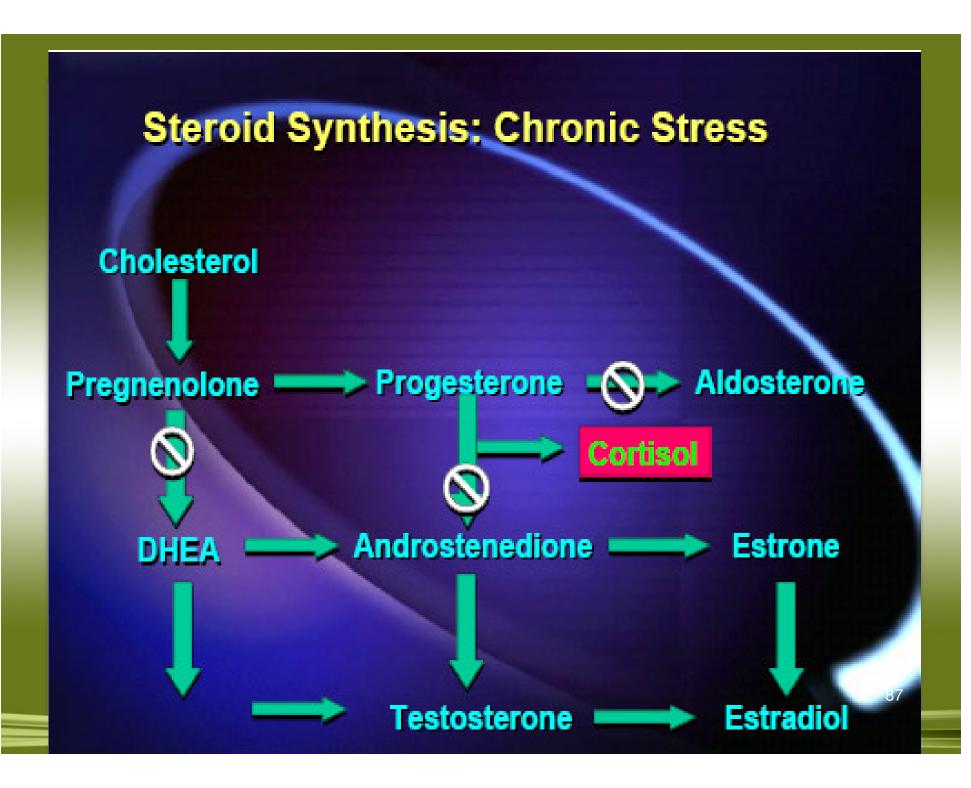


Sympathetic Response



HPA Access





Types of Stress

ENVIRONMENTAL

- Intense heat/cold
- Noise
- Toxic exposure
- Disrupted light cycles

MENTAL

- Fear/anxiety/worry
- Depression

PHYSIOLOGICAL

- Starvation
- Infection
- Poor sleep
- Excess exercise
- Pain
- Hypoglycemia
- Inflammation

Dr. Joe Esposito
AlignLife Nutraceuticals, LLC 2009

Normal Stress Response

Stress

Cortisol Receptors

Hypothalamus Pituitary

ACTH

Adrenal Cortex

(Pregnenolone)

negative feedback loop

Sympathetic Response (Alarm)

catecholamines

DHEA

Anabolic Sex Hormones Anti-atherogenic CORTISOL

Catabolic Gluconeogenesis Anti-inflammatory

Long-term Effects of Elevated Cortisol

(or elevated cortisol:DHEA ratio)

Signs & Symptoms

Intermittent Fatigue

Irritability

Dysglycemia

(hypoglycemic

symptoms)

Sleep disturbance

Central obesity

Immune Suppression

- Secretory IgA
- Antigen penetration
- 🔋 IgG
- NK cell activity
- IL-2
- Osteoporosis Risk
- Sex hormones

The Stress Hormone: Cortisol

- The Only Hormone that Increases With Age
- Can Elevate Blood Glucose by Up To 50%
 - **HOW?**
- "Cortisol causes mobilization of amino acids from extrahepatic tissue, mainly from muscle. As a result, more amino acids become available in the plasma to enter into the gluconeogenesis pathway and promote the formation of glucose."

