

# Organ Development – a key to understanding how Bioregulatory Medicine is curative

October 20, 2017

Dick Thom, DDS, ND



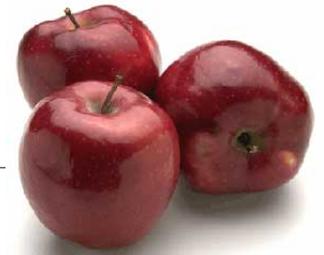
# Truth - (The Story of BioRegulatory Medicine)

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- All truth passes through 3 stages.
  - First, it is ridiculed.
  - Second, it is violently opposed.
  - Third, it is accepted as being self-evident.

*Arthur Schopenhauer, German philosopher (1788 - 1860)*

# HEALTH



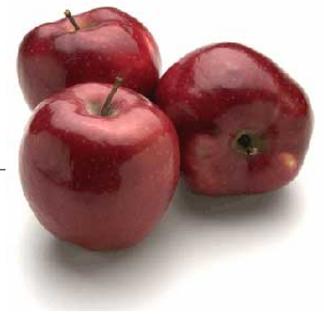
“A state of complete physical, mental and social well-being and not merely the absence of disease or infirmity  
(WHO 1948)



World Health  
Organization

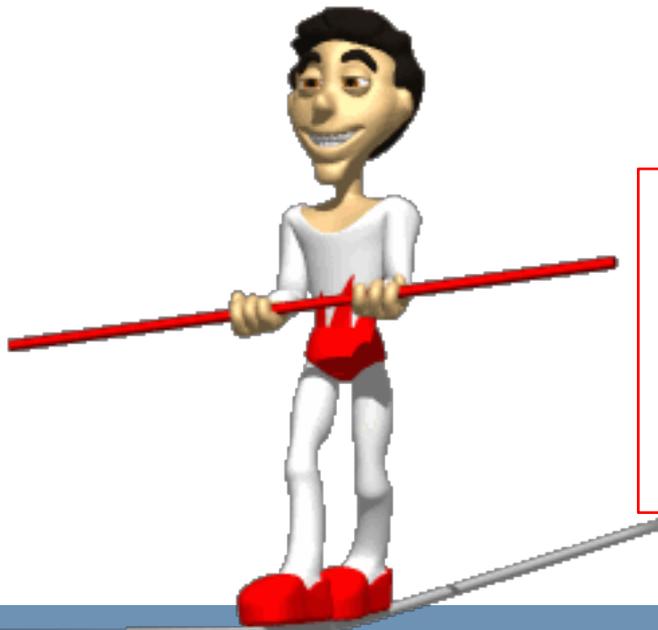
Not changed since it was published 68 years ago

# HEALTH



In the simplest words:

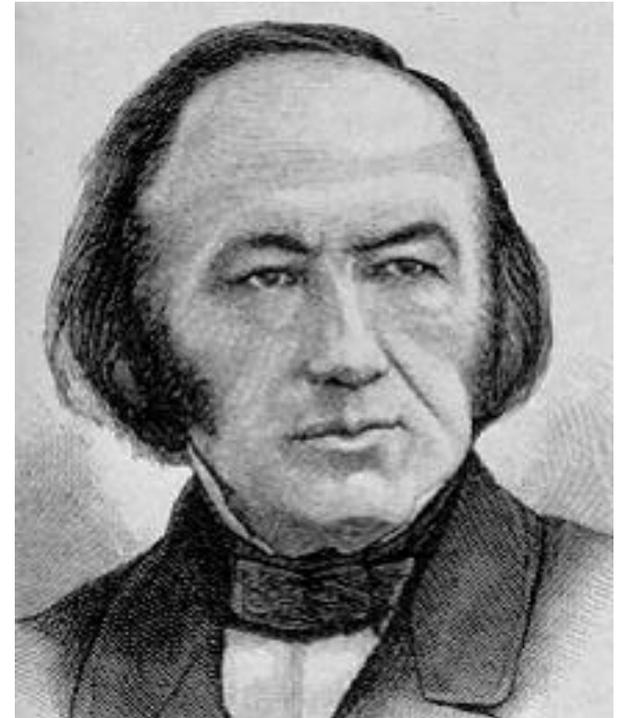
**A state of HOMEOSTASIS  
(balance) on ALL levels.**



**But what does  
Homeostasis mean?**

# Homeostasis

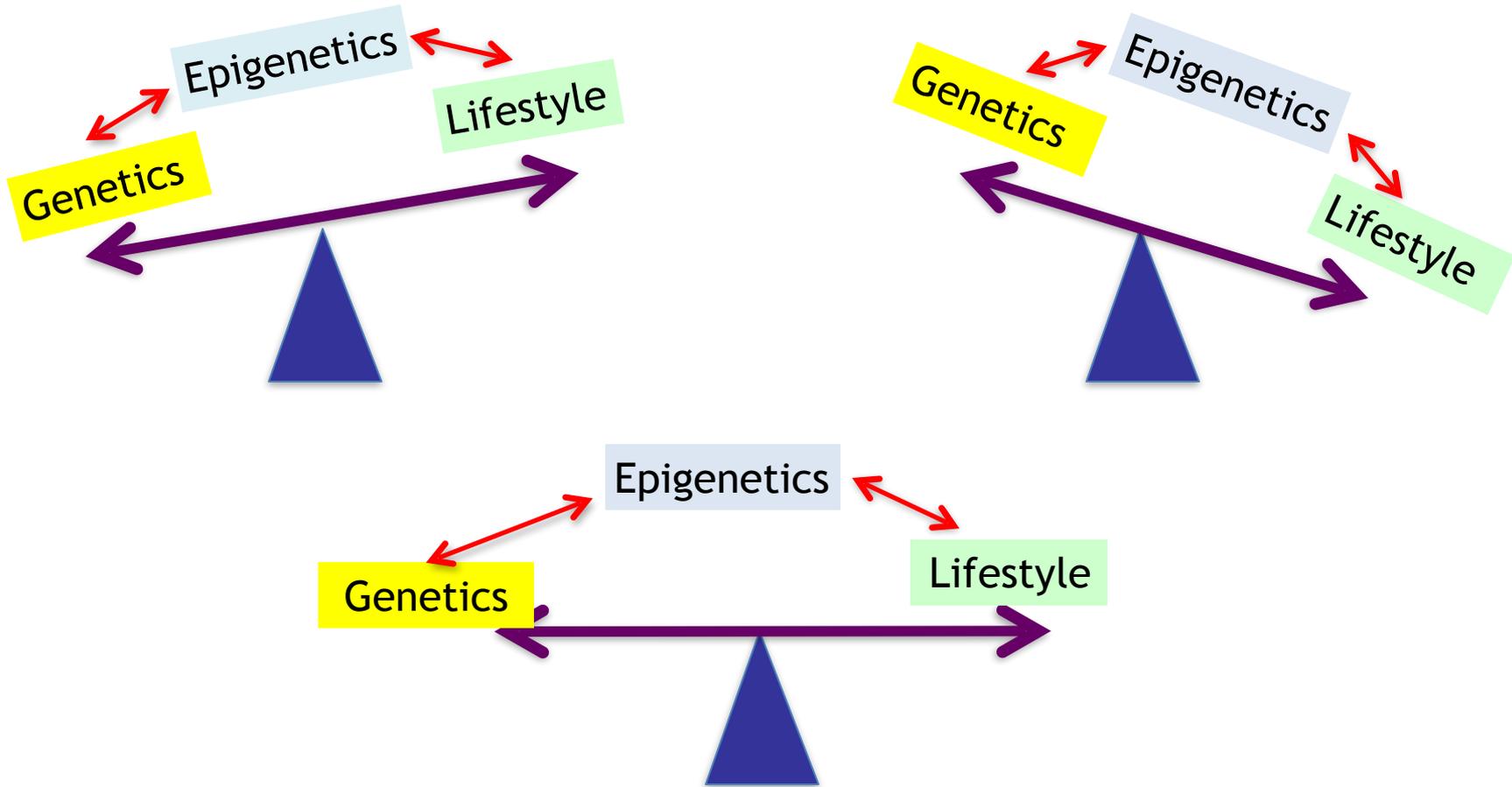
"All the vital mechanisms, varied as they are, have only one object, that of preserving constant the conditions of life in the internal environment"



Father of Physiology

Claude Bernard 1813-1878: Leçons sur les Phénomènes de la Vie Commune aux Animaux et aux Végétaux, 1879).

# HEALTH



A continuous **BALANCING** act in **ALL**  
systems

# Optimal Health : Biological Processes in Balance

## Stage 1

Normal health function

Digestion

Immune Function

Circulation

Hormonal Regulation

## Stage 2

External factor; e.g. physical, mental, chemical

## Stage 3

Reaction to remove external factor; creates symptoms

## Stage 4

Discharge/ inflammation, and internal compensation

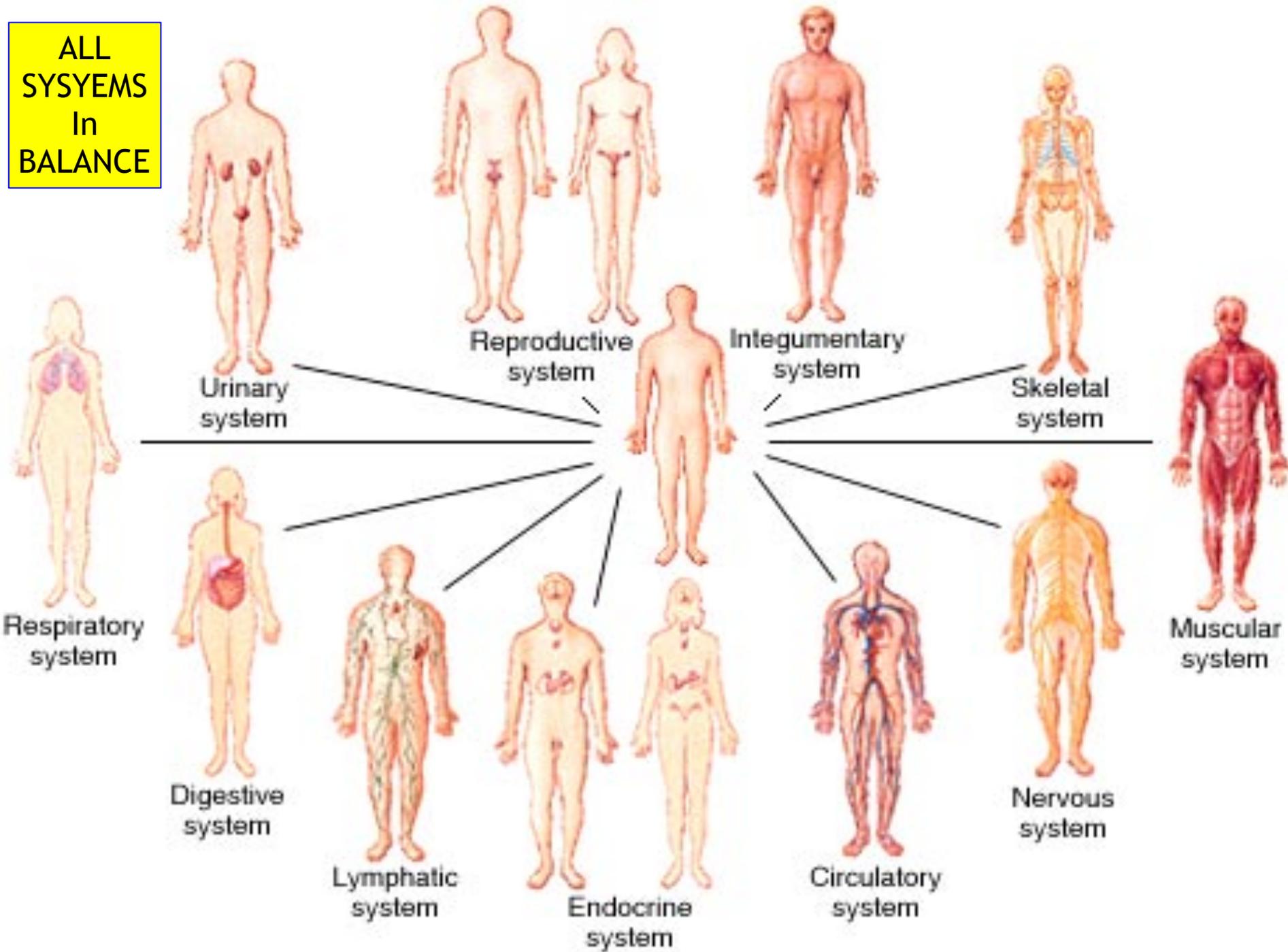
## Stage 5

Healthy function is re-established; no symptoms

No symptoms doesn't indicate health.

Normal does not mean healthy; goal is optimal health.

**ALL  
SYSTEMS  
In  
BALANCE**

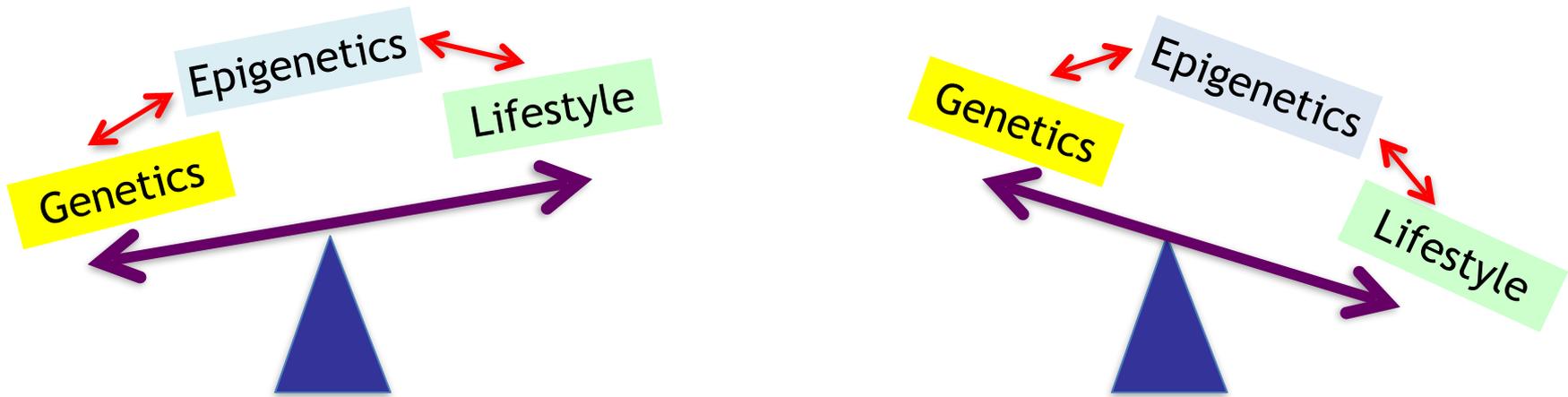


# DIS-EASE

In the simplest words

A state of “Dis-ease”  
on ANY level  
(spiritual, mental,  
emotional, physical)

# DIS-EASE



A continuous **IMBALANCE**  
in **ONE** or more Systems

# Six Stages of the Chronic Illness Process

## Stage 1

Normal function

## Stage 2

External factor; e.g. physical, mental, chemical

## Stage 3

Reaction to remove external factor; creates symptoms

## Stage 4

Discharge/ inflammation, and internal compensation

## Stage 5

Continuous reaction is insufficient to restore balance; fatigue ensues, multi-symptom involvement

## Stage 6

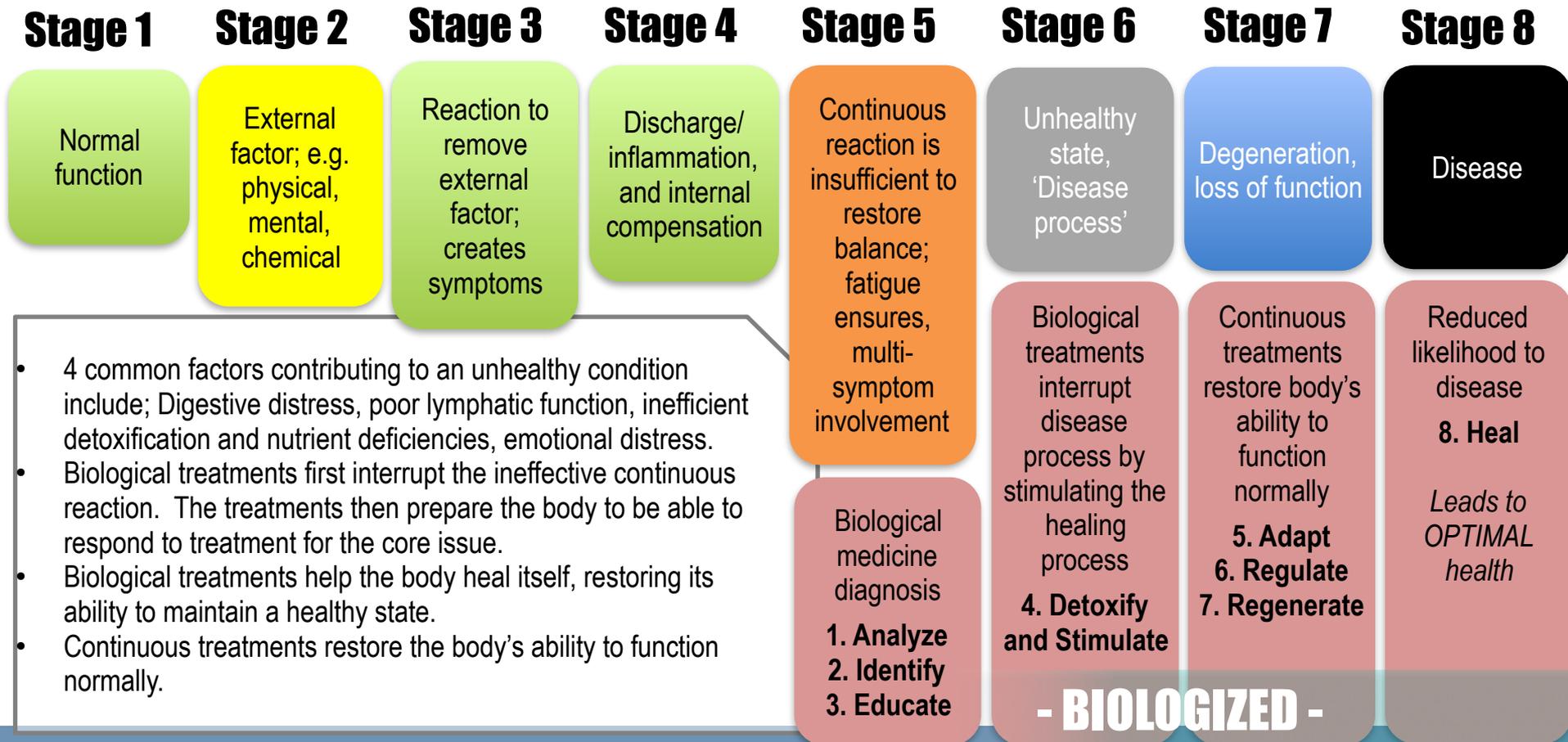
Chronic Illness Process

Chronic means continuous effort to restore normal functioning.

