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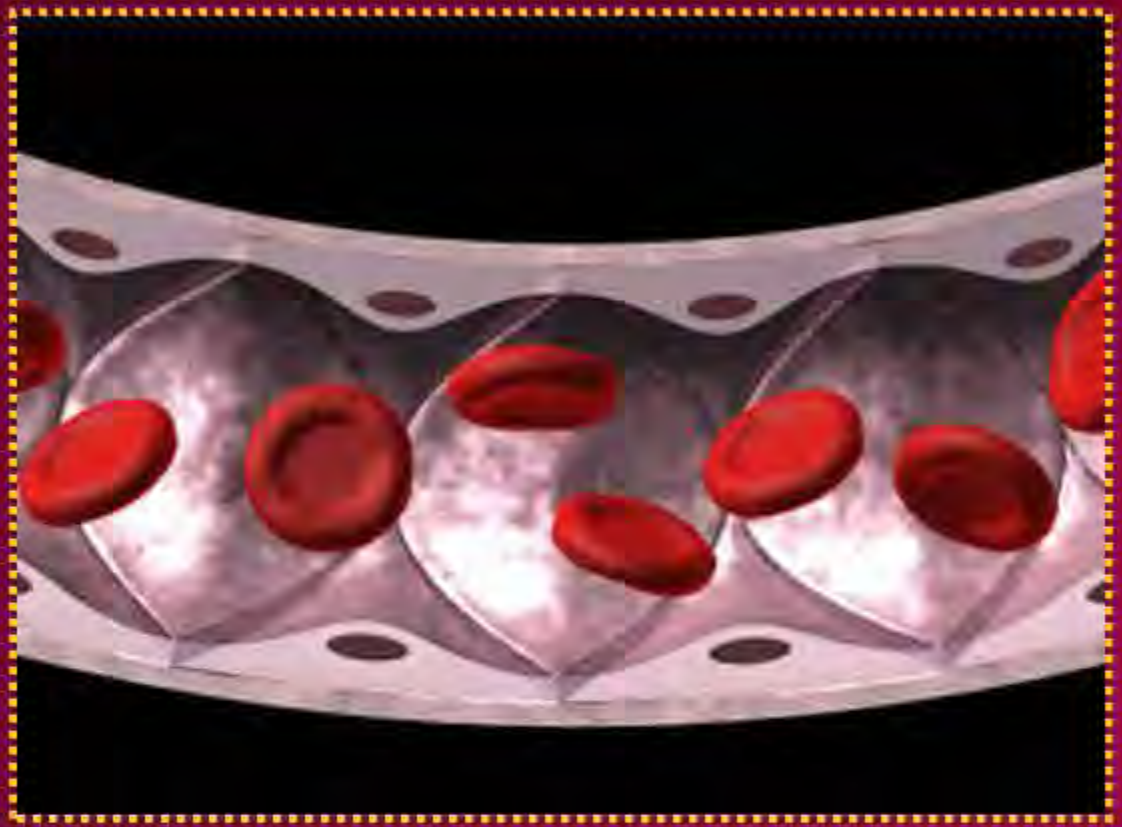

Health Begin With Blood

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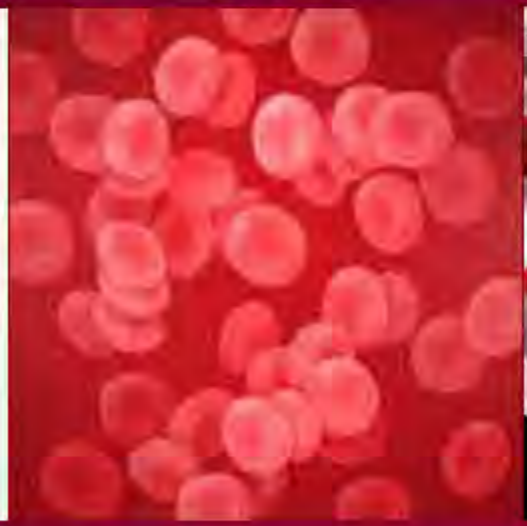
Healthy Blood = Healthy Body



We need to ensure that our blood is always clean!

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Why ?

Blood carries:

- **Oxygen**
- **Nutrients**
- **Hormones**

Carries

Body Cell

At the same time, carry
metabolic waste out from our body.