Guyton Textbook of Physiology p.846



Catabolism

Recent studies in isolated tissue have demonstrated that cortisol depresses amino acid transport into muscle cells..."

Guyton Textbook of Physiology p.846





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How to Diagnosis

- Symptom Survey Consultatic
- Functional In-Office Testing
 - Blood Pressure Test
 - Pupil Dilation
 - Rogoff Sign
- Lab Testing
 - Salivary Cortisol (4)
 - DHEA





Symptom Survey

- Simple Questionnaire
- Saves Time in your office
- Helps The Doctor and the Patient Understand the Causation



- Quick, Free Assessments
- Builds Patient Awareness
- Increases Patient Compliance
- Confirms Need For Testing



PUPIL TEST

Patient will sit in a darkened room for 2 minutes. Then a light will be shined into the eye. The pupil should stay constricted for approximately 2 minutes. If within 40 seconds the pupil begins to alternate between dilation and constriction with dilation winning the battle, then it is a sign of hypoadrenia.



(Arroyo, CF. Jour. And Rac., Jan 2, 1924, cxix, pg. 25)



BLOOD PRESSURE TEST

In order to maintain proper pressure in the bloodstream when going from sitting to standing the blood pressure should raise or at least maintain current pressure. More dramatically when going from lying to standing, the blood pressure should significantly increase (10-20mm Hg). If a positive test, make sure you are well hydrated and repeat the test. If it is positive when well hydrated, hypoadrenia is a likely diagnosis.



"Hypoadrenia usually spells hypotension."

(Harrower, Henry R. Endocrine Diagnostic Charts. Harrower Laboratory, Inc. Glendale, California, 1929, pg 79)

ROGOFF SIGN

Palpation or thumping of the thoracolumbar junction produces pain.



SERGENT'S WHITE LINES

Run the back of a ball point pen along the bare abdomen. Normally turns reddish-pink within 30 seconds. If hypoadrenia is present, it will remain white for over a minute. Called Sargent's White Line. Present approximately 40% of the time.