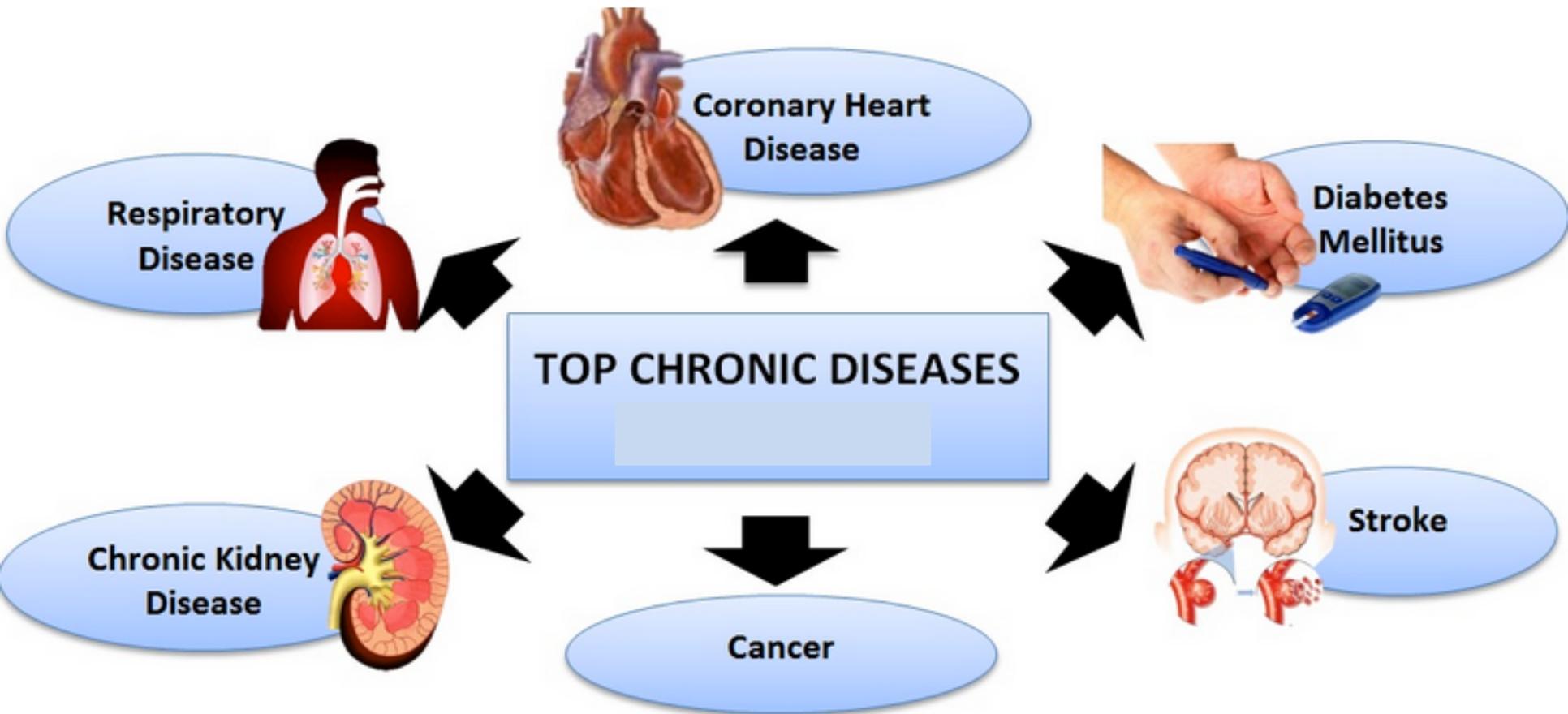
Continuous effort over an extended period of time = disease process.

Chronic is a problem your body can't solve.

# Biological Treatment Process for Chronic Illness



# Typical “Common” Chronic Diseases



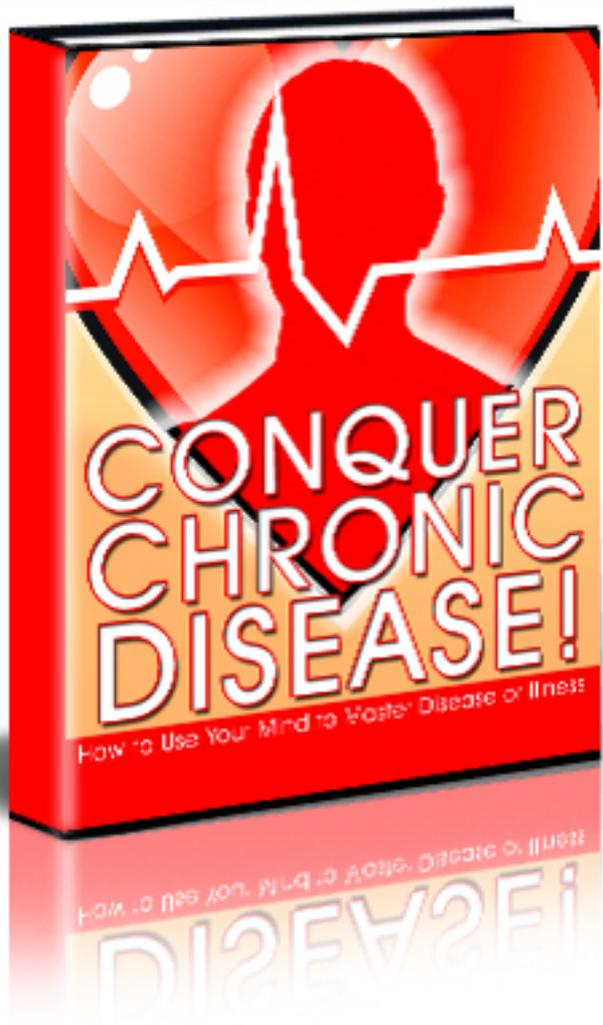
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**At what AGE is a  
chronic disease  
most commonly  
diagnosed?**

# Women over 40



# Men over 50



But when  
does  
**CHRONIC  
DISEASE**  
start?



# Preconception



By John Cloud ; Jan 18, 2010

“Epigenetics - the study of chemical changes that occur to DNA and the proteins that organize it. These changes do not alter the DNA sequence so the genetic code remains the same. The changes do affect gene expression - whether genes are turned on or off. Altering gene expression can have huge repercussions on normal cell function and, in turn, the health of organisms, regardless of whether the organisms are bacteria, plants or humans.”

“Environmental factors such as poor nutrition and smoking can cause epigenetic changes that can not only affect a person's health but the health of their future children.”

OCTOBER 4, 2010

**Environment Special:**  
The oceans—why 70%  
of our planet is in danger

**The Facebook Movie:**  
The secret history of  
social networking

**TIME**

**How the  
first nine  
months  
shape  
the rest  
of your life**

The new science  
of fetal origins

BY ANNIE MURPHY PAUL



www.time.com

By Annie Murphy Paul

Wednesday,  
Sep. 22, 2010

# Since preconception: And why is this

true

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**Because**  
**TERRAIN** is more  
**important than**  
**the ILLNESS**

Immunology/  
Allergy

Endocrinology

Pulmonary

Gastroenterology

Cardiology

Urology/Nephrology

Organ System Diagnosis

Hepatology

Neurology

Dermatology

Signs and Symptoms

Fundamental Clinical Imbalances  
 Hormonal and Neurotransmitter Imbalances  
 Detox/Biotransformation/Excretory Imbalance  
 Immune Imbalance  
 Inflammatory Imbalance  
 Digestive/Absorptive and Microbiological Imbalance  
 Structural Integrity Imbalance

Fundamental Physiological Processes

1. Communication - Outside the cell - Inside the cell	2. Bioenergetics/Energy Transformation 3. Replication/Repair/Maintenance/ Structural Integrity	4. Elimination of Waste Protection/Defense 6. Transport/Circulation
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Mind and Spirit  
 GENETIC PREDISPOSITION  
 Experiences, Attitudes, Beliefs

Psycho-social

Physical Exercise  
Trauma

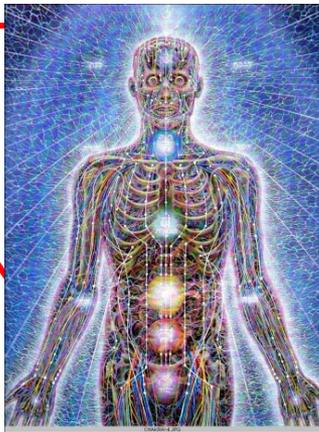
Diet, Nutrients,  
Air/Water

Xenobiotics  
Micro-organisms  
Radiation

TERRAIN

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**ALL “Dis-ease” begins as  
an energetic imbalance  
- long before the  
presence of detectable  
signs and symptoms**



**Energetic**  
(starts pre-  
conception)

**Functional**



**Lesiona  
l  
(physical)**



**3 levels  
of imbalance**

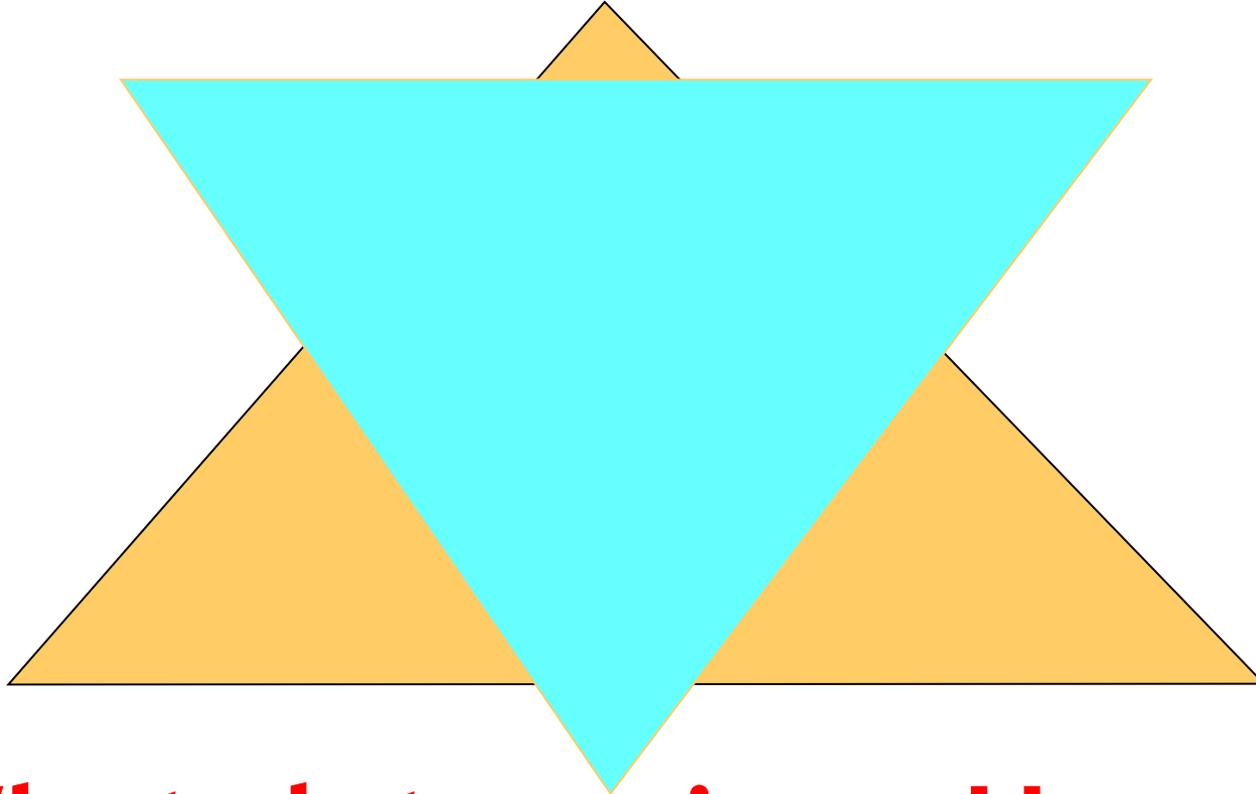
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Since these energetic imbalances started preconception, is there a way to impact their affect on the presentation and management of chronic disease?



# ALL Systems are Inter - Related

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**What determines Human  
Development?**

# Environment, Nature/ Nurture

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- Human expression is controlled by genes, and is under the influence of **nature** and thus the mechanism for "controlling" the expression of a Human's physical and behavioral traits.
- Dysfunctions in the population are attributable to environmental influences (**nurture**).
- **Information from:**
  - **The Genie in your Genes, Dawson Church, PhD, 2009**
  - **The Biology of Belief, Bruce Lipton, PhD, Sept 2008**
  - **Mind over Genes CDs by Dr. Bruce Lipton - NWNM - April 25, 2003, Tacoma, WA**
  - **Energy Medicine, The Scientific Basis by James Oschman, 2000**

## Nature or Nurture?

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At conception, genes  
“decide” an individual's  
physiologic and  
behavioral character,  
their biological destiny.

## Nature or Nurture?

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In contrast, **nurture** suggests that the environment is responsible for deciding biological expression and shaping the character of an individual's life.

# Nature or Nurture?

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Modern science has suggested that a dysfunctional individual (physically and/or mentally) has defective genes - currently treated with drugs and surgery.

# Nature or Nurture?

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In a **nurture** controlled system, gene activity is linked to an ever changing environment. Some environments will enhance our potential, while other environments could induce dysfunction and disease.

# GENES are the Answer?

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Since the early 1980's, biologists were convinced that genes "control" biology and a completed map of the human genome would provide science with all the necessary information to "cure" all of mankind's ills.

# GENES are the Answer?

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**BUT.....**

# GENES are the Answer?

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The whole human genome has been revised to fewer than 25,000 (23,688 to be exact) genes and not the expected > 150,000 (# of proteins in the body).

# GENES are the Answer?

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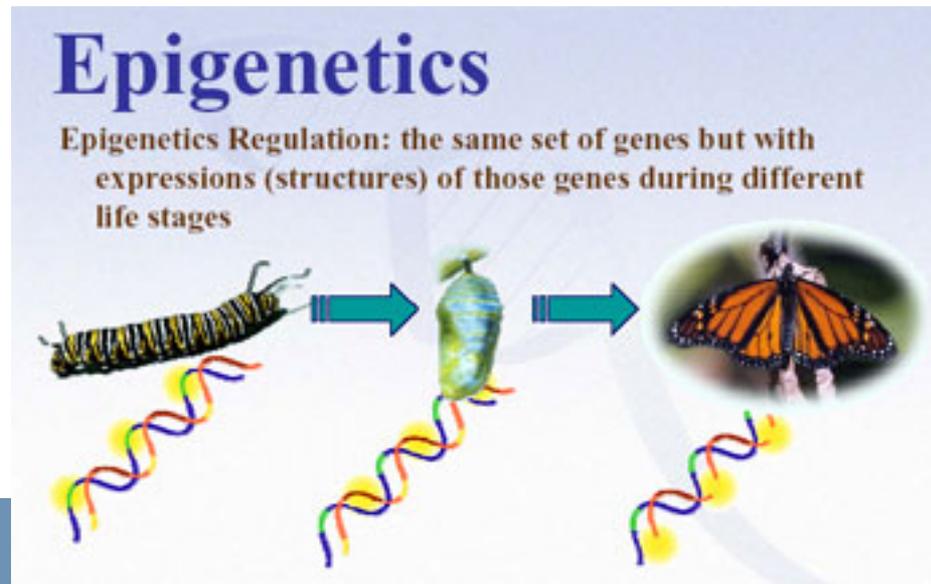
Thus the character of the Human cannot solely be the consequence of inherent genetic programming. So the question is "from where do we acquire our biological complexity?"

# GENES are the Answer?

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Perception of the environment has a direct control over a Human's behavior and gene activity.

**Epigenetics now has shown us  
that energetic imbalances  
begins LONG before  
conception, at LEAST 1  
generation before.**



# 1 year pre-conception

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Low birth weight (for a full term pregnancy) has 2-3 times increased risk of CV disease in the 7<sup>th</sup> decade.

Nigel Plummer, PhD

# Underlying Cure as the Basis of ALL health challenges

## Miasm

- Psoric
- Sycotic
- Tuberculinic
- Syphilitic

## Temperament

- Sanguine
- Lymphatic
- Choleric
- Melancholic

## Constitution



Pre-birth

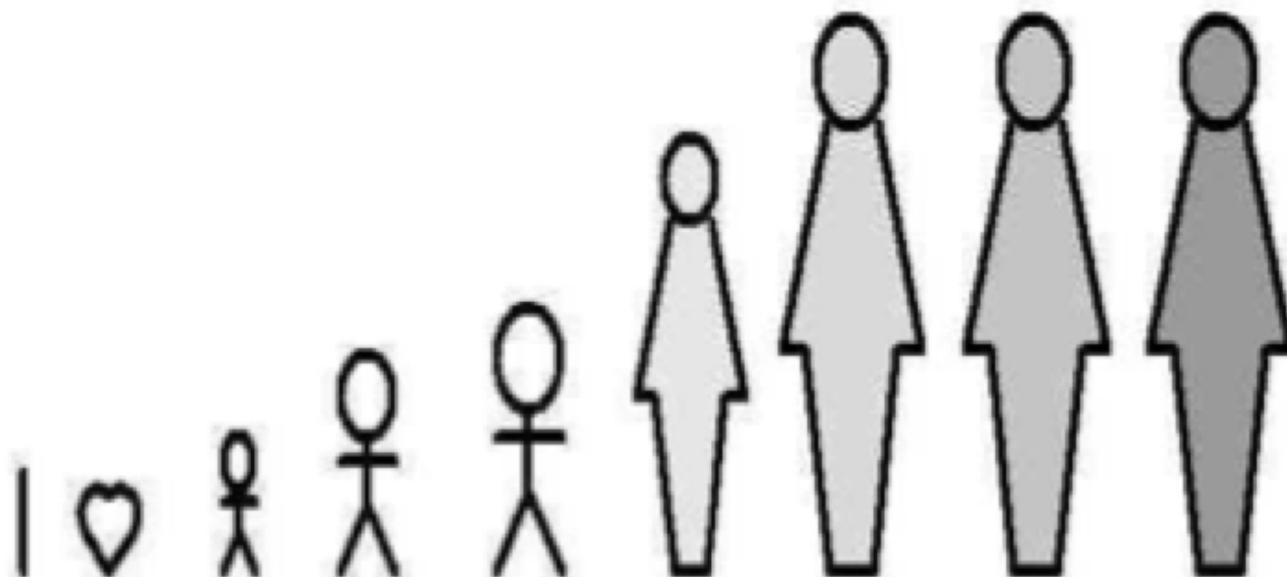
Birth Trauma  
Vaccination  
Circumcision

Broken Bone  
Burn  
Fear

Head Injury  
Surgery  
Anger

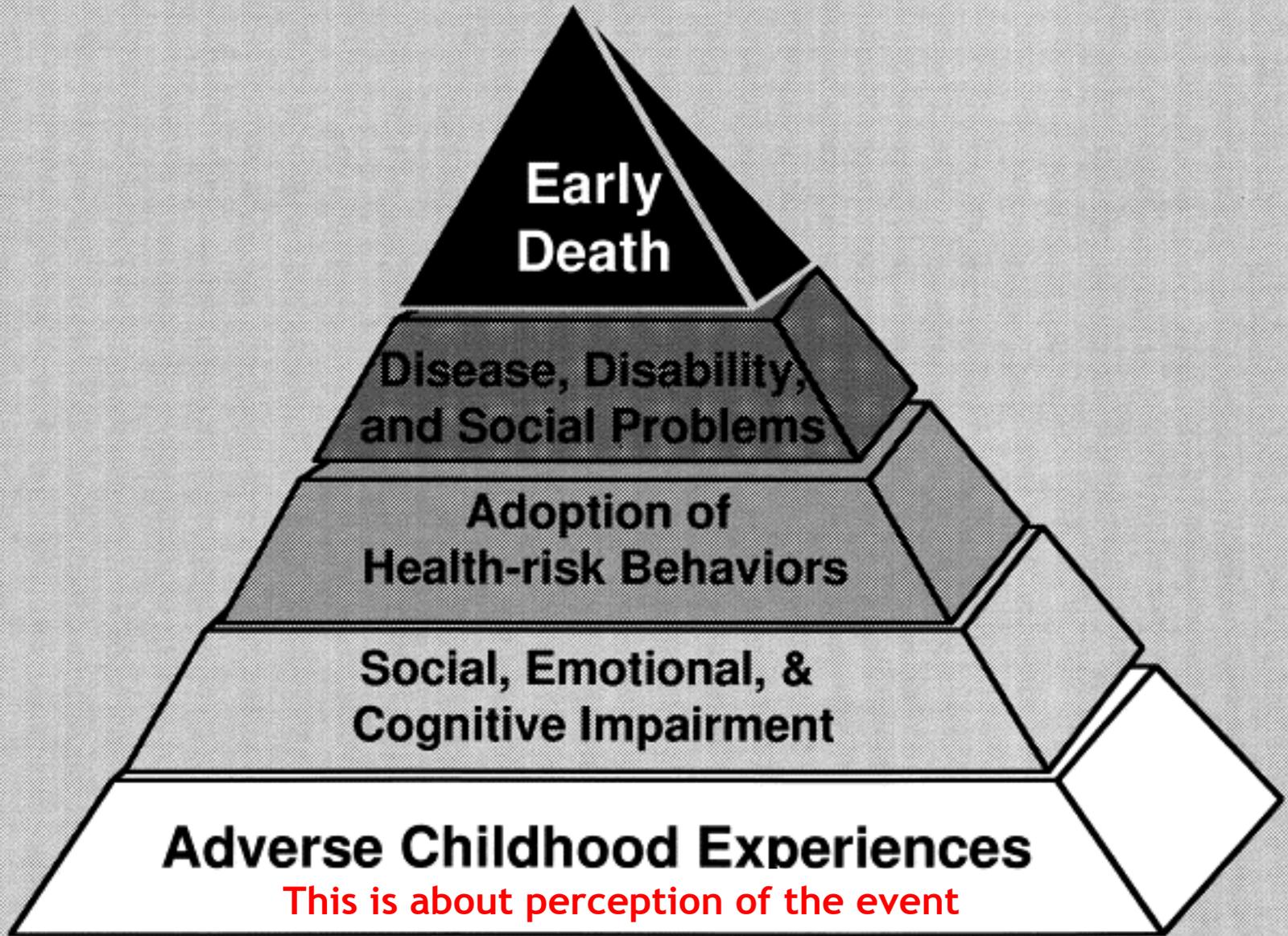
Dental work  
Virus  
Jealousy

Drugs  
Trauma  
Rape



Lifetime of Diseases: Distorted Energy Programs

Death



Birth

# AFFECT OF CHILDHOOD DISEASES

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“Poor childhood health increases morbidity in later life with an association with cancer, lung disease, cardiovascular conditions and arthritis”

**Blackwell, Hayward, & Crimmins, Social Science & Medicine: 52(2001) 1269-1284**

## Genes are Important

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Genes are fundamental to manufacturing the complex proteins necessary for life.

