

# $\beta$



# The Achievement

Pilot Test By Study Case & Clinical Trial

Of Beta 1,3/1,6 Glucan  
In Gel From Black Yeast

For Cats.Com Member use only

# MAHO

真宝  
まほろ

<sup>1,3-1,6</sup>  
 $\beta$ -Glucan from Black Yeast





# Research

Beta 1,3/1,6 glucan

from black yeast (*Aureobasidium Maho*<sup>®</sup>)

In gel preparation



## The achievement

Research

Beta 1,3/1,6 Glucan gel from black yeast

Researched by

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# Preface

Degenerative and immune dysfunction diseases such as cancer, diabetes, hypertensive cirrhosis, lupus, S.L.E asthma AIDS are list in the WHO, National Cancer Institute strategy which cause death for world population. Fortunately, Beta 1,3/1,4 glucan from OAT brans, medicinal mushroom Linghe shitatake and Beta 1,3/1,4 glucan from black yeast are discovered for immune stimulator without toxicity and side effect. There are several benefits for those degenerative and immune dysfunction patients which can refer by more than 3000 peer review studies and research published by researcher from U.S.A., UK., Turkey, Japan. This is our enlightenment to Thai research physician and pharmacist to study the Pilot test however there are small scale of study case in a short duration of time, the further study should be continued.



# Original Article

## Abstract

The effective of Beta 1,3/1,6 glucan from black yeast *Aureobasidium* (Maho) in Pilot test and Study case of Degenerative immune dysfunction patients in Thailand.

Prof. Dr.Vichit Punyahotra MD., PHD., (President of research)

Pol. Col. Vipasri Pipatphum MSc. In Pharm (Researcher)

Dr. Pukenee Kongpanich MD., et.al. (Assistant research)

## Introduction

Beta 1,3/1,6 glucan from black yeast *Aureobasidium* had been study since 2008 by ranking their immune benefits which were published recently for the most comprehensive and complete, peer reviewed studies in JANA The Journal of American Nutritional Association the independent published research confirm the 3,000+ published peer review studies in prominent medical journal of Beta 1,3/1,6 glucan from black yeast *Aureobasidium* is more effective than Beta 1,3/1,4 glucan from medicinal mushroom, brans, oatmeal etc. The product with Beta 1,3/1,6 glucan from black yeast linkage have been proven to bind with CR3 immune system receptors that can activate the tumoricidal (tumor killing) activities of innate cells of the immune system, specially macrophages, neutrophils, natural killer cells.

## Benefits of Beta 1,3/1,6 glucan from black yeast *Aureobasidium*

1. Activate immune system
2. Antioxidant, Anticancer
3. Increase collagen in connective tissue
4. Increase white blood cell
5. Protection side effect of chemotherapy and radiation
6. Decrease blood sugar in diabetes mellitus (DM.) decrease complications in DM.
7. Relief pain in rheumatoid arthritis
8. Moisturizing skin, antiaging
9. Antibacterial
10. Laxative
11. Stimulate parasympathetic nerve

# Original Article

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8. Moisturizing skin, antiaging
9. Antibacterial
10. Laxative
11. Stimulate parasympathetic nerve

## Method and treatments

Patients with degenerative and immune dysfunction diseases such as cancer, aids, diabetes and complications, rheumatoid, arthritis, polymyositis enrolled visited, 12 cases, with all patients gave their written informed consent to part the studies while 4 patients as cancer, (2 cases lung cancers stage 4) lymphoma cancer 1 case, brain cancer 1 case, 1 patient with nasoplarynx LN cancer 1 case, 1 patient with Gastro Intestinal (G.I.) tract cancer 1 case, the last 2 cases, can not communicate while 2 cases, of HIV with lowest CD 4 and severe complication 1 case, with diabetes and foot complication 1 case with rheumatoid arthritis and 1 case, with polymyositis (severe pains) and 1 case of S.L.E. Total cases, continue to take Beta 1,3/1,6 glucan from black yeast *Aureobasidium* (Maho) orally everyday a follow up visit was performed every 3 months. (duration of studies only 6 months) Efficacy was assessed by laboratory and medical report from hospital and cancer institute as well as quality of life by interview each visit for pain, nausea rash, itching and all found satisfactory.