Laboratory Testing

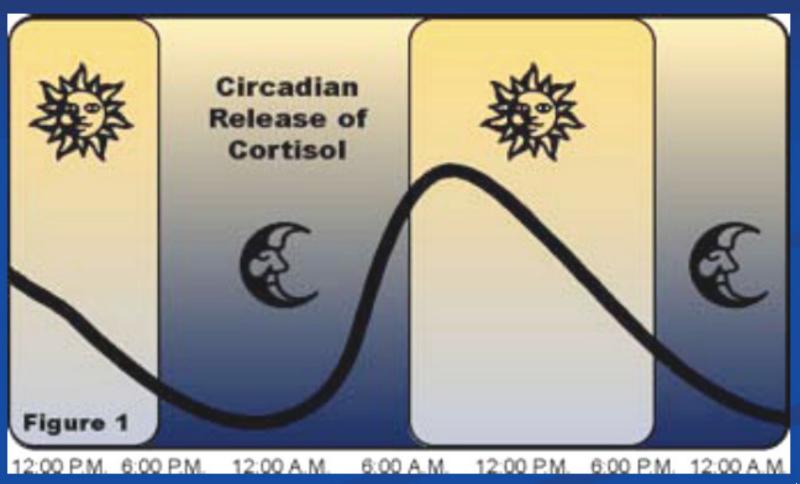
Salivary Testing

Cortisol x4

DHEA x1



Daily Cortisol Cycle



Advantage of Salivary Collection

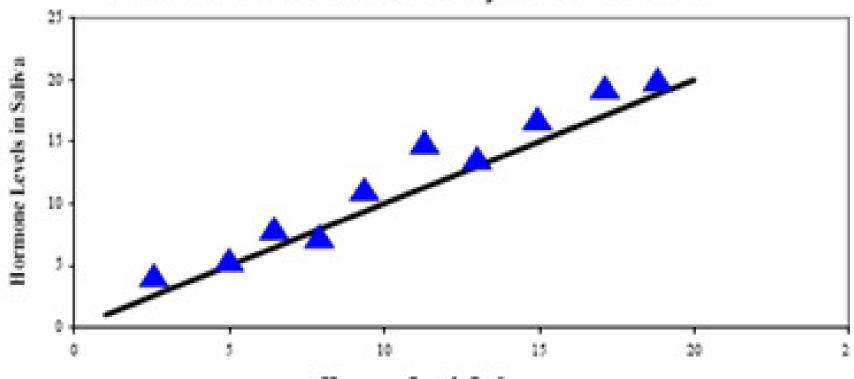
- Non-invasive specimen collection
- Non-medical personnel (patient) can collect specimen
- Increase patient's involvement with healthcare
- Cost-effective





Salivary Versus Serum

Graphic Representation of Linear Correlation Between Salivary & Serum Hormones



Hormone Levels In Serum
Compiled From: East-Polony, D., et al. - Viring, R.F., et al. - Wong, Y.F., et al. - Chon, I.K., et al.



Salivary Cortisol Better Measure of Adrenal Cortical Function

Ann Clin Biochem, 1983 Nov;20 (Pt 8):329-35.

Salivary cortisol: a better measure of adrenal cortical function than serum cortisol.

Vining RF, McGinley RA, Maksvytis JJ, Ho KY.

Abstract

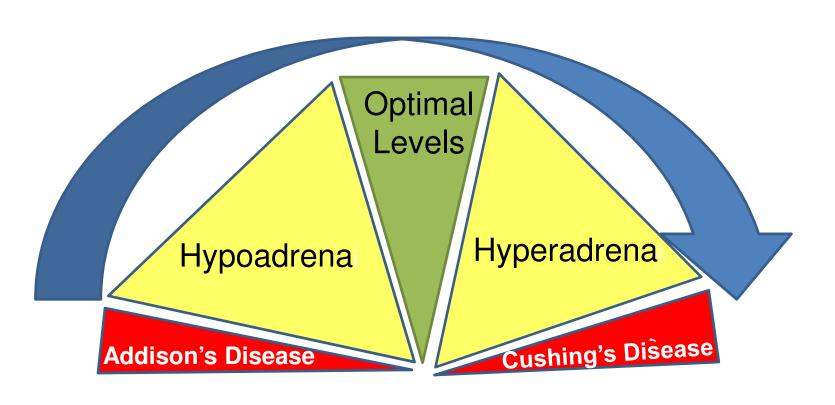
Salivary cortisol concentration was found to be directly proportional to the serum unbound cortisol concentration both in normal men and women and in women with elevated cortisol-binding globulin (CBG). The correlation was excellent in dynamic tests of adrenal function (dexamethasone suppression, ACTH stimulation), in normals and patients with adrenal insufficiency, in tests of circadian variation and randomly collected samples. Women in the third trimester of normal pregnancy exhibited elevated salivary cortisol throughout the day. The relationship between salivary and serum total cortisol concentration was markedly non-linear with a more rapid increase in salivary concentration once the serum CBG was saturated. The of equilibrium of cortisol between blood and saliva was very fast, being much less than 5 minutes. These data, combined with a simple, stress-free, non-invasive collection procedure, lead us to suggest that salivary cortisol is a more appropriate measure for the clinical assessment of adrenocortic function than is serum cortisol.

PMID: 6316831 [Publimet - indexed for MEDI INF]

Annals of Clinical Biochemistry



Normal Values



Adrenal Fatigue Dr. James L. Wilson, p89



What If I Take Transdermal Hormone Replacement?