# Survival - Instinct or Perception?

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Humans are dependent on **Nurture** experiences, initiated in utero, to provide "learned perceptions" necessary for survival.

Genetic **instincts** are important to survival but learned perceptions mb more important.

The sum of our instincts and learned perceptions collectively form the **subconscious** mind.

# Innate and Learned Perceptions

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Innate perceptions (**instincts**) are present from conception, **learned perceptions** begin when the nervous system becomes functional

# Nature or Nurture?

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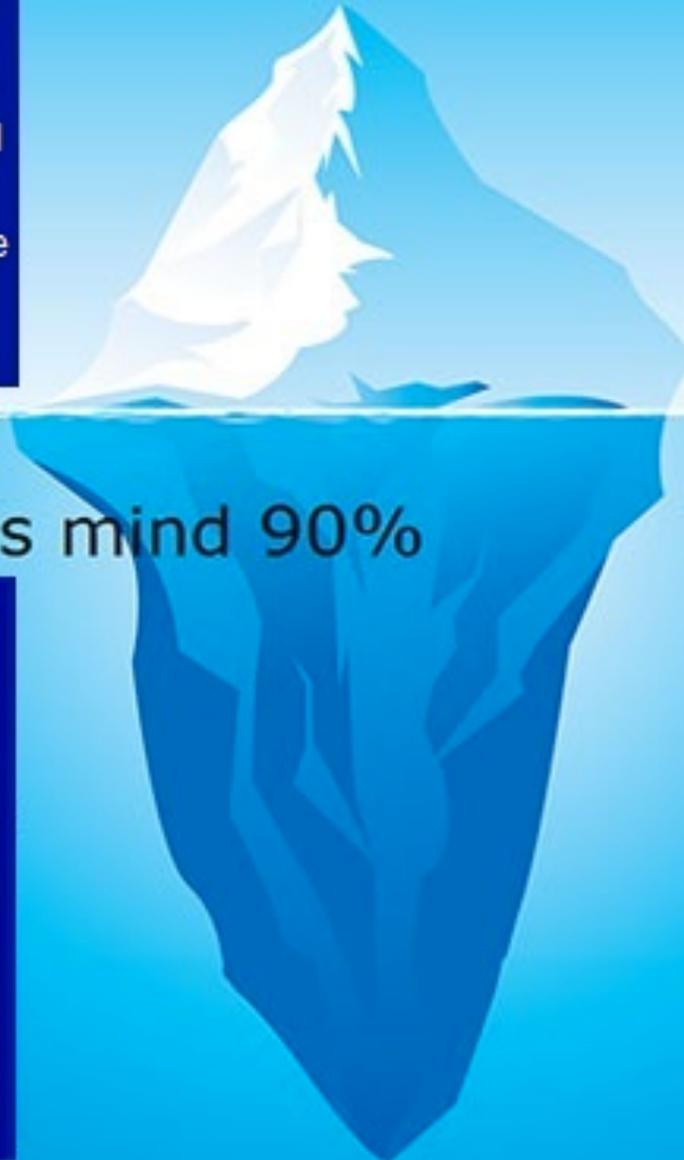
The **conscious** mind, which actively functions around age six, operates independently of the subconscious.

While the **conscious** mind can observe and “question” **learned perceptions**, it is unable to “force” a change in **subconscious**.

## Conscious mind 10%

- Critical thinking
- Logical thinking
- Short term memory
- Willpower

The conscious mind tries to use willpower to control behaviours, habits & beliefs but loses out to the subconscious minds greater influence.



## Subconscious mind 90%

- Beliefs
- Creativity
- Developmental stages
- Emotions & feelings
- Habits & addictions
- Imagination
- Intuition
- Long term memory
- Protective reactions
- Values

Hypnosis uses this part of the mind for change.

Imagine an object coming near your eye

The **conscious** mind picks up **40** environmental stimuli per second

The **subconscious** mind processes **20,000,000** environmental stimuli per second

Thus the blink is due to a **LEARNED PERCEPTION**, not a conscious action

# Conscious - Subconscious

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By the time consciousness evolves to a functional state, most of the fundamental perceptions about life have been programmed into the subconscious.

Consciousness can access this information and review the formerly learned perceptions with the ability to edit the program as appropriate.

However, the editing process in no way changes the original perception which is still in the subconscious. **No amount of “desire” by the consciousness can change the subconscious program.** The subconscious represents stored programs. Its function is strictly concerned with reading environmental signals and engaging the learned behavior programs with no judgments made.

# Conscious - Subconscious

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- Through sheer will power and intent, consciousness can attempt to over-ride a subconscious tape. Usually such efforts are met with varying degrees of resistance, since the cells are obligated to adhere to the subconscious program.
- The conflicts we generally experience in life are frequently related to our conscious efforts of trying to "force" changes upon our subconscious programming.
- However, the content of subconscious beliefs can be accessed and using specific protocols, consciousness can facilitate a rapid "reprogramming" of limiting core beliefs.

# Organ “Energetic” Maturation

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The following discussion is based on the work of Dr. Gerard Gueniot and my own clinical experience.

Each phase follows the normal physiologic development of the Brain, Endocrine system and various Organ tissues.

It is based on classical Chinese medicine, anthroposophical medicine, Western medicine, Nature/ Nurture theory, anthropology and personal clinical experience (but in reality is based on the Laws of Nature).

# Introduction

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It is possible to return a person back to the natural evolutionary process and overcome some of the emotional traumas they may have experienced during their lifetime and thus impact chronic dz to “cure”, not just palliate

Age of the person is not a factor for starting a program

Programming of the organism leaves us with distinct memories which can be “taped over”.

The hippocampus is the site of new memories and about 1400 new hippocampal neurons are produced daily. Their life span is 20-30 years.

# Introduction

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Because of “life experiences” if some “data” was incomplete then one goes through life without this data e.g. If certain gland did not “mature”, the brain- organ connection was not well programmed. This lack of information may then have prevented the proper functioning of any of the downstream organs or endocrine glands

The goal is to “re-program” the brain, create new memories, but NOT to erase memories and re-set organ functions throughout the body

# Introduction

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We are generally consciously unaware of our fundamental perceptions or beliefs about life.

The reason is that the prenatal and neonatal brain is predominately operating in delta and theta EEG frequencies through the first six years of our lives, putting us in the hypnogogic state.

# Introduction

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While in this hypnotic trance, children do not have to be actively coached by their parents for they obtain their behavioral programs simply by observing parents, siblings, peers and teachers.

Did your early developmental experiences provide you with good models of behavior to use in the unfolding of your own life?

# Introduction

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During the first six years of life a child unconsciously acquires the behavioral repertoire needed to become a functional member of society.

In addition, a child's subconscious mind also downloads beliefs relating to self. When a parent tells a young child that she is stupid, undeserving or any other negative trait, this too is downloaded as a 'fact' into the youngster's subconscious mind.

A 4-yo child has been told "no" a few hundred thousand times, not the POSITIVE input needed for their learned perceptions.

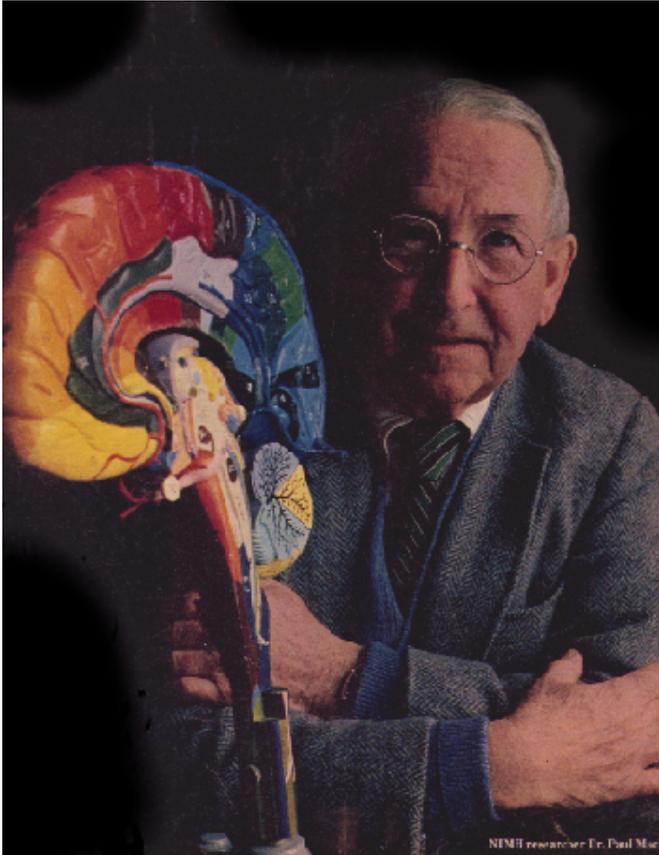
# Introduction

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So we must look at the maturation of:

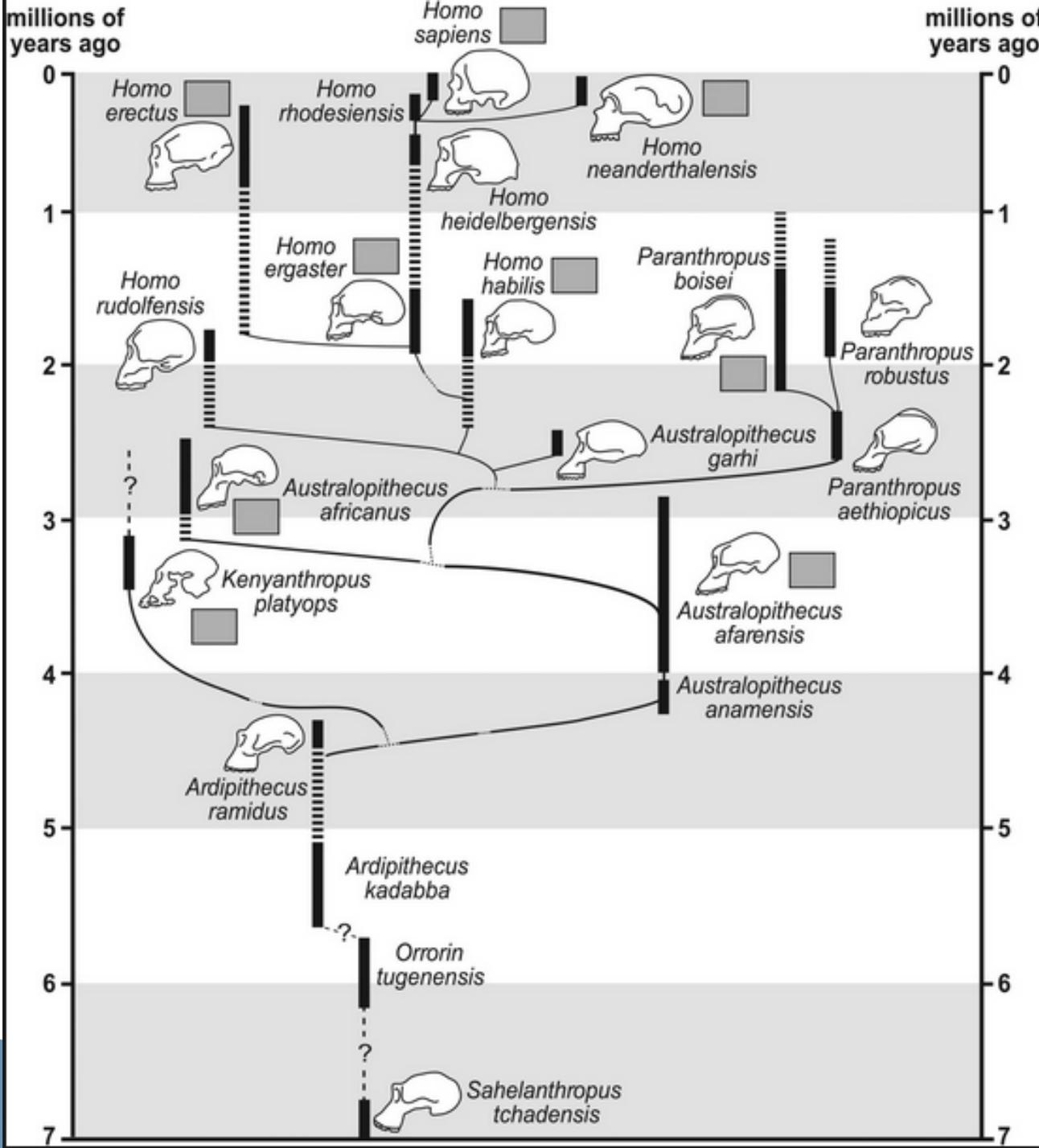
1. The brain
2. The endocrine system
3. The immune system
4. The various organs

# Paul D. MacLean's **TRIUNE BRAIN**



MacLean's evolutionary triune brain theory proposed that the human brain was in reality three brains in one: the reptilian complex, the limbic system, and the neocortex.

May 1, 1913 - Dec. 26, 2007



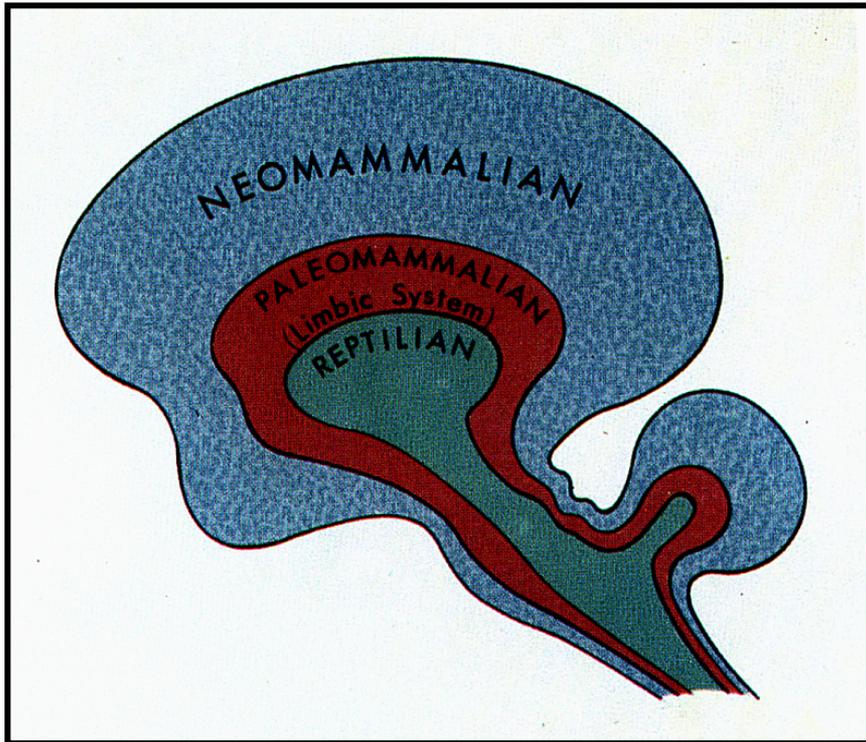
MacLean studied the shapes of skulls to create his theories

The earliest finds of modern **Homo sapiens** skeletons come from Africa. They date to nearly 200,000 years ago on that continent. They appear in Southwest Asia around 100,000 years ago and elsewhere in the Old World by 60,000 - 40,000 years ago.

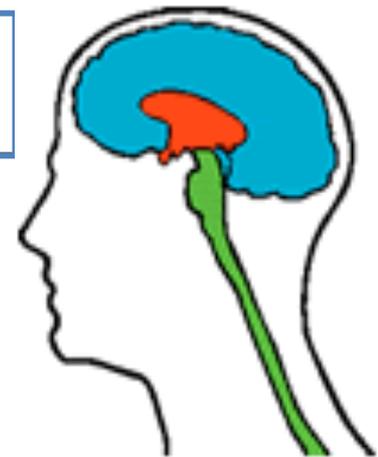
# The Triune Brain

Paul D. MacLean's "*triune*" view of the mammalian brain called attention to the modular substrate of behavior.

- Surrounding the "**reptilian**" **basal ganglia** --controlling habit-- we find . . .
- The "**paleomammalian**" **limbic system** -- substrate of our passions-- embraced by the cingulate gyrus.
- The "**neomammalian**" brain based in the **neocortex** then coordinates inner and outer representations with projections of the future consequences of alternative actions --foresight.