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Bio Chlorella

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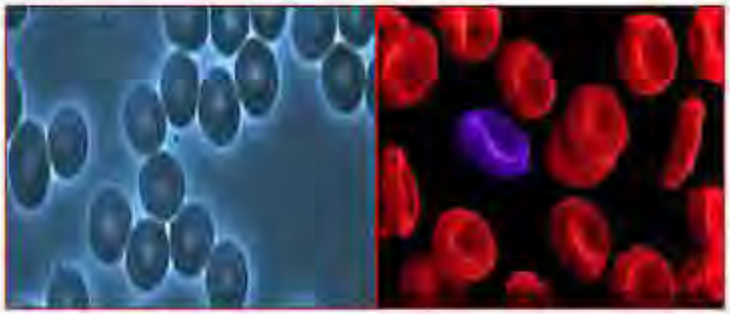
Blood brings health but also carries hazards!



Healthy blood

Unhealthy blood

Pollutants, Pesticides, Chemicals

Unhealthy body

Causes

Unhealthy blood circulate to body cells

2006 © LeRoy International

Causes of Unhealthy Blood

Unhealthy blood

- High acidity
- High viscosity
- High pressure
- Slow movement
- Low metabolic rate

Fatigue, sleepy, heaty

Dizzy, heavy head

Dizzy, red eyes

Numbness

Low appetite, constipation

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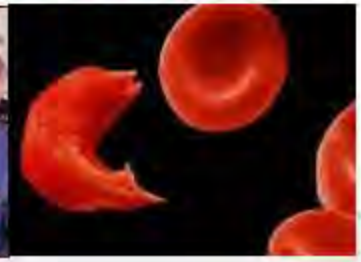
Causes

- Easily attacked by virus & bacteria
- Joint pain
- Diabetes
- Hypertension, high cholesterol
- Chronic lower respiratory diseases
- Autoimmune diseases
- Anemia, septicemia
- Platelet abnormal
- Cardiovascular diseases
- Kidney disorder
- Miscarriage, mutation
- Nervous system disorder
- Cancers

Severe causes even lead to.....Death!



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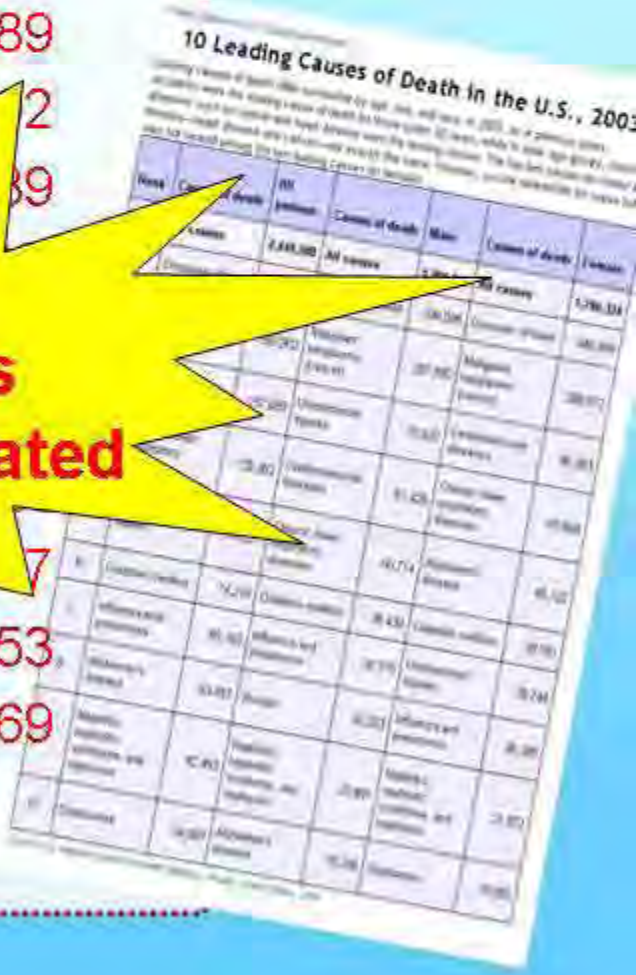
US Mortality

Rank	Cause of Death	No. of deaths
1.	Heart Diseases	685,089
2.	Cancer	556,[illegible]2
3.	Cerebrovascular diseases	[illegible]9
4.	Chronic lower r[illegible]	
5.	Accid[illegible]	
6.	Diabetes m[illegible]	
7.	Influe[illegible]	
8.	Alzheim[illegible]	[illegible]7
9.	Nephritis	42,453
10.	Septicemia	34,069

Almost 70% causes of death are blood related



Source: National Center for Health Statistics, 2005.