Salivary levels will raise above testing range for approximately two months. You can **NOT** use salivary testing while applying progesterone creams, etc.

Since transdermal hormones are transported via the skin to the lymph to all cells of the body (not the blood), a blood test will not show any change and is therefore also unreliable assessment.

Therefore, both salivary and blood testing will be unreliable in regards to monitoring the effects of therapy. You will need to use symptomatic response.





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Why Does Low Cortisol Cause Salt Cravings?



Is It Okay To Use Salt?

Recommend Powdered Kelp because it contains both sodium and potassium. Kelp also contains iodine which can assist the thyroid which is usually dysfunctional when you have adrenal dysfunction. You can add sea salt to the Kelp Powder as desired.



Vitamin C

The more cortisol secreted the more vitamin c is used is the cascade to create the hormone.

The highest concentration of Vitamin C is in the adrenal gland.

Necessary for both catecholamine synthesis and steroidogenesis.

Studies – 1,000mg 3x daily



Pantothenic Acid

Adrenal dysfunction with inadequate levels of B5

It will help regulate levels of cortisol that is secreted.

Minimum of 500mg 3x a day



Magnesium

Helps Insulin Sensitivity - More Sensitive Insulin Less Abuse of Cortisol

Perform Magnesium Calibration

Mg is a GABA antagonist which will promote growth hormone and melatonin. Melatonin helps create more sensitivity of the hypothalamus to cortisol helping the negative feedback mechanism to turn off cortisol secretion

Mg reduces nocturnal ACTH secretion which is why Mg helps people get better sleep



Relora[®] (Stress Relief™)

- Patented Formulation from California-based Next Pharmaceuticals
- Combination of magnolia and phellodendron
- Anti-anxiety and anti-stress properties similar to benzodiazapenes, yet non-sedating
- Anti-depressant properties
- Normalize DHEA and cortisol levels
- Low side effect profile / Dosage: 1 capsule TID
 - ✓ AlignLife.

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Stage of Adrenal Damage

Stage 1 - Normal Adaptation to Stress
 "Stressed and Wired"

Stage 2 – Adrenal Fatigue
 "Stressed and Tired"

 Stage 3 – Adrenal Exhaustion "Tired Than Wired"



Stage 1 - Normal Adaptation to Stress

Stressed and Wired

- Both Cortisol and DHEA Increase with stress
- Usually Asymptomatic

Need Adrenal Balance Program



Adrenal Balance

Adaptagenic Adrenal Support
 Stress Relief (1 QD)
 (Rhodiola, Relora, Ashwagandha)

- Vitamin C
 Active-C (1 BID)
- Glycemic Regulation
 Sugar Balance (1 TID)

(All Programs Must Have Patient on a Pharmaceutical-Grade Multivitamin with sufficient B-Vitamin intake)

✓ AlignLife.