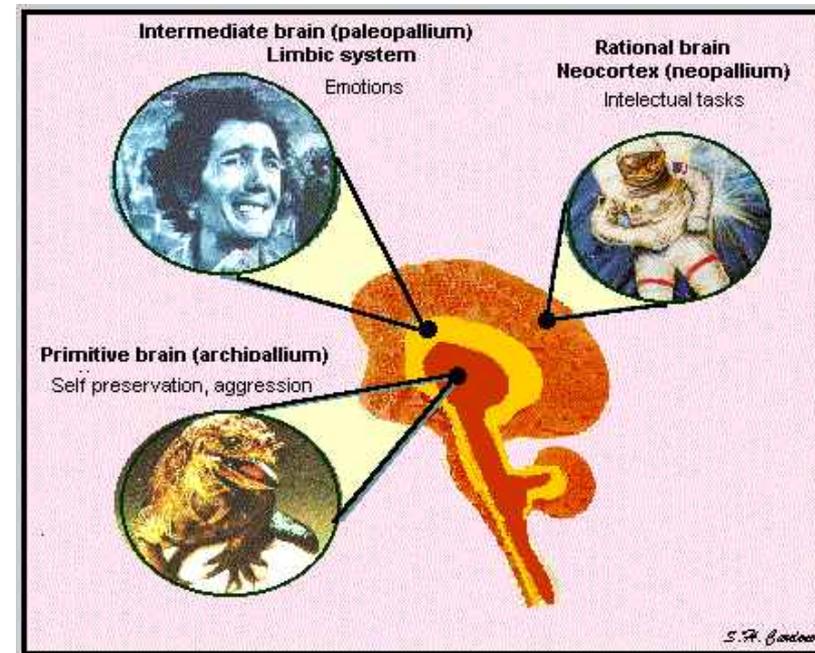
# Triune Brain



■ Archipallium brain (reptilian brain)

● Paleomammalian brain (limbic system)

■ Neopallium brain (neocortex)



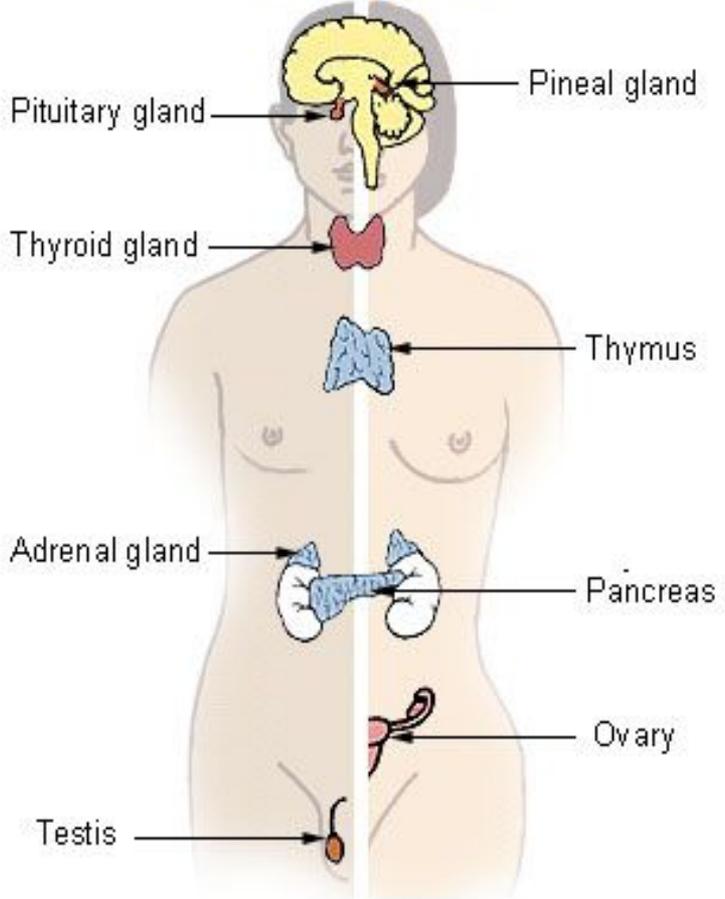
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# Maturation of the **Endocrine** system

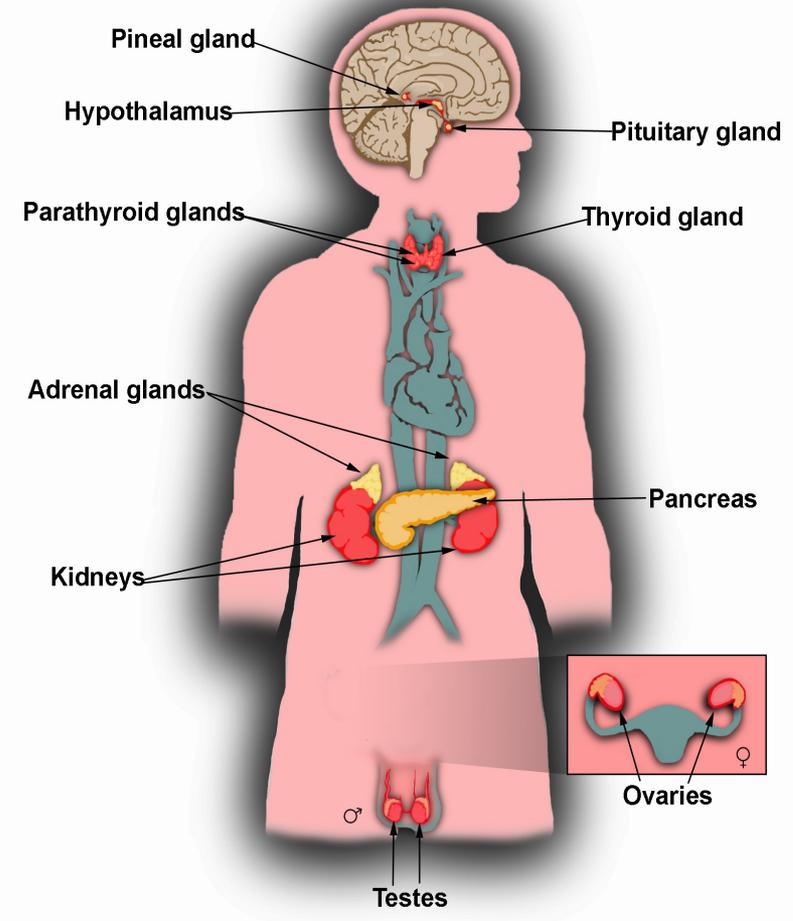
# Endocrine System

## Major Endocrine Glands

Male Female



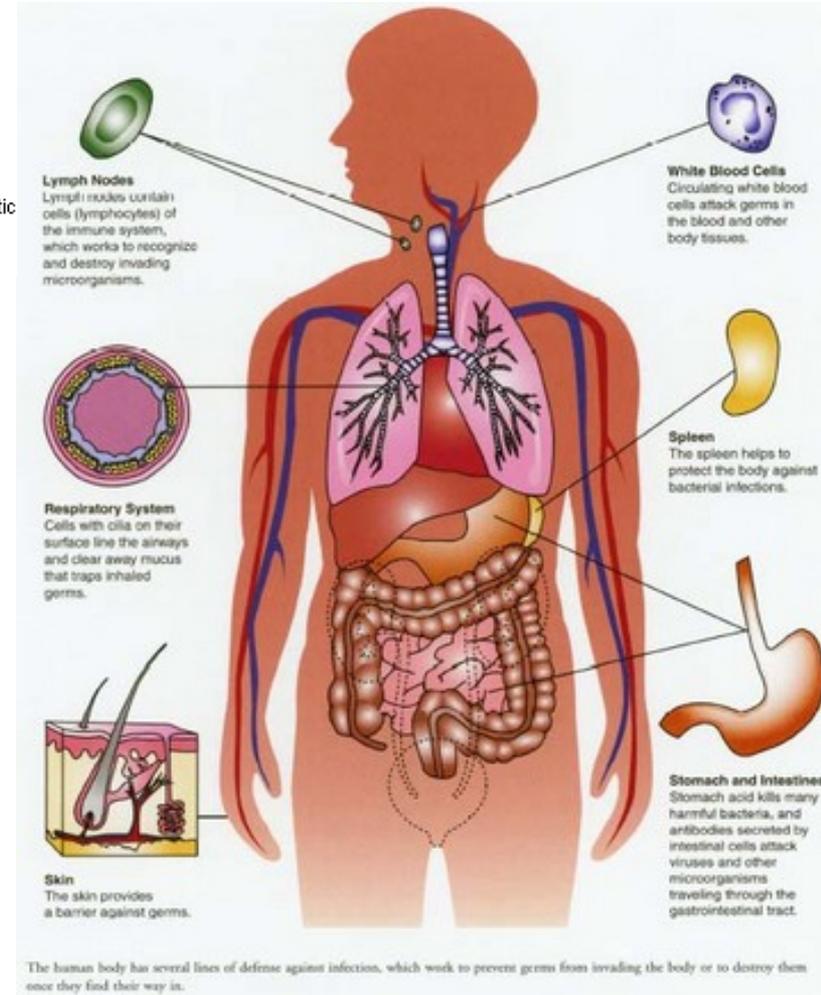
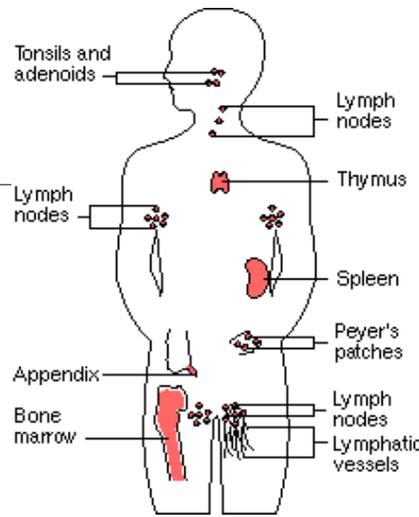
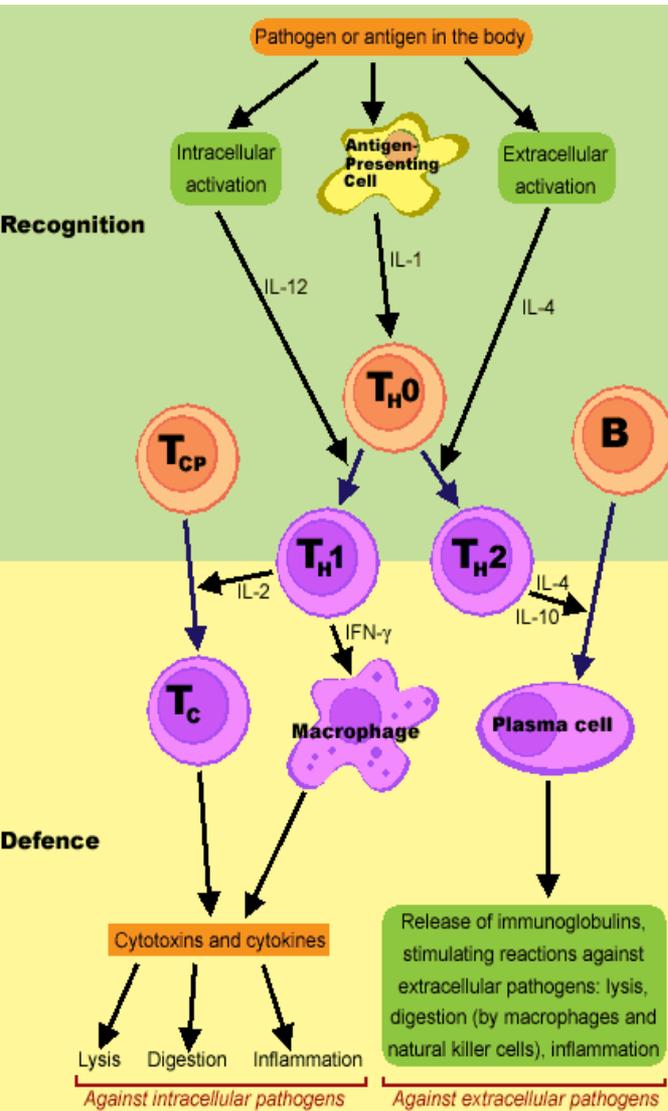
## The Endocrine System



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Maturation of the  
**Endocrine** system  
parallels the maturation  
of the **Immune System**

# Immune System



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Maturation of the  
**Endocrine** system  
parallels the maturation of  
the **Immune System** and  
the **Brain**

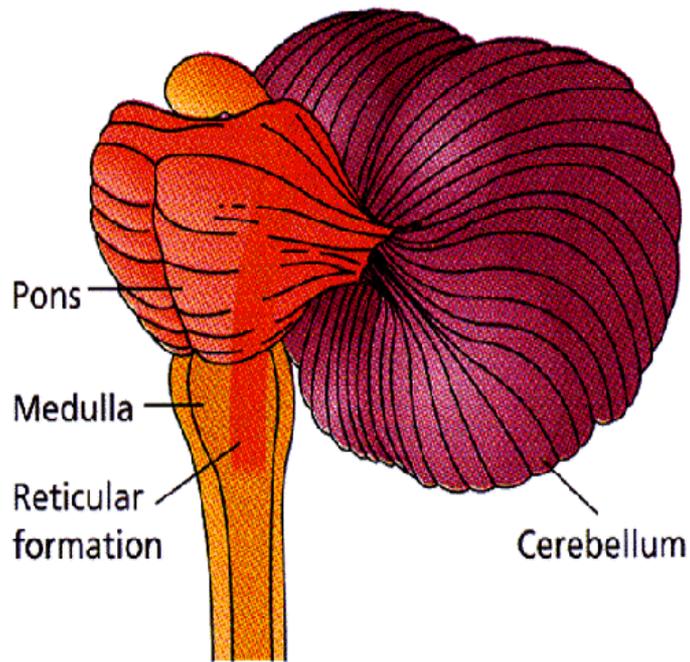
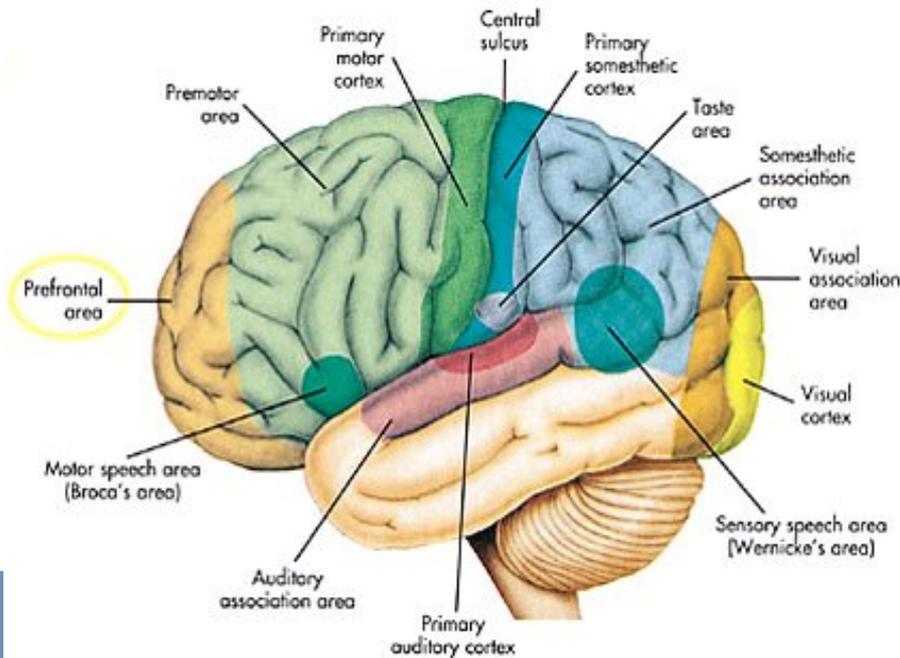
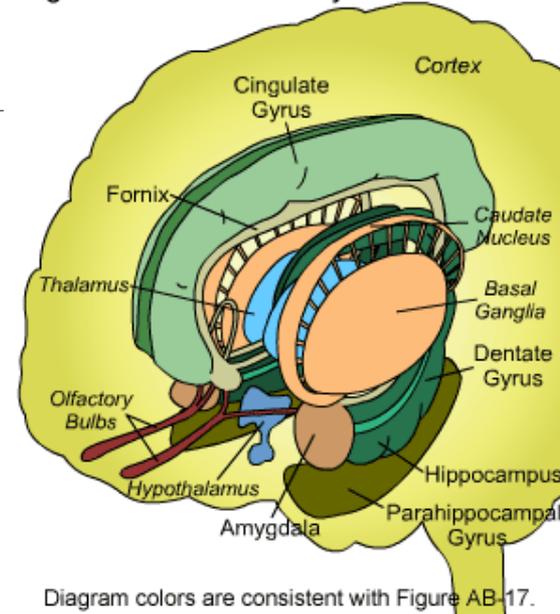


Figure AB-16: Limbic System



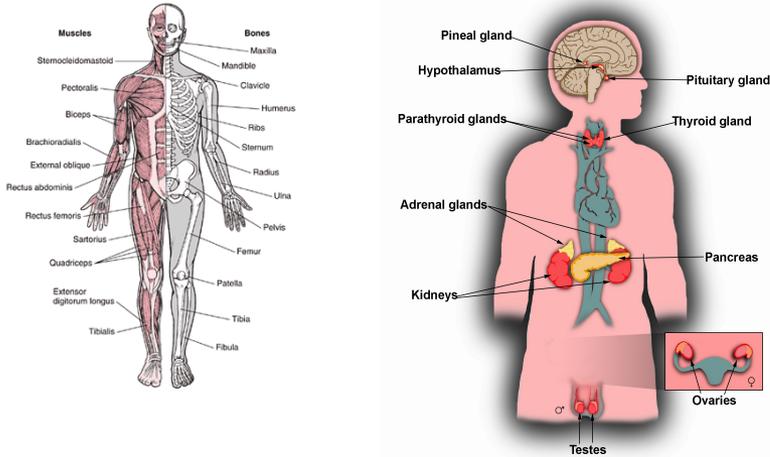
# The 3 components of the Triune Brain

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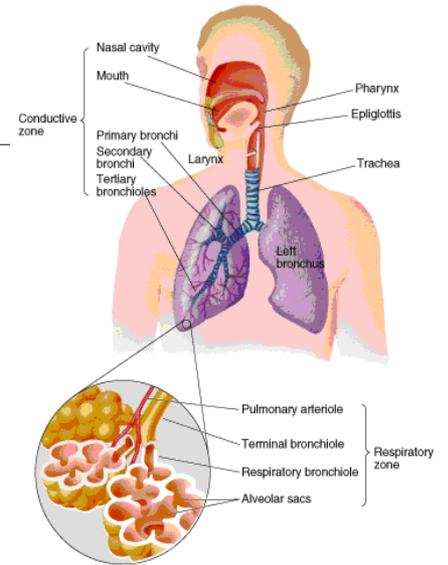
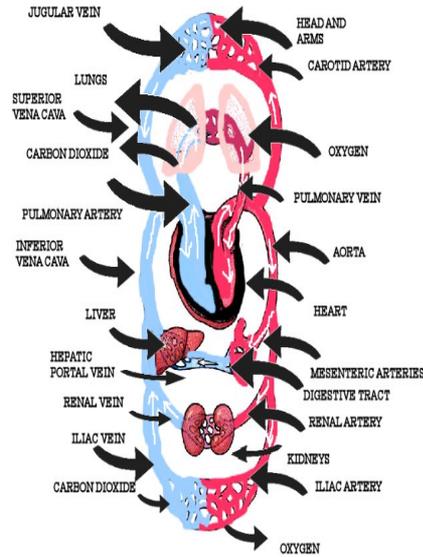
At the same time, the  
various **ORGAN**  
systems are developing  
and maturing.