Statistic of Blood Diseases

Health Facts Singapore

Principal Causes of Death

4.	Cerebrovascular Disease (including stroke) [ICD9 : 430-438]	9.7	9.8	9.8
5.	Accidents, Poisoning & Violence	6.6	6.5	4.8

Singapore

78% deaths were due to blood diseases.

(MOH of Singapore, 2005)

10 Principal Causes Of Deaths In MOH Hospitals, Malaysia In 2005

1.	Septicaemia	16.54%
9.	Nephritis, Nephrotic Syndrome and Nephrosis	3.89%
10.	Ill-defined conditions	2.82%
	All Causes (39,602)	100.00%

Malaysia

About 60% of deaths were blood related.

(MOH of Malaysia, 2005)

Top 20 Causes of Mortality Throughout the World

		All countries	
Rank	Cause	Total deaths (in thousands)	% of total
1.	Ischaemic heart disease	7,208	12.6%
2.	Cerebrovascular disease	5,509	9.7
3.	Lower respiratory infections	3,884	6.8
4.	HIV/AIDS	2,777	4.9
5.	Chronic obstructive pulmonary disease	2,748	4.8
14.	Self-inflicted	873	1.5
15.	Stomach cancer	850	1.5
16.	Cirrhosis of the liver	786	1.4
17.	Nephritis/nephrosis	677	1.2
18.	Colon/rectum cancer	622	1.1
19.	Liver cancer	618	1.1
20.	Measles	611	1.1

Source: The World Health Report, 2003, The World Health Organization (WHO).

World

Nearly 50% of death worldwide are caused by blood diseases.

(World Health Organization WHO, 2003)

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Removal of blood toxicity helps prevent diseases

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Bio Chlorella

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Solution !

LeRoy international proudly presents

Bio Chlorella

The Best Blood Cleanser And Detoxifier Product

2006 © LeRoy International

Bio Chlorella

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Uniqueness 1:
Blood cleanser and detoxifier

Chlorophyll	Cell-wall	Chlorella growth factor (C.G.F)
Highest chlorophyll among plants	Made up of 3 layers of membrane	Very fast growing rate and vitality
• Blood Cleanser • Synthesis blood • Protects against Radiation • Anti Cancer	• Elimination of toxins from the body by binding with toxins • In Germany and Japan, chlorella is famous for the elimination of mercury from the body.	• Strengthen immune system • Increase healing rate of tissues • Increase repair and vitality of cells

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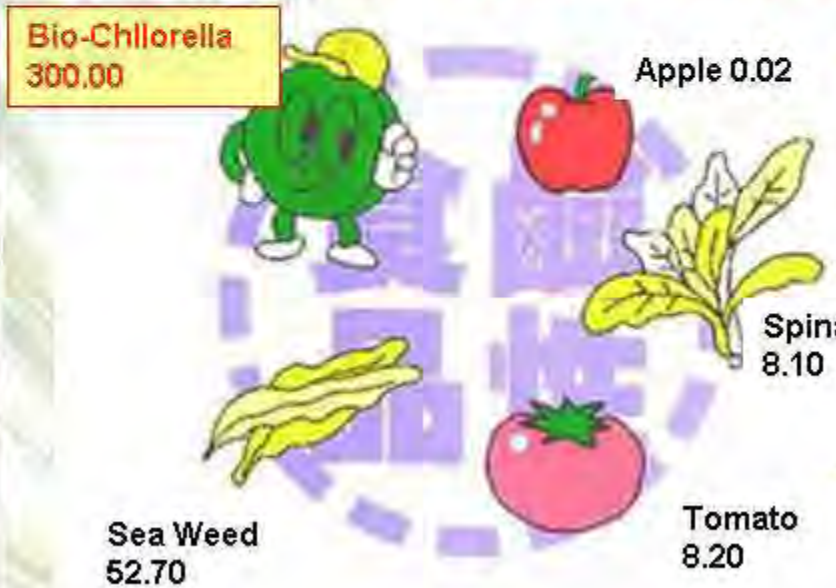
Uniqueness 2: High alkaline food

- **Bio-Chlorella is a high alkaline food.**
- **Body acidity is the root cause for non-communicable diseases.**



Bio-Chlorella helps to neutralize body acidity

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Uniqueness 3: Complete Nutrients

Human body needs a balance nutrition everyday

- Carbohydrate
- Vitamins (B complex, B^{12}, C, E)
- Minerals (Magnesium, Iron, Zinc, Gallium, Calcium)
- 19 essential amino acids
- Essential fatty acids

Nourish growing up children

Rich in Vitamin B12
The best B12 source for Vegans

2006 © LeRoy International

3R Bio Chlorella

- World's only bio-technology chlorella.
- Cultivated in Berlin, Germany.
- Patented enclosed technology system.
- The world's purest, cleanest chlorella.
- The world's safest chlorella.
- Contains bioactive substances.