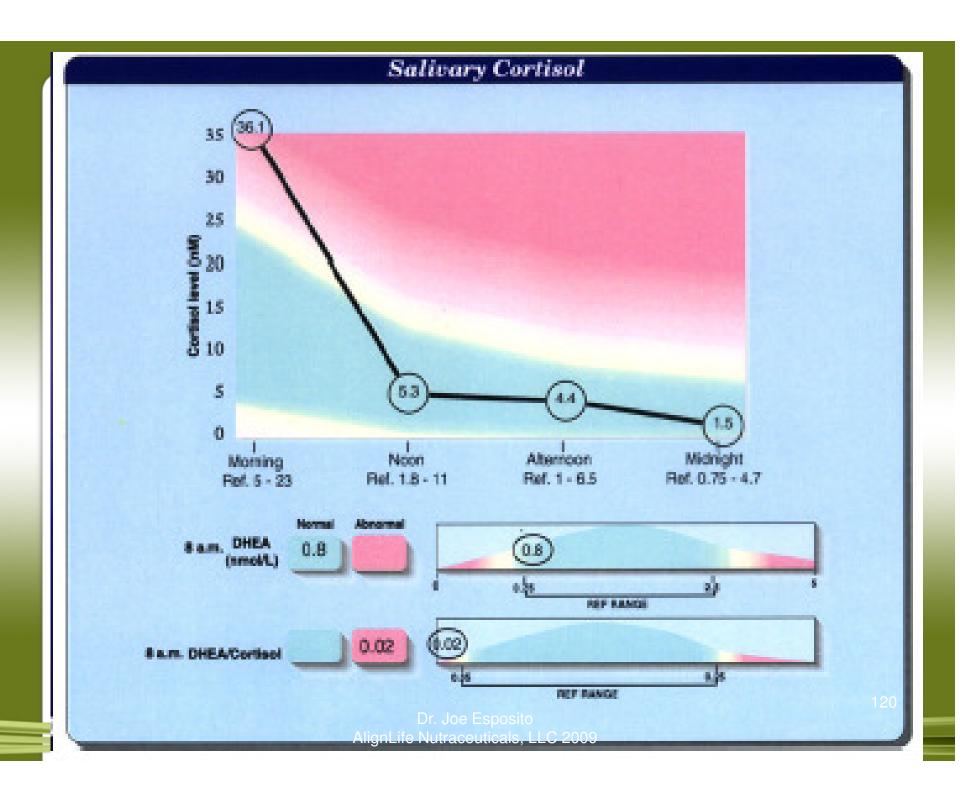
Stage 2 – Adrenal Fatigue

"Stressed and Tired"

- Cortisol Increases and DHEA declines
- Stressed, Anxiety Attacks, Mood Swings

Need Adrenal Boost Program





Adrenal Boost

- Adaptagenic Adrenal Herbal Support Stress Relief (2 QD)
- Vitamin C Active-C (1 BID)
- Glycemic Regulation Sugar Balance(1 TID)
- Pregnenolone (2 QD)