# Organ

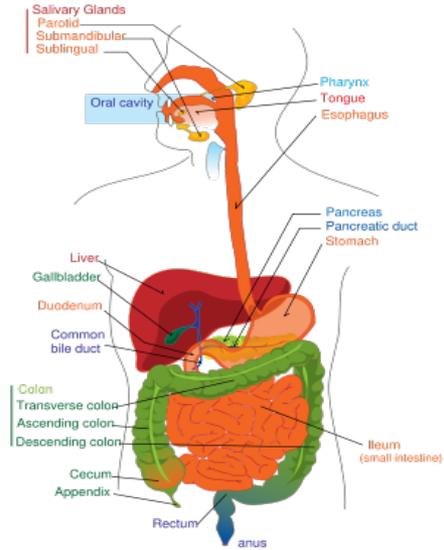
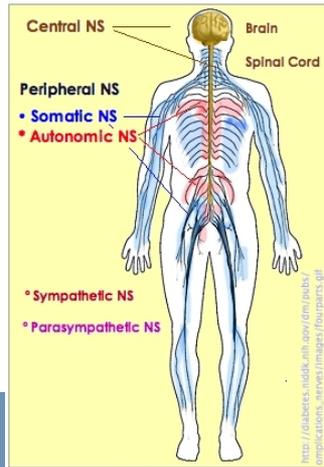
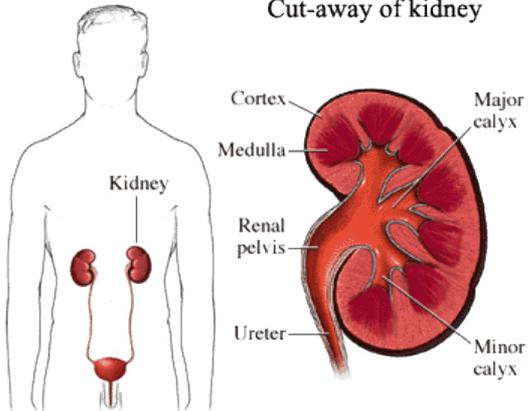
## The Endocrine System



## THE CIRCULATORY SYSTEM



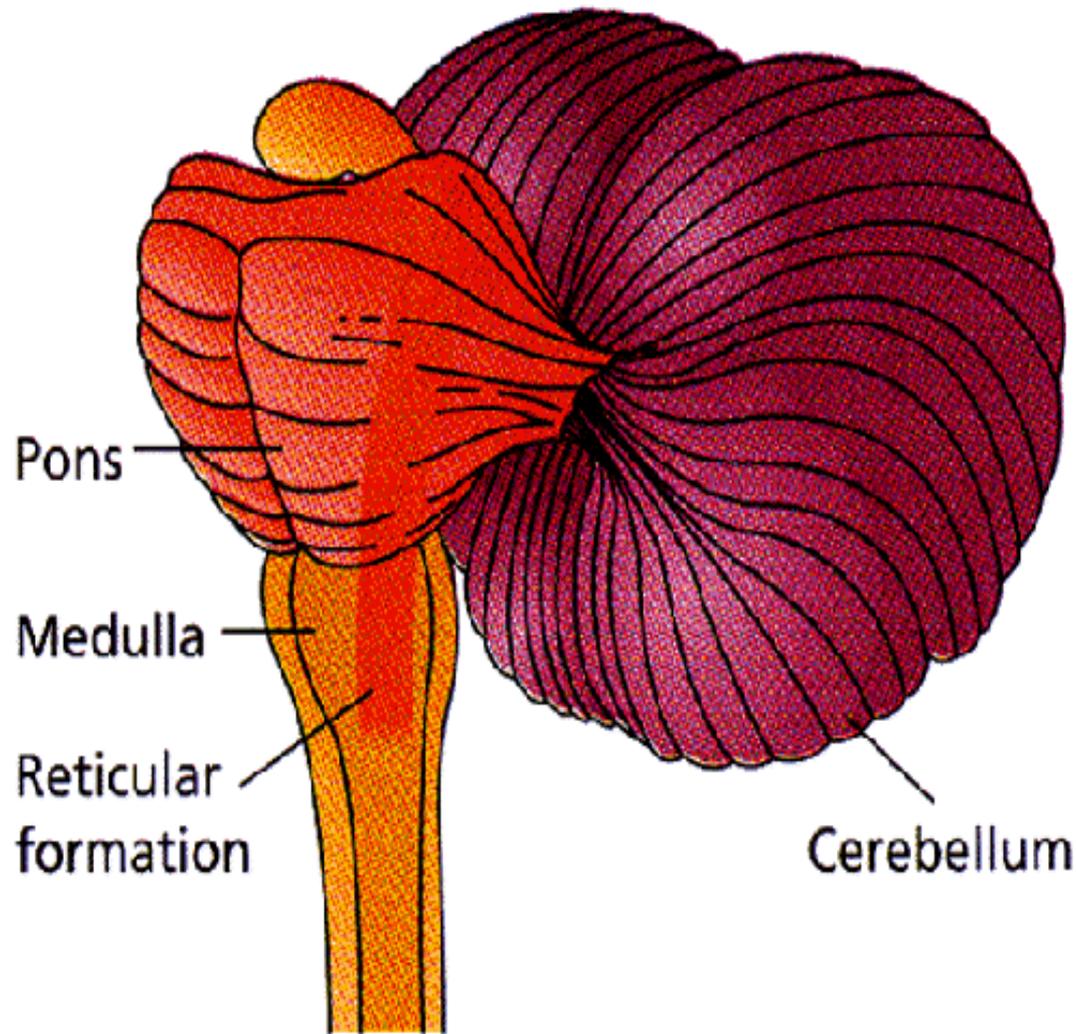
## Cut-away of kidney



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First area of the  
**Triune BRAIN** to  
develop and  
mature.

# Brain Stem



# THE DEVELOPMENT OF THE BRAIN

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## Bulbous-Reptilian (primitive brain, 1<sup>st</sup> 30,000 yrs)

Reptiles have been present for over 230 million years

When an alligator lays its eggs, if the environment temperature is lower than 84°F, all the hatchlings will be female.

If above 90°F, all the hatchlings will be male.

This is a suggested theory why the dinosaurs died off as the ice age produced mostly females in the species.

Conception - 18 months - REPTILIAN BRAIN, 1<sup>ST</sup> BRAIN  
BULBOUS BRAIN - Hierarchy and order

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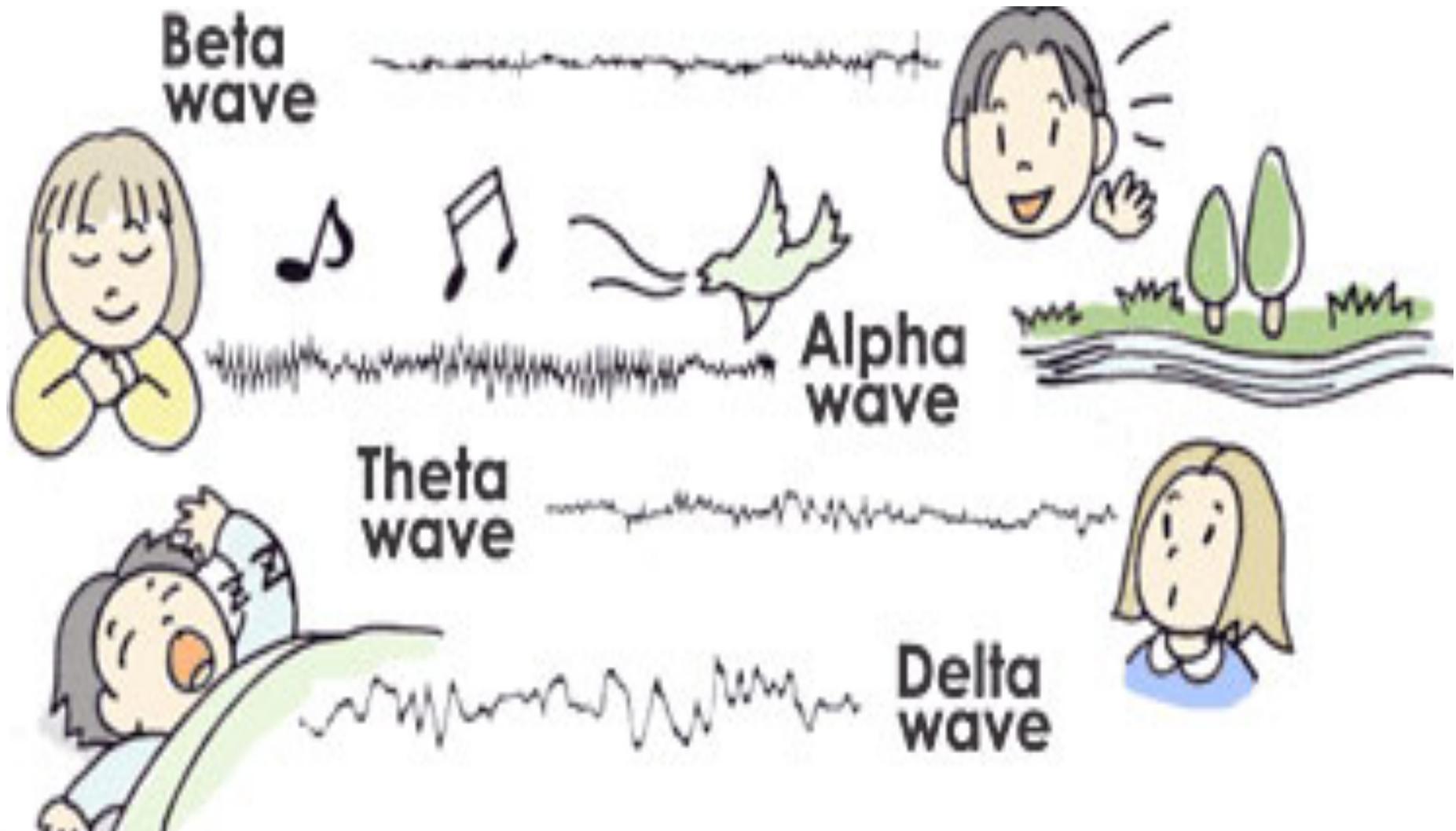
- The reptilian brain is the first brain to develop based on 30,000+ years. (Goes back 300,000 years). This was the brain of survival, of defense, of security and territory.
- This brain defines the territory. It is the brain of the *hierarchy* and the order. It is what establishes place.  
“The struggle of life and survival.”

Conception - 18 months - REPTILIAN BRAIN, 1<sup>ST</sup> BRAIN  
BULBOUS BRAIN - Hierarchy and order

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- It is the brain of a child until 18 months of age.  
It is the time of rhythm - associated with timetables, eating, sleeping, going to the bathroom, etc.  
All focus is on survival, like our ancestors in this era, screaming when hungry, with a governing of respiration and the emotion of frustration (an underdevelopment of the ability to articulate what is bothering them).

# Brain Wave Activity



# Brain Wave Activity

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Human biology is dependent upon learned perceptions and evolution has provided a mechanism that encourages rapid learning.

Brain activity can be measured using EEG.

There are four fundamental states of awareness and the time that an individual spends in each of these EEG states is related to a sequential expression during child development.

# Brain Wave Activity

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- **DELTA** waves (0.5-4 Hz), the lowest level of activity, are primarily expressed between birth and two years of age in infants and deep sleep in adults. When in DELTA, they are in an unconscious (sleep-like) state. Delta waves trigger the release of growth hormone.

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First Endocrine  
Gland to develop  
and mature.

# ADRENAL glands

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From 3 weeks to 18 months

It is the gland of the **decreased sensitivity**, the individual is protected at the level of their sensitive emotional state.

The gland of **vigor** - will need that strength, force of life, to survive.

It is the gland that allows us to manage **impulses** - the **rhythms** of breathing, respiratory, circulatory, cerebrospinal rhythms; rhythms for sleep, eating, etc. which should be regular.

The highest level of cortisol (for body mass) is 1 yo

# Number 1 Treatment for the Adrenal glands is?

R O U T I N E BY WILL DINSKI



WAKE UP.  
SHOWER.



DRESS.  
EAT.



ACKNOWLEDGE  
WIFE.



ACKNOWLEDGE  
BOSS.



AND  
SIT.



AND  
SIT.



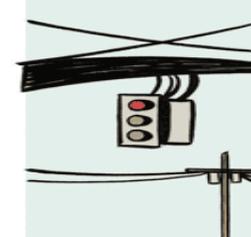
STAND MY  
GROUND.



GO  
HOME.



I've got  
it down so  
well now,  
I'm goddamn  
sick of  
myself.



**ROUTINE**

# THE DEVELOPMENT OF THE BRAIN

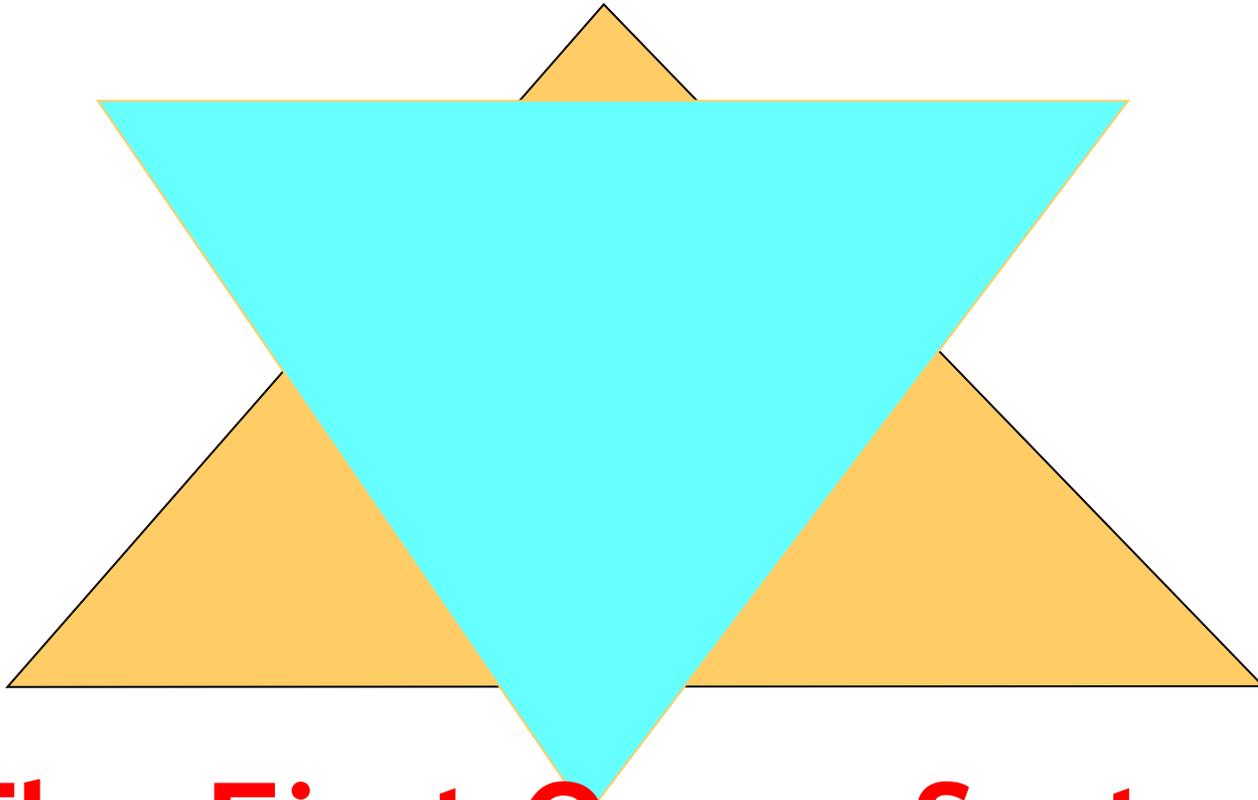
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During each stage the sensory organs develop. Initially the child does not know that she exists.

While the nervous system myelinizes progressively, gradually, little by little, the visceral sensitivity gradually imprints itself on the brain, as we gradually take control of our bodies.

# ALL Systems are Inter - Related

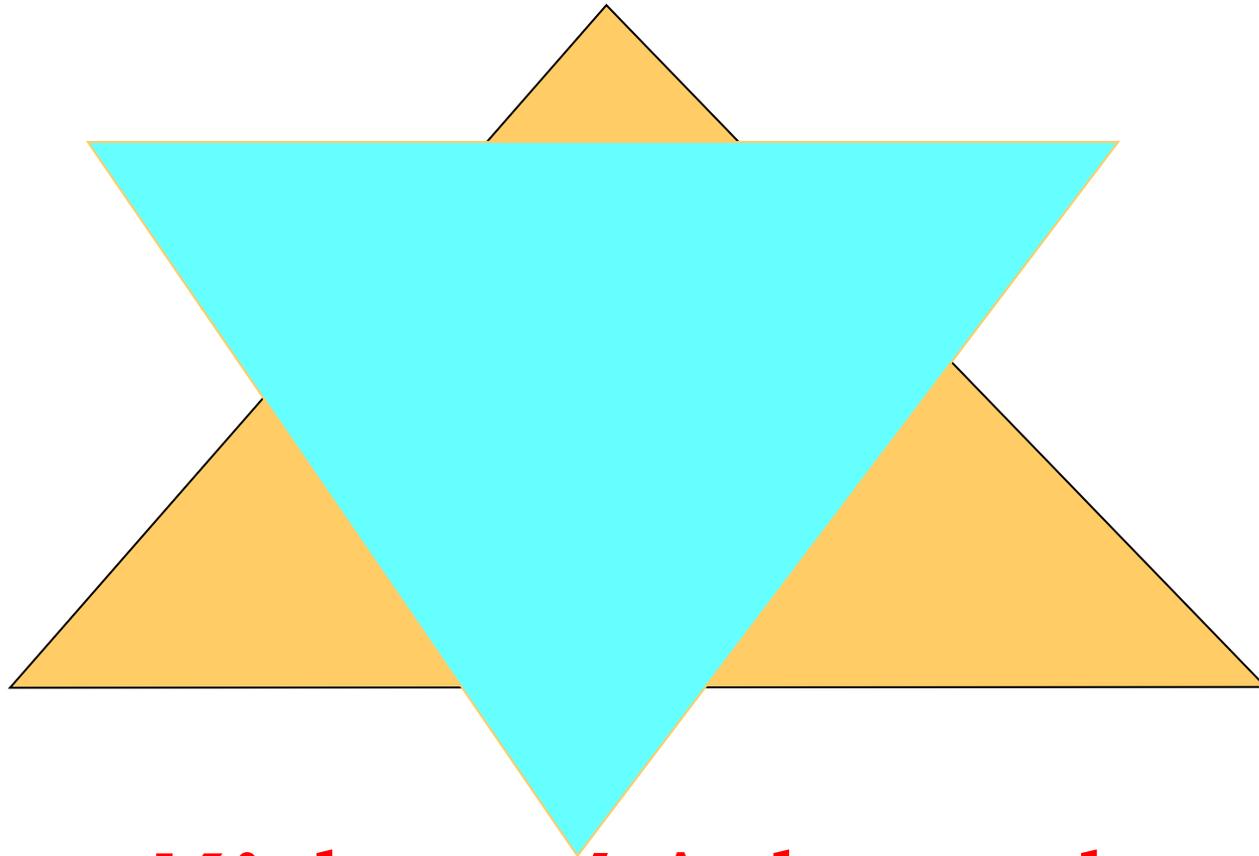
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**The First Organ System  
to reach Energetic Maturity?**

# ALL Systems are Inter - Related

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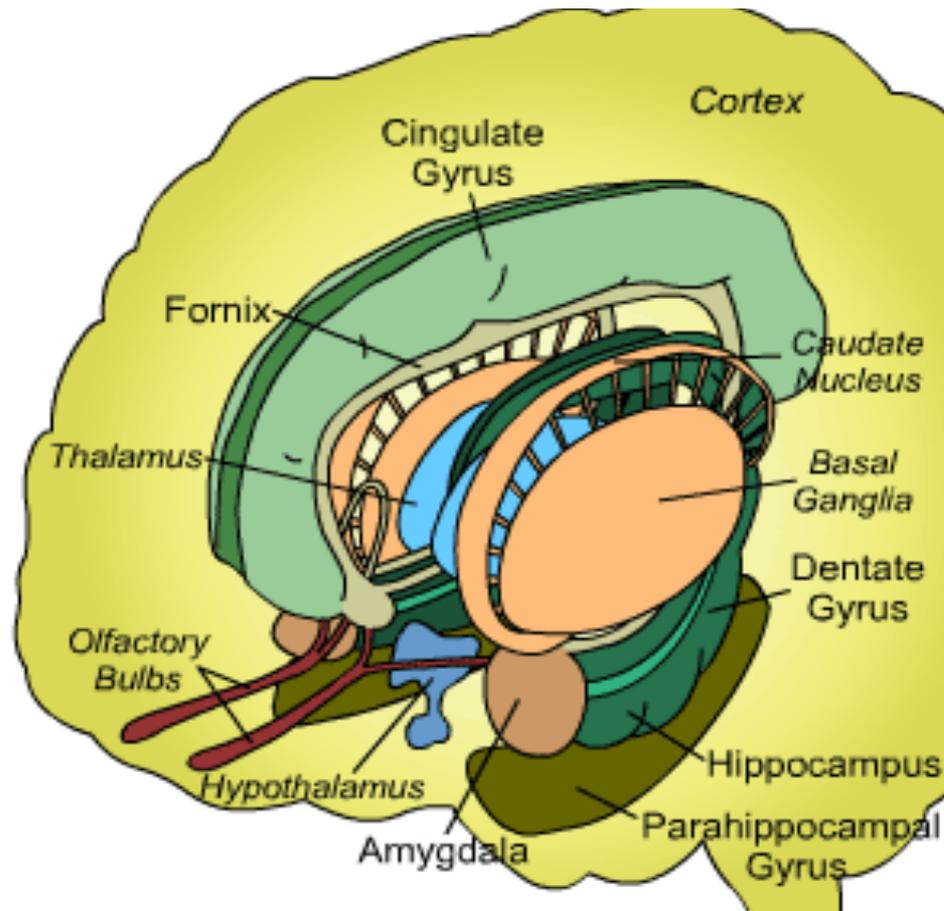


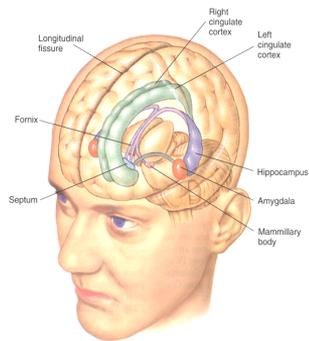
**Kidney/ Adrenal**  
**Conception - 18 months**

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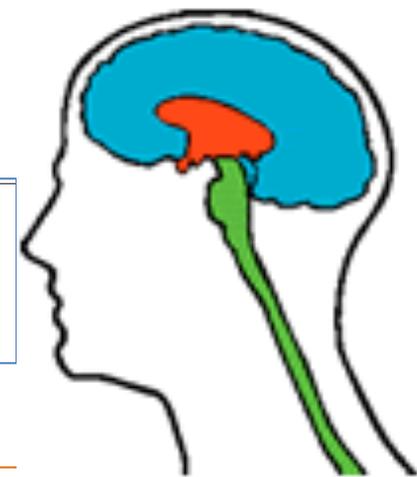
Second area of the  
**BRAIN** to develop  
and mature.