2006 © LeRoy International

What is Biotechnology ?

Cultivated using patented enclosed system and not exposed to the environment.

Cultivated in enclosed glass tube of 500km total length.

2006 © LeRoy International

Bio Chlorella

LeRoy International

Computerized Control System

- Whole processes from cultivation to harvest monitored by computer system.
- Technology inventor, Prof. Dr Karl-Hermann Steinberg (former Minister for Environment Protection, Nature Protection, Energy and Nuclear Safety)
- The best of German Biotechnology industry.

Bio-Chlorella Research Team

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Bio Chlorella

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The World's Purest, Cleanest

Bio Chlorella

- No Contaminants
- No Pesticides
- No Fungicides
- No Heavy metals

2006 © LeRoy International

What is Microcystin?

Open pond cultivation had been proven to be easily contaminated with microcystin.

Source:
Environmental Health Perspective, Volume 108, May 2000

- **Microcystin may cause (eyes, skin) allergy.**
- **Consuming low dasage of microcystin may cause gastrointestinal inflammation.**

http://www.water800.com/szbz/4/wnz050816.htm

2006 © LeRoy International

What is Microcystin?

Microcystin is a hepatotoxin which may cause cirrhosis, liver tumor, mutation of gall gland or liver cancer, if severe it may also lead to death.

Suratkhabar Mun Sang Poh, 2005/08/29
http://www.tiw.com.tw
Environmental Health Perspective, Volume 108, May 2000

Normal cell

Abnormal cell

European Union (EU) study showed:

Damaged liver cell after being exposed to microcystin.

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What is Microcystin?

Microcystin causes liver cancer.

From 87 types of algae products in America and Canada, 85 types were detected with microcystin

Source: Kesihatan Mingguan 26/8-1/9/2005

Among 85 types of algae, 63 types (73%) contained more than 1μg/g of microcystin, which is above the safety level.

Source: Environmental Health Perspective, Volume 108, May 2000

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German test report

The World's Safest Chlorella

Bio Chlorella

MICRO-CYSTIN TOXIN-FREE

Microcystin Free

n.d = not detected

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Comparison between Bio Chlorella with chlorella and spirulina

	Bio Chlorella	Spirulina	Chlorella
Type	Plant	Cynobacteria	Plant
Technology	• Biotechnology • World's only cultivation using patented enclosed glass tube system	Using open pond cultivation	
Drying method	• Low temperature spray drying (70° C)	High temperature process (250° C)	
Bioactive Substances	• Only harvested life chlorella cell • Bioactivity are maintained	Destroy during processed	
Microcystin	Free	Contain Microcystin??	
Cell-wall	• Multi-layer • Excellent detoxifying properties	• Single-layer • Insignificant detoxifying properties	• Multi-layer • Absorption of toxin from pond environment
Chlorophyll	• 3-5 times higher than spirulina	• Lower compared with chlorella	• Degraded due to high temperature drying process

Bio Chlorella

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Benefits of Bio Chlorella

- Activate, cleanse & detoxify blood
- Neutralize body acidity
- Best nutritional supplement
- Strengthens immune system
- Repair and rebuild cells
- Anti aging
- Weight management
- Cleans bowel system and clears constipation

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3R Bio Chlorella LeRoy International

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Who needs Bio Chlorella

- Children
- Teenagers
- Old Folks
- Women
- Anemia Patients
- Anti aging
- Pregnant women
- Vegetarians
- Weight Management
- On long term medication
- Workaholics

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Bio Chlorella

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Recommended Worldwide

"The most innovative Biotechnology Chlorella"
Annual Report of German Government, year 2003/2004

"The Best Food Supplement"
Food and Drug Association (FDA)

"The Best Food of the Future"
Food and Agriculture Organization (FAO)

"The Most Natural Food"
International Food Exhibition at West Germany

"The Best Supplement Food for 21st Century"
World Health Organization (WHO)

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Regain Your Health

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