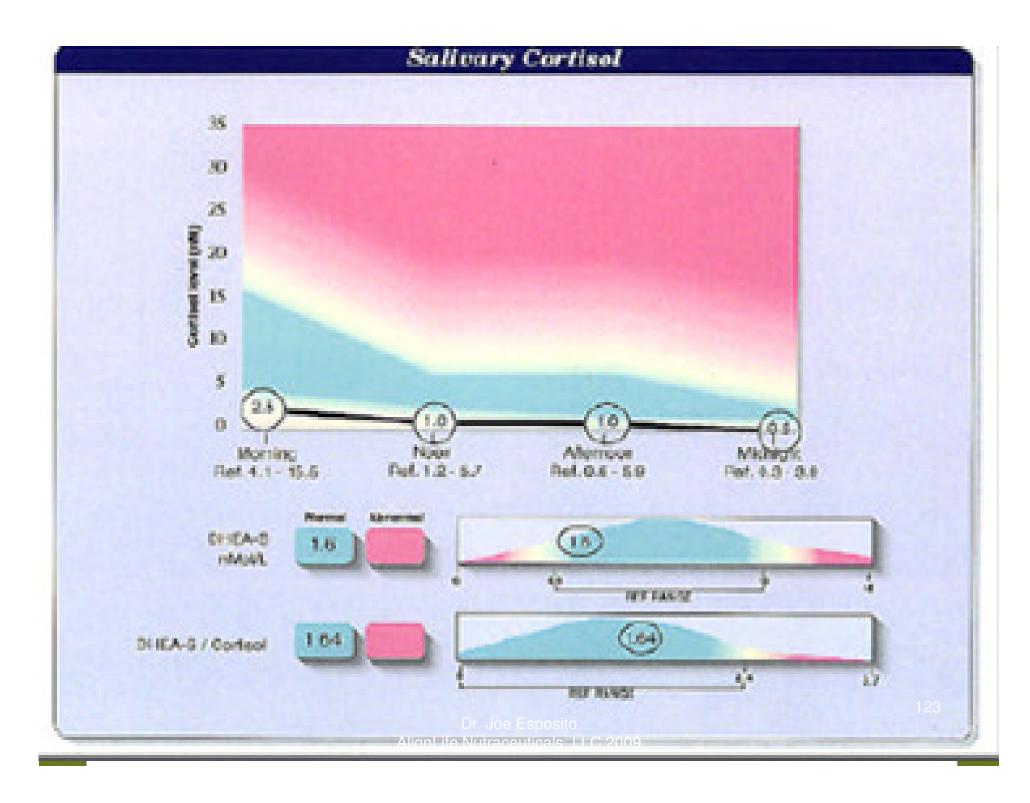
Stage 3 – Adrenal Exhaustion

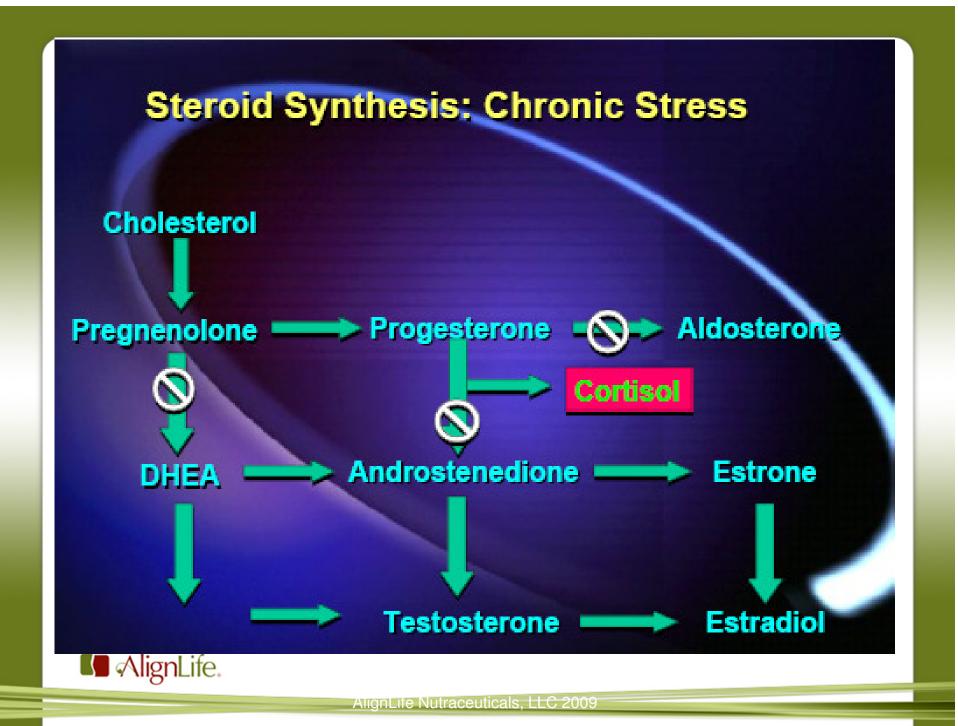
"Tired Than Wired"

- Both Cortisol and DHEA are low
- Depression and Exhaustion

Need Adrenal Restoration Program







Adrenal Restoration

- Adaptagenic Adrenal Herbal Support Stress Relief (2 QD)
- Vitamin C
 Active-C (1 BID)
- Glycemic Regulation Sugar Balance(1 TID)
- Pregnenolone (2 QD)
- Adrenal Glandular Adrenal Restore (2QD)
- Herbal Sleep Support Sleep Aid (2QD)