# Limbic Brain





# Triune Brain



## Paleomammalian brain (limbic system)

- The hippocampus, amygdala, fornix, mammillary bodies, parahippocampal and cingulate gyrus
- Controls instinctual behavior: feeding, fleeing, fighting, sexual behavior
- The seat of emotion, attention, and the production of new memories

## THE DEVELOPMENT OF THE BRAIN

### Paleo-Mammalian: mammalian brain

---

More recently man developed the second, **paleo-mammalian brain**. Often reptiles eat their young, their eggs; with the appearance of mammals there was contact between mother and offspring, and the growth of the “emotional” brain  
→ emotions, instinct, family, what is most important, like and dislike

The limbic/“sensible” part of brain is the second part of the brain to mature in the nervous system.

The Limbic System corresponds to mammals having mammary glands to feed their young (with caring and emotions).

Thus the notion of emotions, feelings.

# Brain Wave Activity

---

Between two years and six years of age, the child begins to spend more time in a higher level of EEG activity characterized as **THETA** (4-8 Hz).

THETA activity is the state we experience upon just arising, when we are half asleep and half awake.

Children are in this very imaginative state when they play.

---

Second **ENDOCRINE**  
**GLAND** to develop  
and mature.

# THYROID

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Gland of **sensitivity**

Gland of **repetition**, immunity is developed and fevers have to be repeated to develop immunity. It is the gland of walking, of steps, balance of two legs – repetition.

Gland of **simplicity**, they like simplicity and repetition; the same story every night, the same video-cassette.

Gland of **pleasure** (not sexual); the child only acts based on attraction.

**Individuality** is learned through the thyroid. Up to age of 7 he is under the mother's wing

18 months - 7 years MAMMALIAN - 2<sup>ND</sup> BRAIN:  
LIMBIC - Sensitivity

---

The **thyroid** is what allows this part of the brain to mature, peaking at ~ age 4. The parathyroid allows the calcification for the development of bones.

Thyroid hormones flood the organism during this time in the development of the organism, where  $T_3$  is the highest at ~ age 4 -5.

It is the opposite gland from the adrenal, (governs vigor and insensitivity), the thyroid governs great sensitivity, learning, repetition, pleasure.

Children love to get dressed up. *It is the gland of imagination, the gland of dreaming: It is the image that we create through the center of the brain.* Thus it is important to let our children's imaginations develop - for the proper development of the thyroid gland.

18 months - 7 years MAMMALIAN - 2<sup>ND</sup> BRAIN:  
LIMBIC - Sensitivity

---

Modern society is destroying imagination in children. Everything that a child sees at that age, they see as real. Comic books, TV, cartoons, videos, computers, inhibits them from creating their own image from nature. The child sees the rape, murders, etc. and sees these things as true. The creation of false images in cartoons, etc. impacts the subconscious brains of the children. This happens under the influence of the thyroid and the limbic system.

## Intuition

*The intuitive side needs to be developed in children between the ages of 4 and 7 - so they need to dream, not stifle their creative thoughts. They need to speak of natural things: of nature, animals, etc. Give them crayons and a piece of paper.*

18 months - 7 years MAMMALIAN - 2<sup>ND</sup> BRAIN:  
LIMBIC - Sensitivity

---

With the gland of simplicity governing, child always wants the same story and the child tells it to himself, then after a few months wants another story to be able to integrate other ideas. They want to eat 1 food at a time, to use 1 color at a time, 1 new thing at a time because their ability to integrate and classify is not sorted out well.

## Over stimulation

When they are saturated with pleasures, then don't appreciate things. If a person doesn't evolve past this stage, they'll eventually need more excitement so they turn to drugs, sex, rock and roll. All these kids are at the thyroid stage.

Improper maturation at this stage may often lead to auto-immune issues later in life such as Hashimoto's or Grave's disease

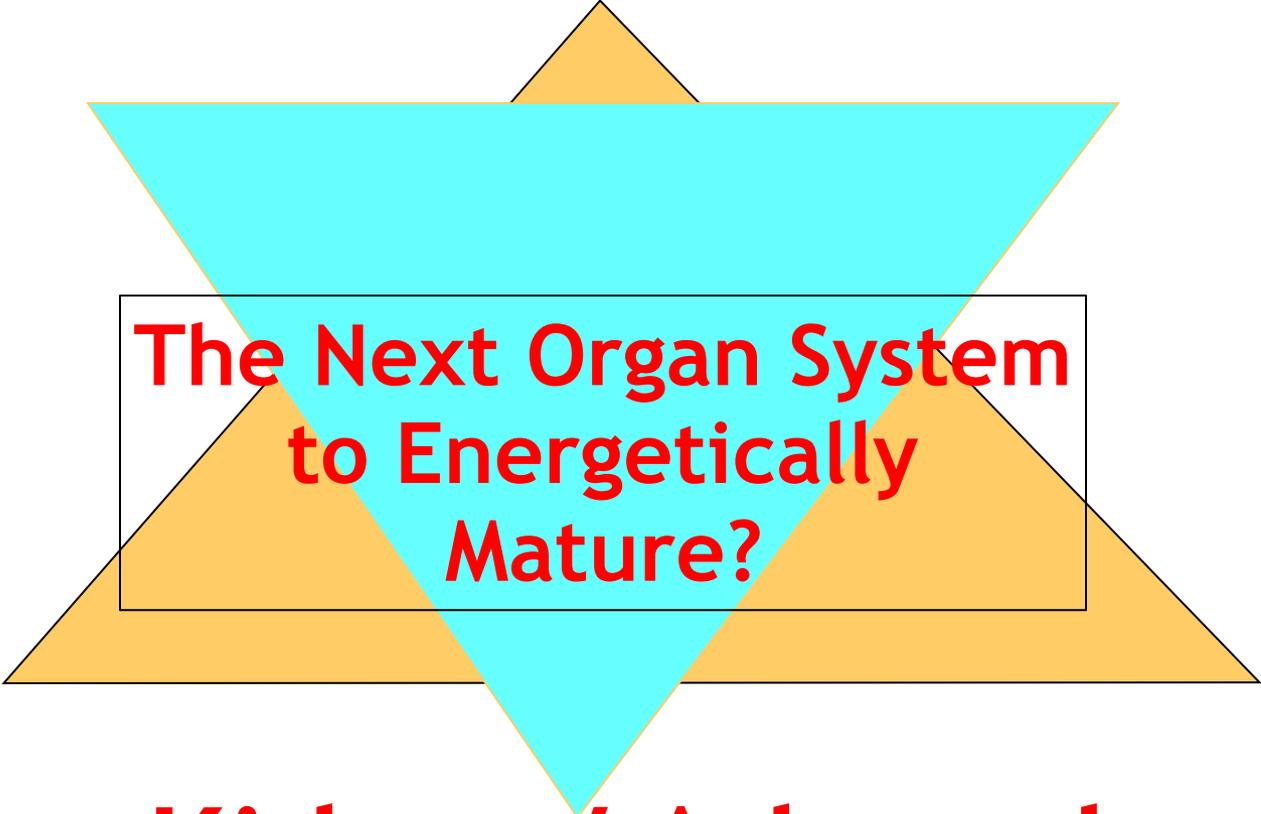
# Throughout the first years

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- Infant/ child probiotics
- Increasing dosage of DHA (cod liver oil - 1 tsp by 12 months of age)
- Castor oil - rub on abd. with each diaper change
- More and more drops of water
- Never give a child juice

# ALL Systems are Inter - Related

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**The Next Organ System  
to Energetically  
Mature?**

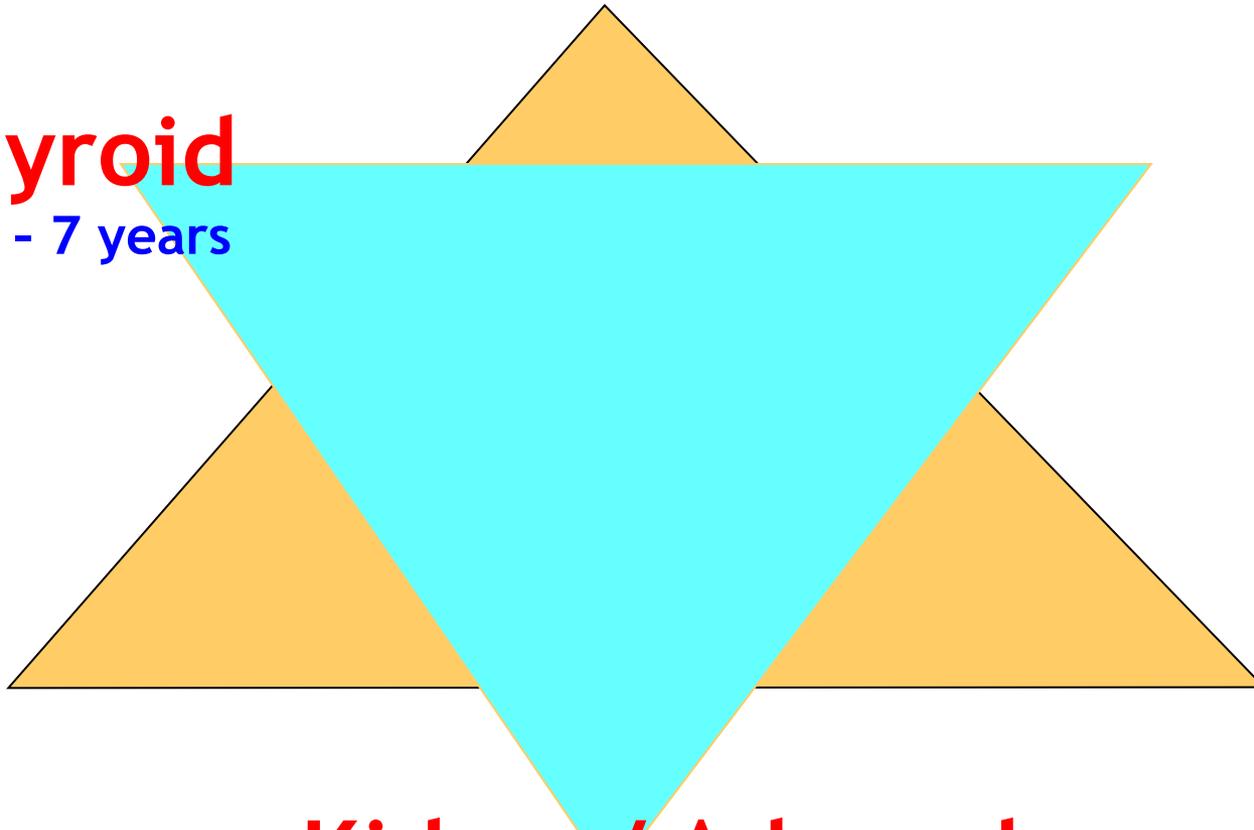
**Kidney/ Adrenal**  
Conception - 18 months

# ALL Systems are Inter - Related

---

**GI/ Thyroid**

18 months - 7 years



**Kidney/ Adrenal**

Conception - 18 months

## GI Organ Energetic Maturation (speculation only)

- Spleen - 4-6 months (taste)
- Stomach - HCl for iron absorption (6-12 months)
- SI - flora, seal the leaky gut (2-3 yr)
- LI - flora (mostly anaerobic) (2-3 yr)
- Pancreas - 28 months (CHO assimilation)
- Liver - age 4 and cells keep regenerating

As each organ matures it is “connected” to the brain; if the individual has a traumatic stress at a particular time, say 3-4 years old, such as the death of a beloved grandmother, and the family is not there to help the child understand this sorrow, the child will have a trauma at the same time the intestine is connecting to the brain.

18 months - 7 years MAMMALIAN - 2<sup>ND</sup> BRAIN:  
LIMBIC - Sensitivity

---

Stress, sadness, sorrow will then cause the person to suffer in the colon, or other related organ. The emotional pain relates to the part of the body expressed as its dysfunctions resulting in functional disease, sometimes appearing much later in life.

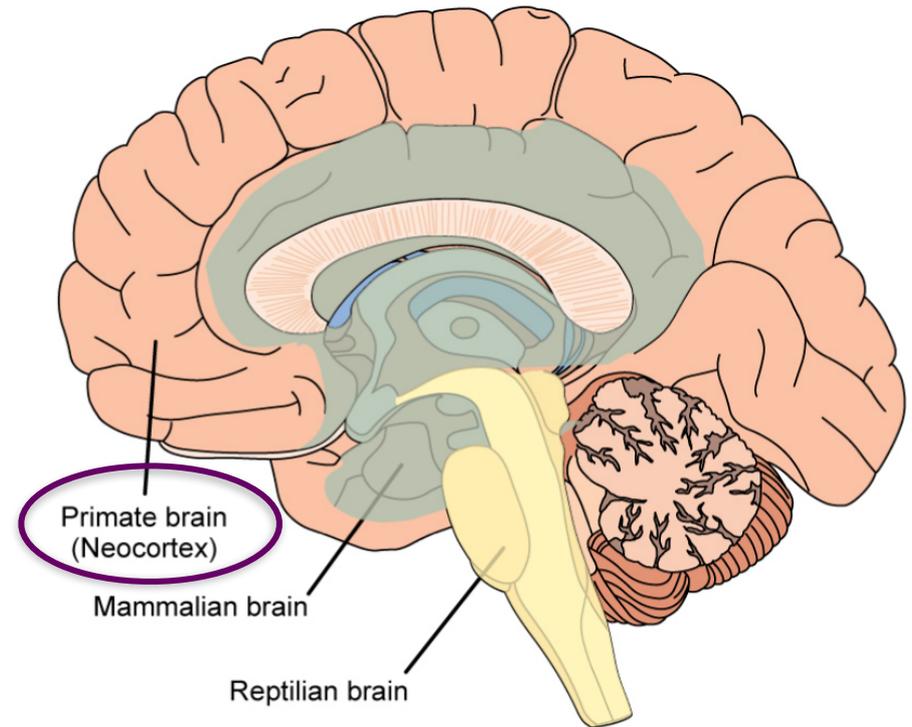
Any psychologically stressful event before the age of 4 should be protected by the appropriate protocols (EFA's, probiotics, B, algae, routine, et cetera).

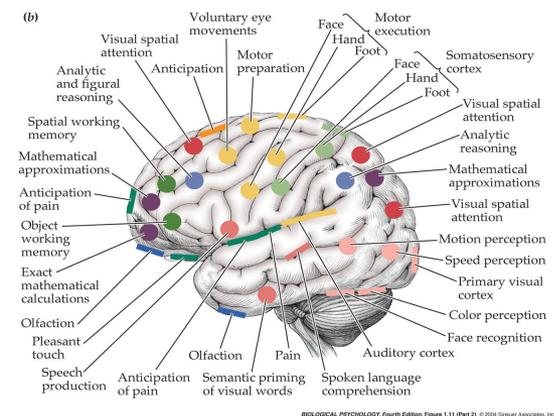
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Third area of the  
**BRAIN** to develop  
and mature.

# The Triune Brain

The **neocortex** or **primate brain** is the most recent addition to our brain. It consists of a wrinkled covering of the cerebral hemisphere which has mushroomed in primates and humans as compared to other mammals.





## Triune Brain



## Neopallium brain (neocortex)

- The cortex
- Responsible for higher cognition: language, abstract thought, working memory, planning

From 7 - 13 years we grow the enormous **cerebral hemispheres**. It is the logical, analytical (left cortex) development.

The cortex is what allows us the ability to survive in a territory. It is an integration of the three, so we can do practical things, without forgetting what other people have given us, how we love others.

Sitting in front of a computer makes the cortex develop more quickly, skipping the thyroid stage. Thus the children are very intelligent too early, but they have no faith, no respect. It doesn't teach them to respect anything and they thus throw aside emotions/ feelings.

## 7 YEARS UNTIL PUBERTY AT 12-14 YEARS CORTICAL BRAIN - 3<sup>RD</sup> BRAIN: THE CORTEX

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At age 7 the influence of mother decreases & influence of father increases (represents the exterior, the outside or others). Now child backs off feelings because (s)he doesn't want to be controlled by them and they learn relationship with others.

- Social
- Sorting
- More reasoning, complexity; intellectual notions
- Read, tell time, write, mathematics
- Second dentition
- Can't count or be open to math until this time (can try to please the parents but only with second teeth, is this awareness developed)

# Brain Wave Activity

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A child begins to preferentially express a still higher level of EEG activity called **ALPHA** (8-12 HZ) waves, associated with states of calm consciousness, around the age of six. The child is essentially in a hypnotic "trance" through these years of its life. During this time it is "down-loading" biology-controlling perceptions without the benefit, or interference, of conscious discrimination.

The potential of a child is "programmed" into its subconscious mind during this phase of development.

# Brain Wave Activity

---

Learned perceptions are "hard-wired" as synaptic pathways in the subconscious, which essentially represents what we recognize as the brain. Consciousness, which functionally expresses itself with the appearance of **ALPHA** waves at around six years of life, is associated with the most recent addition to the brain, the prefrontal cortex. Human consciousness is characterized by an awareness of "self."

Next  
**ENDOCRINE**  
**GLAND** to develop  
and mature.

# PITUITARY

---

Age of 7 is the stage when the pituitary gland continues development towards maturity and the child starts to **reason** (cerebrum).

Gland of **symbols**, arithmetic, math. School has an important function.

The face starts to change. They start to **socialize** because they have an identity; now can go to school and meet others.

They **understand** that others have their own individuality too, discovering the non-self.

# PITUITARY

---

The immune system discriminates self and non-self, and the child can individualize in relation to others too. Now is when historically the father's role is more prominent, in the paternal or fatherly structure.

The pituitary is the '**sorting**' gland. Now the child can distinguish among many choices.