Starting dose generally with intensive course 2 x 4 sachets before meals with vitamin C (acid buffer) vitamin B6 for energized ATP. for 2 months. And reduce to 2 x 3 sachets for 2 months and maintain dose 1 x 3 sachets after 4<sup>th</sup> - 6<sup>th</sup> month follow up and interview.

## Results and conclusion.

All patients survive and accepted satisfactory results from medical report and laboratory report and better quality of life (Q.O.L.) without any side effects in all patients

In conclusion it may be proved effective of Beta 1,3/1,6 glucan from black yeast *Aureobasidium* (Maho) in Pilot test and Case study of Degenerative immune dysfunction patients with a short span of time but did not recur diseases by maintain doses and correct advice. Several cases such as cancer, aids, diabetes and complications, rheumatoid, arthritis, polymyositis shown from worse to moderate and back to normal quality of life return to work as usual attached reports shown.



In addition larger scale study would be beneficial to further validate the finding of this study. Other factors that should be considered in future studies must focus only special groups of diabetes as cancer, aids, diabetes and complications, rheumatoid, arthritis, polymyositis etc. in further larger scale.

## Acknowledgement

This study was successfully achieved by the collaboration of Cats.com (Thailand) Co.,Ltd. and their staffs. We express our thanks to Pol. Lt. Gen. Dr. Sithidej Sangsirinawin MD., Former chief of orthopedic at Police Hospital and Dr. Pukenee Kongpanich MD. Dermatologist at Vipavadee Hospital, Camilian Hospital Sukumvit, and also thanks to the staff of blood bank biochemist and pathology dpt. at Police hospital.

We appreciate the enlightenment knowledge in text book Beta glucan, the world's most powerful immune booster known to man by Professor. Somsak Vorakamin MD,Dr.PH. and also thanks to Pol.Lt. Lattanachai Chalercam

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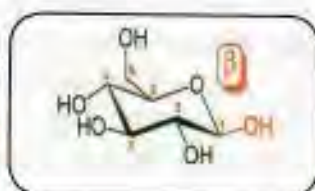
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# Research Team

## **Pilot Test by study case & clinical Trial**

“The efficiency of Beta 1,3/1,6 glucan from black yeast (Maho®) in degenerative and immune dysfunction disease in Thailand”

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Mrs. Vacharaporn Vachirabhahu MPA – Assistance researcher

Ms. Korngamon Pipatphum IT, Assistance researcher

Ms. Nararat Sansuk IT, Assistance researcher



# Appreciation

from



Pol. Lt. Gen. Dr. Sidthidej Sangsirinawin  
Orthopedic Department  
Police Hospital Thailand

I would like to thanks to Thai researcher groups, physicians, pharmacists, scientists for their successful studies “the efficiency of Beta 1,3/1,6 glucan from black yeast (Maho) from Japan” in degenerative and immune diseases such as cancers, aids, diabetes, rheumatoid arthritis in Thailand. This is the enlighthment for physicians, pharmacists and scientists who want extend this study in large scale in next future.

Pol. Lt. Gen. Dr. Sidthidej Sangsirinawin

# Appreciation

from



Gen. Kitti Ratanachaya  
Former Thai Senator

This studies for “the efficiency of Beta 1,3/1,6 glucan from black yeast (Maho)” which has been accepted by doctors, scientists in many countries. Thai researcher can proof great benefits for severe cases such as cancers, aids, diabetes, rheumatoid arthritis in Thailand.

Gen. Kitti Ratanachaya

# Appreciation

from



Prof. Dr. Ubonthip Nimmannit  
Researcher

The successful studies of “the efficiency of Beta 1,3/1,6 glucan from black yeast (Maho) from Japan” in degenerative and immune diseases such as cancers, aids, diabetes, rheumatoid arthritis in Thailand. This is the enlightenment for physicians, pharmacists, scientists for further studies in large scales.