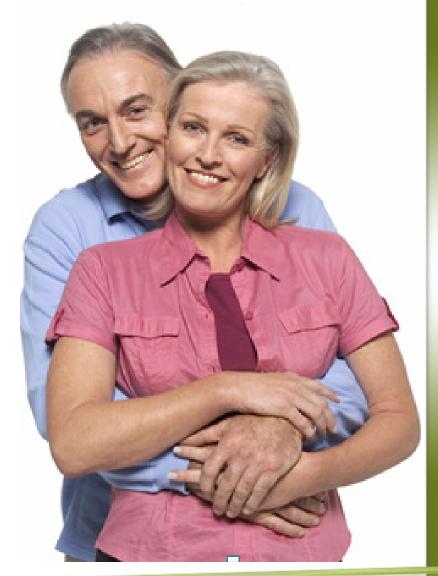






The Lifestyle Components

- Balance Blood Sugar
 - Increase Fiber & Protein Reduce Sugar/Carb
- Eliminate Stimulants
- Increase Exercise
- Relaxation Techniques
 - Abdominal Breathing
 - Progressive Relaxation
 - Meditation
- Increase Quality Sleep



Mental Exercises

- Good For Me / Bad For Me
- Energy Robbers (actions, people, things)
- Adapt to Situations (Change/Adapt/Leave)



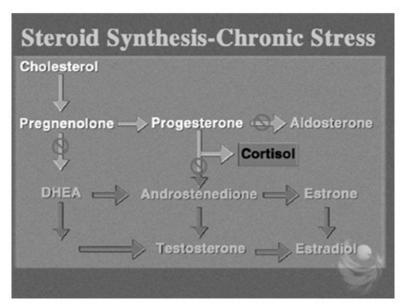


Your Adrenal Report

Name: Date:

The adrenal gland is a small triangular-shaped tissue above each of your kidneys. It is responsible for many vital body functions include sodium balance, sugar regulation, stress management, weight management, sex hormone creation and many other functions.

If you adrenal gland is damaged it will take approximately four to six months to regulate the gland using very specific nutritional formulations, dietary changes and lifestyle enhancement. It is very important that you follow all recommendations because the nutrients alone without dietary changes and lifestyle enhancements will not create the healing necessary to repair your gland.





The test you completed (attached) provided the following information about your adrenal gland:				
Within Normal Limits: Your adrenal gland is working within normal limits.				
Nutrient Program: Begin or continue taking the Foundation-W program to maintain your health. Other:				
Adrenal Stress: Your adrenal gland is under excess stress and beginning to show signs of compromise.				
Nutrient Program: Adrenal Balance Program for months. Take capsule(s) of DHEA first thing in the morning. Other:				
Adrenal Fatigue: Your adrenal gland is under extreme stress and has lost its ability to adapt to stress.				
Adrenal Fatigue: Your adrenal gland is under extreme stress and has lost its ability to adapt to stress. Nutrient Program: Adrenal Boost Program for months. Take capsule(s) of DHEA first thing in the morning. Other:				
Nutrient Program: Adrenal Boost Program for months. Take capsule(s) of DHEA first thing in the morning.				



Adrenal Program Details

Adrenal Balance

- Stress Relief (2 caps AM / 1 cap PM)
- Active-C Tabs (1 tab 3x daily)
- Sugar Balance (1 cap 3x daily w/meals)

Adrenal Boost

- Stress Relief (2 caps AM / 1 cap PM)
- Pregnenolone (3 caps in the AM)
- Active-C Tabs (1 tab 3x daily)
- Sugar Balance (1 cap 3x daily w/meals)

Adrenal Restoration

- Stress Relief (2 caps AM / 1 cap PM)
- Pregnenolone (3 caps in the AM)
- Adrenal Restore (2 caps in the AM)
- Active-C Tabs (1 tab 3x daily)
- Sugar Balance (1 cap 3x daily w/meals)
- Sleep Aid (2 caps before bed)

If DHEA is Deficient - (Add Addition \$17)

- o Men (2 caps in the AM)
- o Woman (1 cap in the AM)



Dietary Enhancements

The following dietary changes are extremely important to embrace to assist in the healing of your adrenal gland.