**Analysis**; discovering social life and others.

At 6-7 years, permanent teeth start to erupt

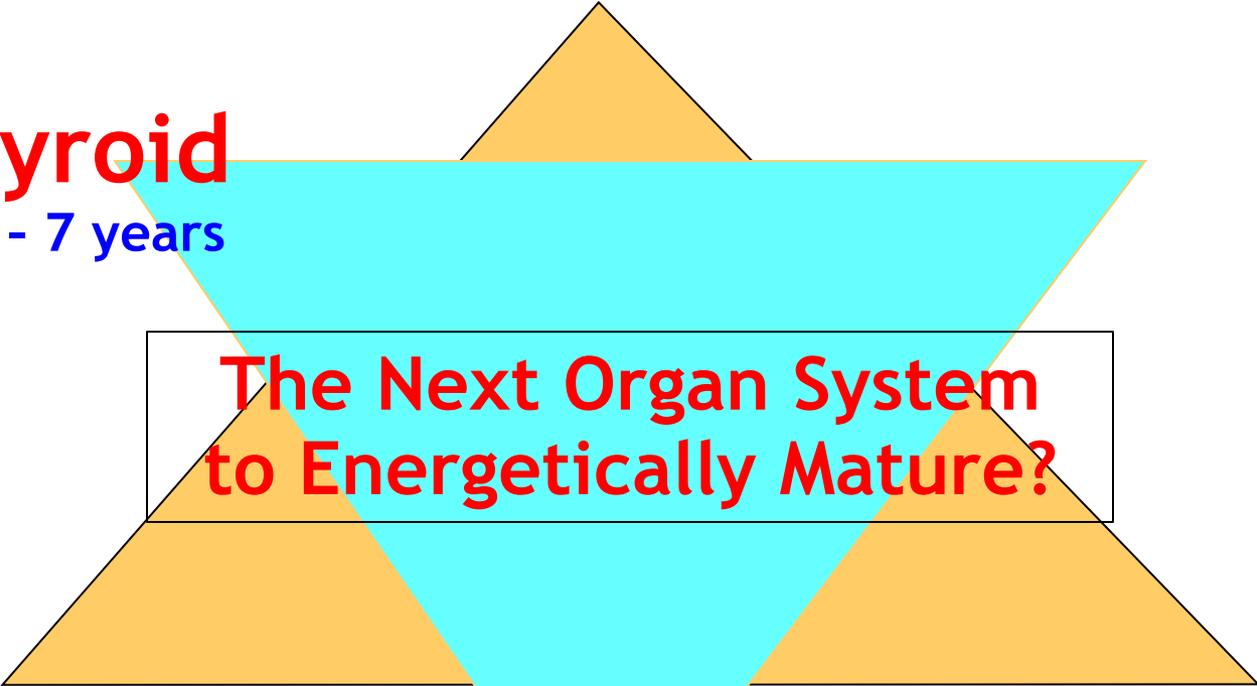


# ALL Systems are Inter - Related

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**GI/ Thyroid**

18 months - 7 years



**The Next Organ System  
to Energetically Mature?**

**Kidney/ Adrenal**

Conception - 18 months

# ALL Systems are Inter - Related

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**GI/ Thyroid**

18 months - 7 years

**Respirator  
y**

7 years - puberty

**Kidney/ Adrenal**

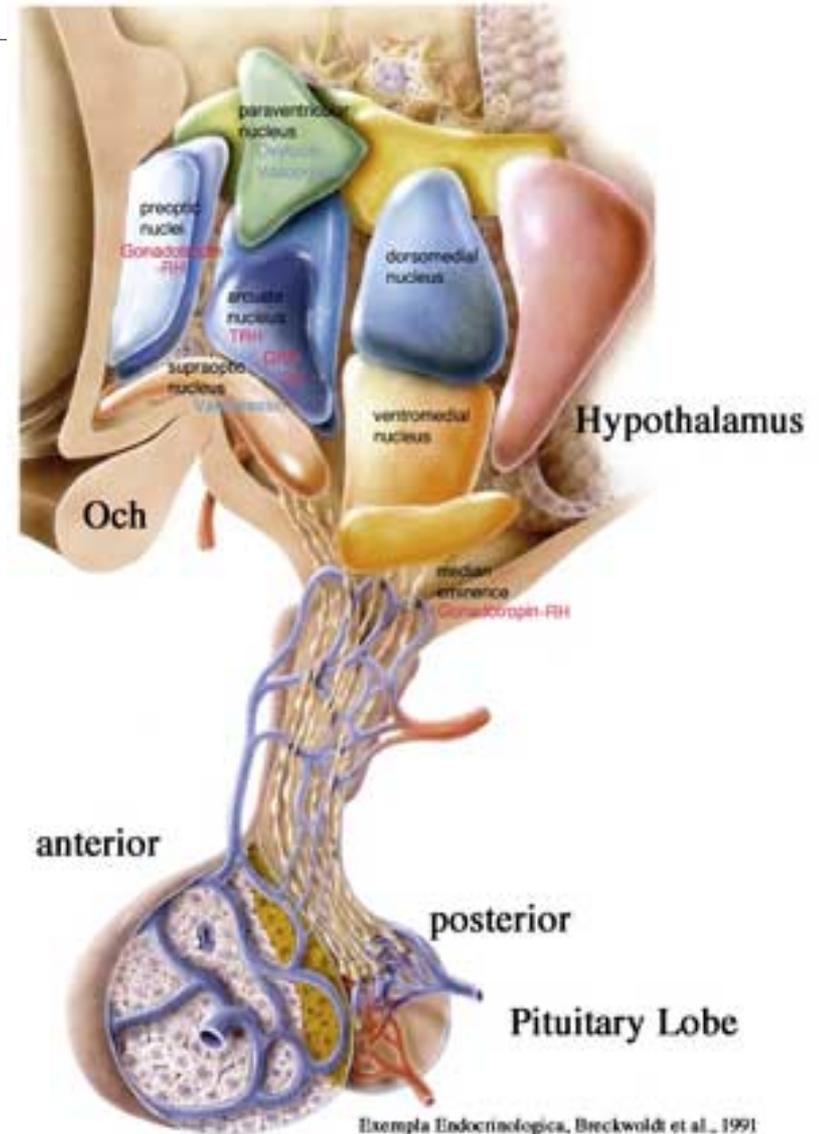
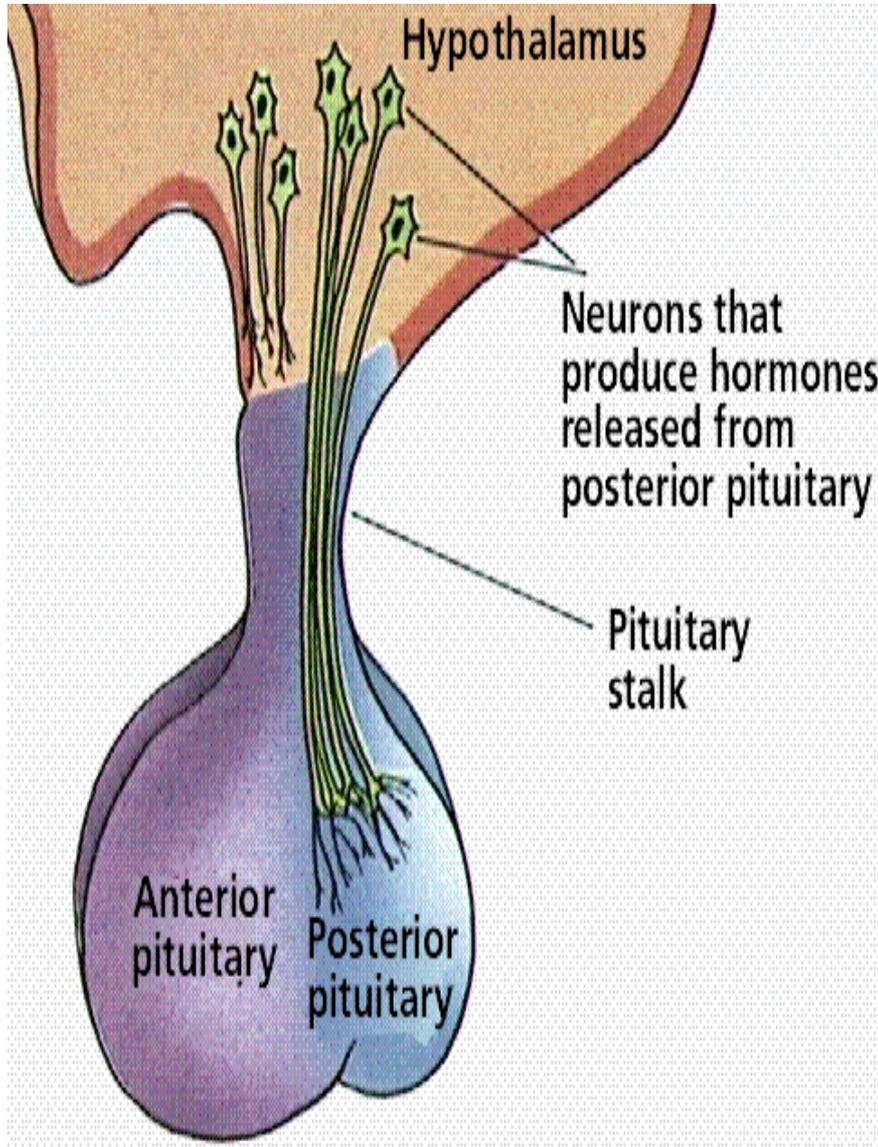
Conception - 18 months

The lungs (**Pulminum**) are the master of skin, endo- and epithelium, the guardian of the barriers.

At the age of 7 the child must be socialized and requires good barriers for protection. The relationship between the outside and inside, and the discriminate or critical sorting of the impressions from outside.

Another  
important area  
of the **BRAIN**

# Hypothalamus



## Brain Wave Activity

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- At around 12 years, the child's EEG spectrum may express sustained periods of **BETA** (12-35 HZ) waves, the highest level of brain activity characterized as "active or focused consciousness"

# ALL Systems are Inter - Related

---

**GI/ Thyroid**

18 months - 7 years

**Respirator**

**y**

7 years - puberty

**The Next Organ System  
to Energetically  
Mature?**

**Kidney/ Adrenal**

Conception - 18 months

# ALL Systems are Inter - Related

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**GI/ Thyroid**

18 months - 7 years

**Respirator**

**y**

7 years - puberty

**Endocrine**

~ 11 - 14 years

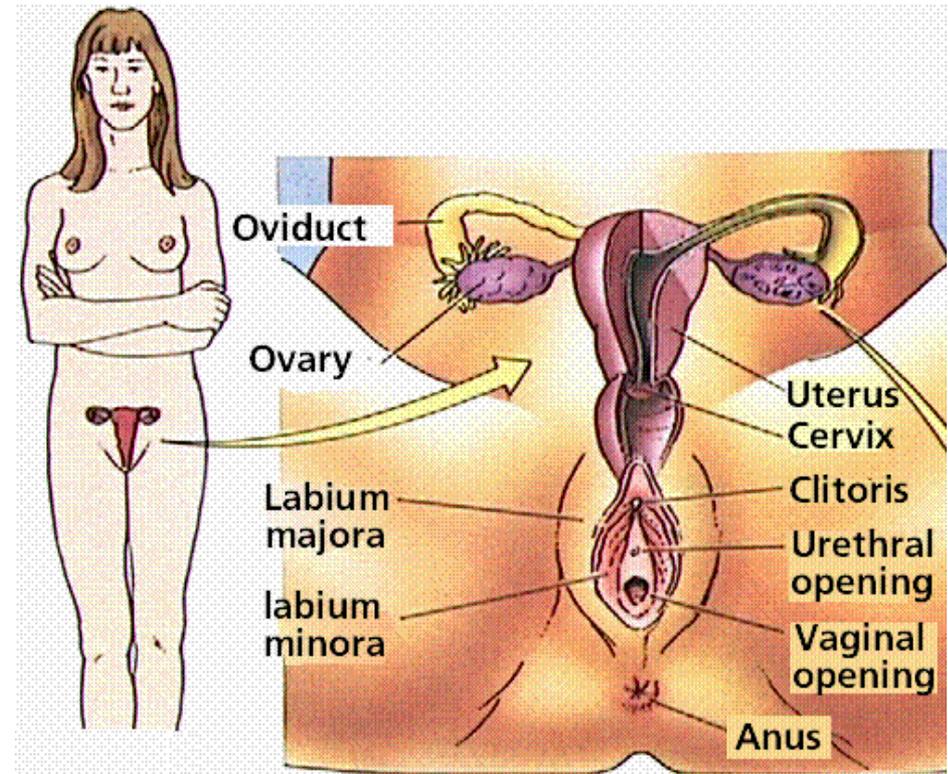
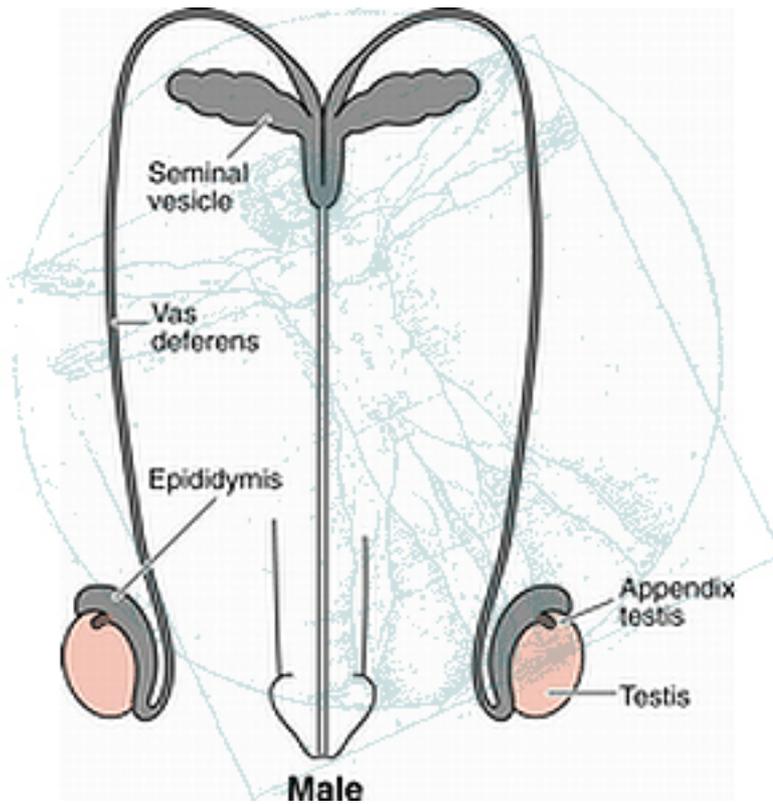
**Kidney/ Adrenal**

Conception - 18 months

The hypophysis, the **pituitary** gland, is the gland of sorting, of complexity. It sorts information. It is the gland of symbols, mathematics, arithmetic, and science.

It reaches its' maturity when the organism is ready and able to achieve pro-creation.

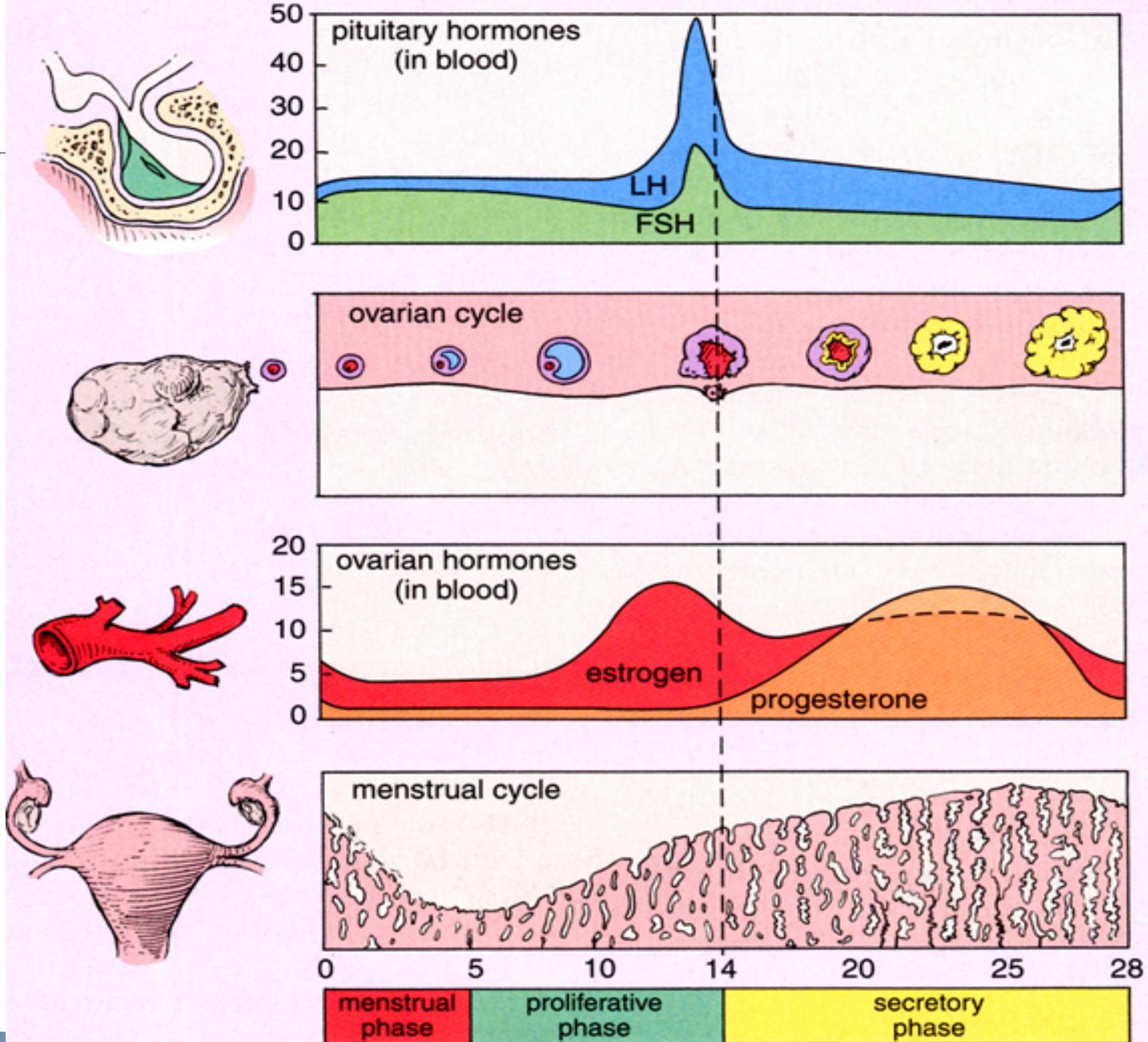
# Gonads



**PUBERTY AT 12-14 YEARS**  
Hypothalamus, Pituitary, Gonads

---

At puberty the 4<sup>th</sup> gland to develop are the gonads. The sexual organs come into play as **orchitinum** and **ovarinum** are essential for proper development towards maturity and hormonal balance. The liver will also aid this process.



**Number 1  
treatment for  
the Menstrual  
Cycle is?**



**Sleep in TOTAL  
darkness**

**Except**



***Except:***

- **Day Before**
- **Day of**
- **Day After**

**FULL  
MOON**

# ALL Systems are Inter - Related

---

**GI/ Thyroid**

18 months - 7 years

**Respirator**

**y**  
7 years - puberty

**The Next Organ System  
to Energetically  
Mature?**

**Kidney/ Adrenal**

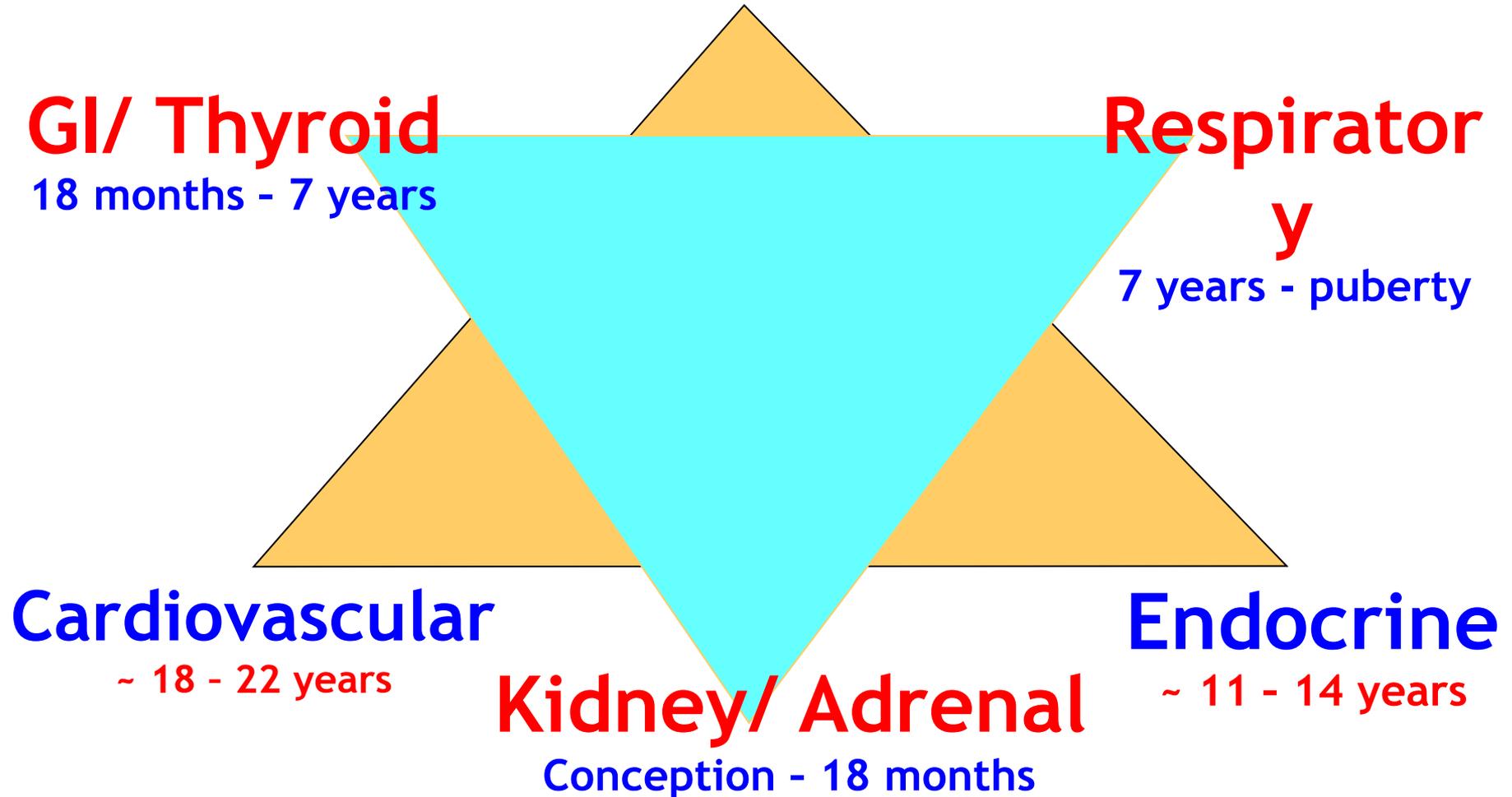
Conception - 18 months

**Endocrine**

~ 11 - 14 years

# ALL Systems are Inter - Related

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This is often a time when there is lots of turmoil/ emotional challenges.

One has to tackle life on their own and look at real life problems for the first time

At the end of the teen years, it is time to leave the nest. One often leaves home, starts college or a job and is allowed to spread their “wings”.

This can be a difficult time for some, a time of experimentation for others

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A time for some of their first “broken” heart by a love outside of their family.

A time of further expansion of the cortex as they are challenged to be on their own in college, requiring different discipline and study habits or in the work force with different responsibilities.

# ALL Systems are Inter - Related

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**GI/ Thyroid**

18 months - 7 years

**Respirator  
y**

7 years - puberty

**The Next Organ System  
to Energetically  
Mature?**

**Cardiovascular**

~ 18 - 22 years

**Endocrine**

~ 11 - 14 years

**Kidney/ Adrenal**

Conception - 18 months

# ALL Systems are Inter - Related

## Central Nervous System

~ 22 - 28 years

**GI/ Thyroid**

18 months - 7 years

**Respirator  
y**

7 years - puberty

**Cardiovascular**

~ 18 - 22 years

**Endocrine**

~ 11 - 14 years

**Kidney/ Adrenal**

Conception - 18 months

The CNS continues towards maturation as mylenization is completed of the **cortical** neurons.

The highest centers of the brain reach maturity, including the intuitive center, the **cerebellum**, (the former center of the brain in our ancestors 10's of thousands of years ago.)

This is a time when there is much personal growth.

Adults challenges are very real

One becomes their own person

This is a time where there is an integration of difficult life events/ experiences into a more complete self-image

Next Endocrine  
Gland to develop  
and mature.

CNS – mylenization ages 21—28 years (or ongoing)  
Highest brain centers

---

The pineal gland (**epiphysinum**) is related with the cosmos, the light, the outside while the pituitary is turned toward the inside for endogenous functions. It is during the night that plants manufacture oxygen. During the day our pineal captures the light, and it is analyzed, becomes efficient, when it is put into darkness at night. ‘We have to go into dark to find the light.’

# Pineal

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- In conjunction with the adrenals it effects skin pigmentation, helps with potassium and sodium levels in the body.
- It controls mental stability, and mental and sexual growth.
- Many of the functions of the pineal gland have yet to be understood.
- It is believed by many to be the "seat of the soul" and involved with our spirituality.
- It controls aging, sleep habits and other glands, and controls calcium passing in and out of every cell.

**SO ARE WE FINALLY THERE?**

**Have we achieved full  
maturation?**

**So what happens the rest  
of our life?**

# ALL Systems are Inter - Related

## Central Nervous System

~ 22 - 28 years

**GI/ Thyroid**

18 months - 7 years

**Respirator  
y**

7 years - puberty

Musc- Skeletal

Skin

**Cardiovascular**

~ 18 - 22 years

**Endocrine**

~ 11 - 14 years

**Kidney/ Adrenal**

Conception - 18 months

## Factoids from the Body Worlds 3 Exhibit

- Age 4 - all brain cells are present
- Age 10- alveoli complete development
- Age 25 -vertebral column has developed
- Ears and nose never end development
- Cerebral cortex spread out is ~ 16 sq. feet
- Lungs are ~ 850-1300 sq. feet
- GI from mouth to anus is 30 feet
- A 10 foot section of SI is ~1300 - 1600 sq. feet

# Maturation Ages of the Organs/ Glands

---

Utero - 3 weeks	under direct influence of Mom
~3 weeks	start development of adrenal
~6 - 8 months	spleen starts to sense taste, stomach produces HCl
~12 months	adrenal at max production of cortisol (for body size)
2 year - 6 years	intestine, pancreas, liver reach maturity
3 - 5 years	thyroid reaches max T4 production (for body size)
7-10 years	specific/ non-specific immunity finalized
7 - 12 years	BALT system in lungs reach full maturity
~12 - 14 years	puberty (gonadal maturity)
~17 - 20 years	cardiovascular maturity
~21- 28 years	CNS completes mylenization (although from recent research, it seems likely this continues until well in the 40s (maybe older))

**So finally we have it  
all.**

**Or do we?**

# Maturation Ages of the Organs/ Glands

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**50+ years beginning menopause/ andropause - spiritual awakening and new**

# ALL Systems are Inter - Related

## Central Nervous System

~ 22 - 28 years

**GI/ Thyroid**

18 months - 7 years

**Respirator**

**y**

7 years - puberty

**The Final Stage**

**Cardiovascular**

~ 18 - 22 years

**Endocrine**

~ 11 - 14 years

**Kidney/ Adrenal**

Conception - 18 months

# Menopause

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# Andropause

## Menopause/ Andropause Spiritual awakening

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Once the age of procreation has passed, the mind turns its' attention to the highest form of awareness - that of spiritual awareness and interest.

A time of self-reflection, a time to explore a deeper purpose, a time to examine the deepest inner reaches of the mind.

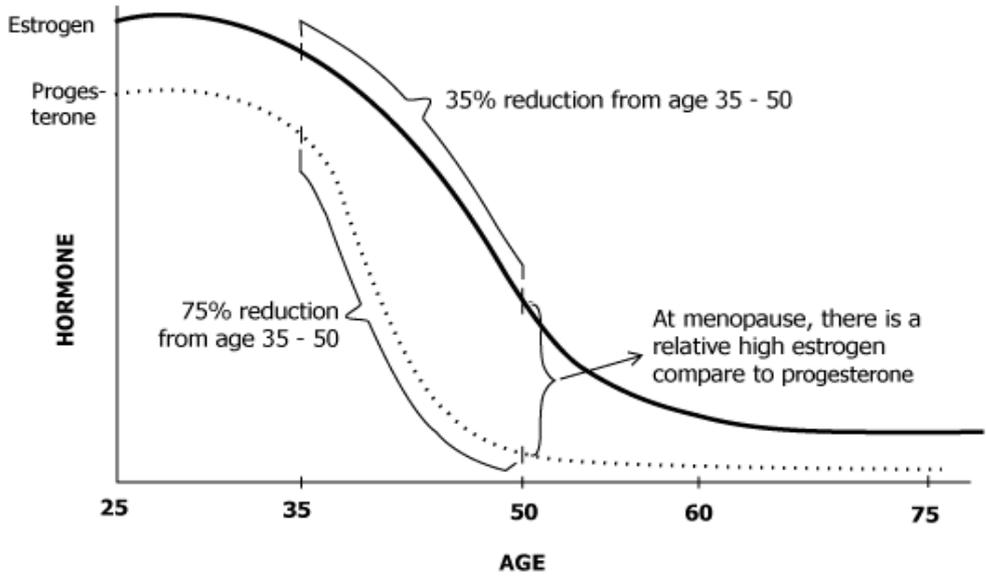
**Menopause/ Andropause**  
**Spiritual awakening**

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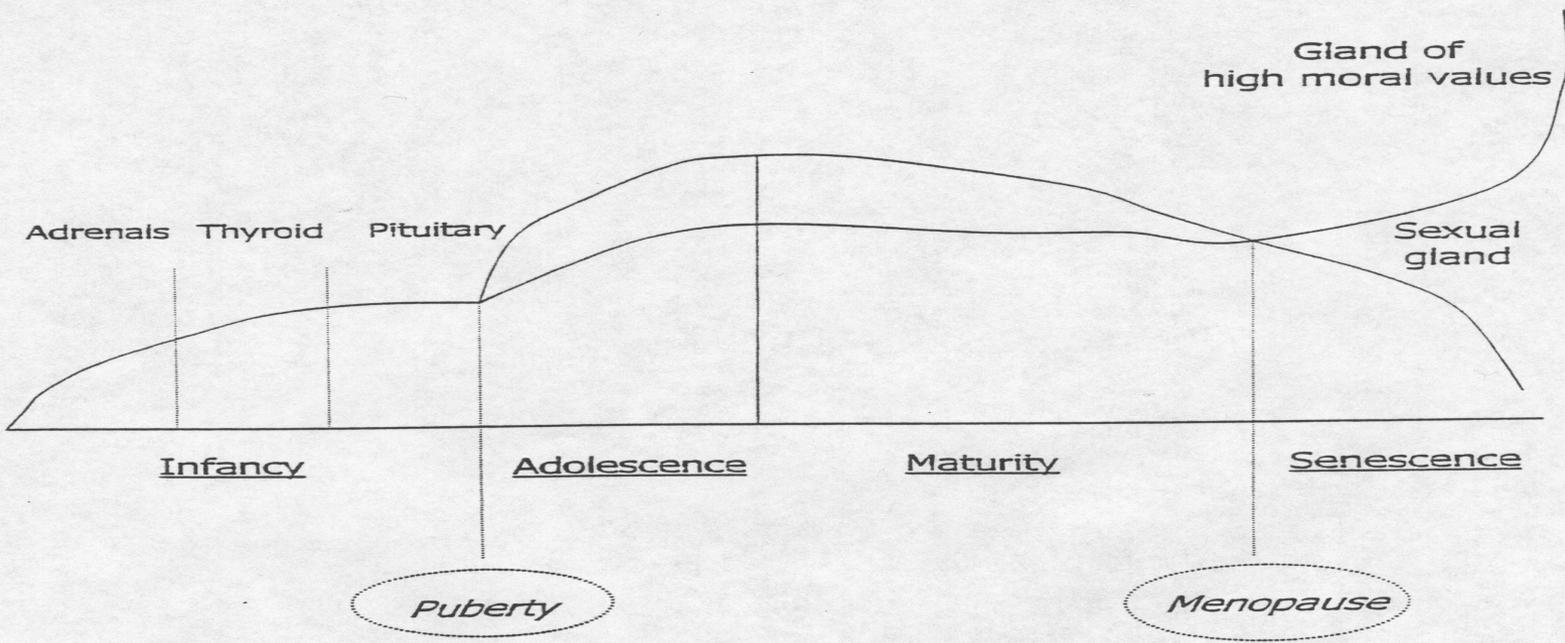
This is the phase of heightened spiritual awareness and the rising up to understand our greater purpose and the true being that we are.

The “circle” is completed with a return to the basics of survival.

Where does this  
heightened  
spiritual awareness  
arise from?



**Complementary and Opposite Functions of the 2 Genital Glands Functions**  
 from Dr. Gerard Guéniot



So how do we use  
this information in  
patient care of  
chronic disease?

# How do we help the patient

- Using energetic therapies it is possible and in fact essential when treating any patient with any chronic illness.
- Utilizing the developmental stages, it is possible for a patient to relive past memories and tragedies but have a different outcome, one that will no longer keep following an old pattern, a preconceived notion that simply allows the body to keep repeating unhealthy choices

# Implementation

So there are 7 stages, or developmental levels

1. Kidney/ adrenal
2. GI/ thyroid
3. Respiratory/ pituitary
4. Puberty/ Gonads
5. Cardiovascular
6. CNS
7. Menopause, andropause

## For Each stage

BTG's (Natural Laws) support (breathing, sleep, diet, exercise, hydro, EFA, probiotic, EFA/ DHA etc)

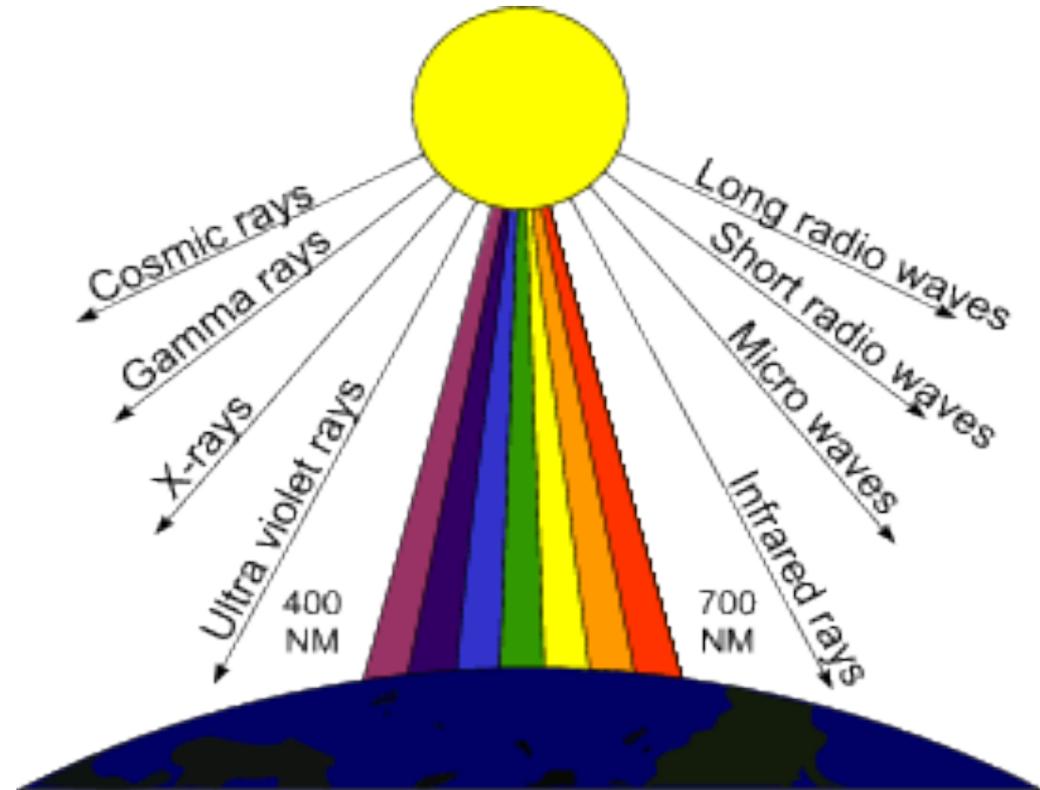
1. homeopathic for the part of brain
2. Hp for the endocrine gland
3. Hp for the organ(s)
4. Tissue salt for the appropriate stage
5. Additional support may include

C  
H  
A  
K  
R  
A  
S



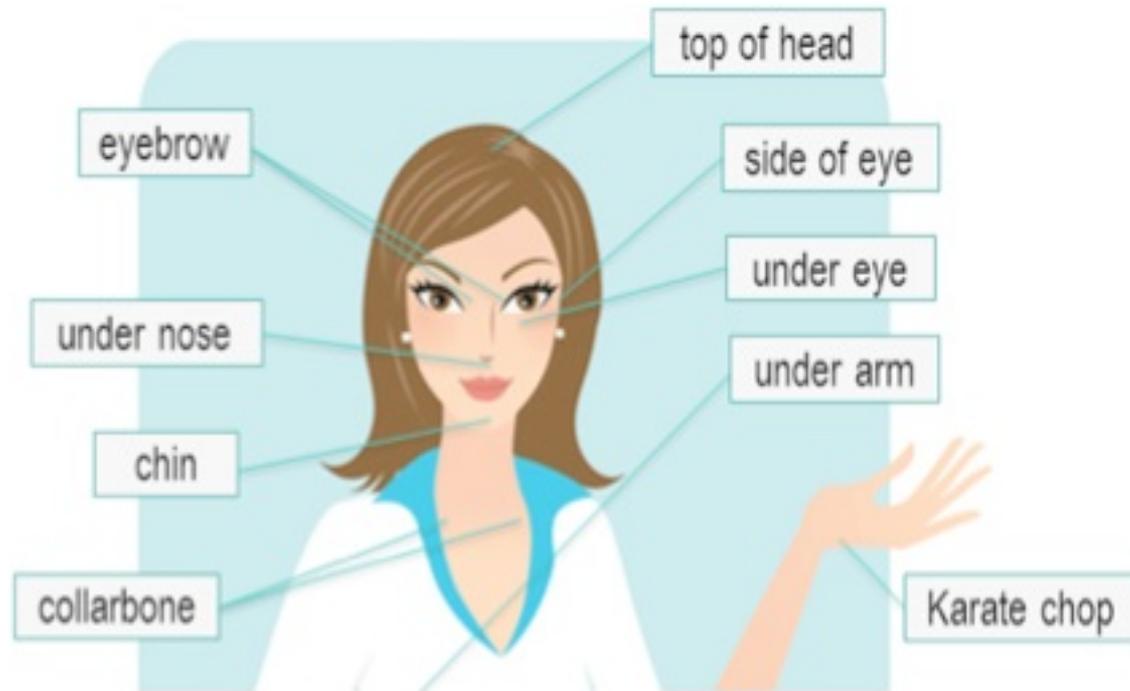


# Music Therapy



# Emotional Freedom Technique

## TAPPING POINTS DIAGRAM



# Summary

1. Continue your present treatment therapies that you have found to be true and proven.
2. The concepts just outlined have the greatest and most lasting results after you have laid the groundwork, supported the terrain and the patient has embraced their part of their health journey.

# Summary

3. It is very helpful to have the patient write their own “autobiography”, separating their life into decades. They should include as much detail as possible of their childhood. If they don’t want to remember or cannot, don’t force them.
4. Any other memories of problems, abuse, death, divorce, moving, teachers, whatever - may help to bring to awareness to their past.
5. Social media has allowed people to connect to their past and uncover events long forgotten.

# Conclusion

I have used these concepts with every variety of condition from cancer to auto-immune disease to Parkinson's, to fibromyalgia to chronic Lyme in hundreds of patients.

They have provided insights that I was never able to achieve using all the other tools I had practiced for many years.

You have the opportunity to create your own specific protocols or follow some of the guidelines I have suggested.

Good Luck, your patients will be the great benefactor