- ✓ Eat 5 smaller meals a day. Don't miss breakfast!
- ✓ Increase protein intake to a minimum of ½ to ¾ a gram per pound of body weight.
- ✓ Limit/Eliminate simple sugar intake (candies, cookies, ice cream)
- ✓ Limit breads/pastas/potato intake (high carb foods)
- ✓ Increase fiber from fruits and vegetables
- ✓ Eliminate consumption of soft drinks and drink primarily water

Lifestyle Enhancements

- ✓ Learn to respond to stress instead of reacting the stress
- ✓ Embrace stress reduction techniques such as yoga, meditation and deep breathing.
- ✓ Begin cardiovascular exercise 4-5x weekly. Increase intensity each week over a 6 month period of time.
- Think positive. Be around positive individuals. Your attitude and behavior will have an affective on your stress and your adrenal function.
- ✓ OPTIONAL: Begin weight resistance exercises three times per week.

Follow Up Consultations
In the management of some condition it is important to continue consultations to assess how you are responding to your program and to continue to teach the implementation of dietary changes and lifestyle. Follow up consultations are also of benefit to improve compliance of the programs implemented. The following are the recommendation for follow up consultations
Follow up consultations at a frequency of

Follow up consultations at a frequency of						
Retest						
1. Test:	Date:	2. Test	:: Date:	3. Test:	Date:	

☐ Your Adrenal Balance Supplement Schedule

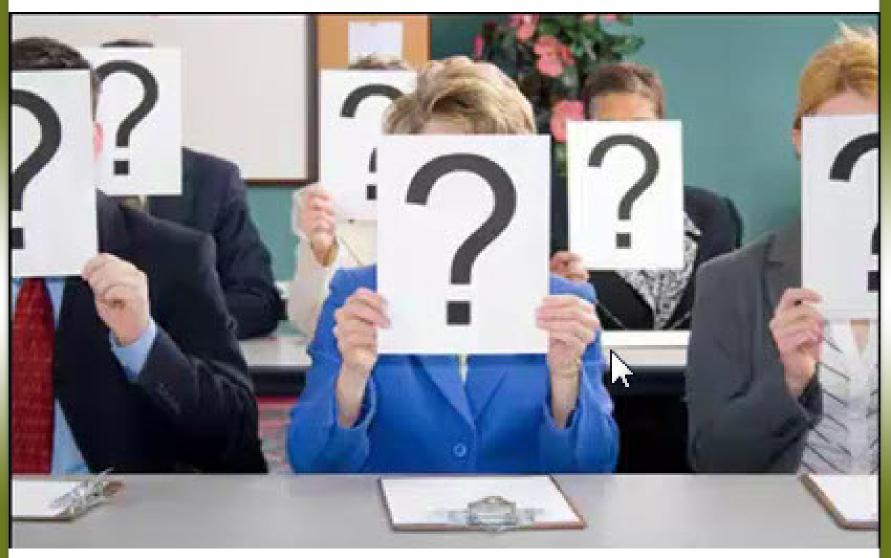
Nutrient	Morning	Afternoon	Evening
Stress Relief	2	1	
Active-C Tabs	1	1	1
Sugar Balance (with meals)	1	1	1
DHEA (if needed)	Men 2 Women 1		

☐ Your Adrenal Boost Supplement Schedule

Nutrient	Morning	Afternoon	Evening
Stress Relief	2	1	
Pregnenolone	3		
Active-C Tabs	1	1	1
Sugar Balance (with meals)	1	1	1
DHEA	Men 2 Women 1		

☐ Your Adrenal Restoration Supplement Schedule

Nutrient	Morning	Afternoon	Evening
Stress Relief	2	1	
Pregnenolone	3		
Adrenal Restore	2		
Active-C Tabs	1	1	1
Sugar Balance (with meals)	1	1	1
Sleep Aid			2
DHEA	Men 2 Women 1		



■ AlignLife.

Interested in More Information?

Come to Booth 42

Become one of 20 clinics we will focus on nutrition integration protocols

Contact AlignLife Nutraceuticals

- (309) 807-4439
- info@alignlifenutrition.com