Prof. Dr. Ubonthip Nimmannit  
Researcher

# Appreciation

from



Prof. Dr. Pleumchit Rojanapan  
President of Inventors Association of Thailand

The degenerative & immune dysfunction disease such as cancer, aids , rheumatoid , arthritis , polymyositis , diabetes and complication, S.L.E. , allergy etc. cause low quality of life and short span of life.

This study "The efficacy of Beta 1,3/1,6 glucan (Maho)" in Thailand" can proof and confirm many studies from U.S.A. , Canada, U.K. , Turkey and Japan. Beta 1,3/1,6 glucan (Maho) can protect and boost immune as homeostasis in holistic health care.

Prof. Dr. Pleumchit Rojanapan

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# Study Case

## Lung Cancer Stage 4 Case 1

**N.B.** Patient & their families allow to publish story

---

## Lung Cancer Stage 4 Case 1

A 52 years old Thai lady met insufficient breath and when she visit doctor at the government hospital in Ubonrajchathani province in northeast of Thailand. She was admitted in hospital for 20 days. When the X-ray film reveal pneumonia and medical report shown lung cancer. When the first treatment of chemotherapy and radiation she got many side effects from nausea and vomiting. The first intensive course therapy with Maho is 3 x 2 (3 sachets before meal morning and bed time)

The second month check film Lung X-ray appeared improvement including quality of life is progress. After chemotherapy 6 times and follow up maintenance dose, she feels better. Clear X-ray film and check up respiratory tract okay. She went back to work as usual with improvement of quality of life up to almost 90%

## Discussion and Conclusion

As the medical report from doctor at government hospital show improvement of patient health as normal. After she received Maho, chemotherapy, radiation as intensive course therapy at the beginning of treatment. The quality of life of our patient increase and show clear X-ray film as mention in doctor reports.

The patient received maintenance dose of Maho 1x3 a.c. after discharge from hospital. This is to certify the efficiency outcome of Maho Beta 1,3/1,6 glucan from black yeast in lung cancer.

## Medical report before indicated Lung Cancer stage 4



### บันทึกข้อความ

ส่วนราชการ \_\_\_\_\_

ที่ \_\_\_\_\_

วันที่ \_\_\_\_\_

16 ต.ค. 57

เรื่อง \_\_\_\_\_

ขอตรวจสุขภาพ

เรียน คุณผู้บังคับ

ตรวจพบมะเร็งปอด Dx: Non small cell lung cancer

Stage IV มีก้อน P/Lu size :- No lymph node, no pleural effusion  
pt. is back pain in bone scan :- Fracture base lesion of L4, L5  
(S7/T12)  
vertebrae, possibly degenerative change, no definite bony  
metastasis is seen

Hct 16/11/57 :- Hct 40.5%, Hb 9.59g, PLT 554.

W 32%, M 27%, Eo 3%, MCV 85.9, R

BUN 12, Cr 0.9

TB 0.36, pH 7.38, SOD 12, SOT 8, ALP 84

คุณหมอน

Medical report after used Maho  
indicated nor mal health



บันทึกข้อความ

ส่วนราชการ \_\_\_\_\_

ที่ \_\_\_\_\_ วันที่ 20 ก.ย. ๕๔

เรื่อง ความขอขมา

เรียน นายแพทย์ \_\_\_\_\_

ขอขมา \_\_\_\_\_

พ.ศ. 20 ก.ย. ๕๔ = ๒๐/๙/๕๔

นายแพทย์ \_\_\_\_\_

## Quality of life (Q.O.L.) in Lung Cancer patient

Before used Maho	After 1 Month	After 3 Month	After 6 Month
	Intensive dose 2x3 a.c. before meal vit.c	Maintain dose 2x3 a.c. before meal vit.c	Maintain dose 2x3 a.c. before meal vit.c
			
30%	50%	70%	90%

## Study Case

Before used Maho and After used Maho



Lung Cancer Stage 4 Case 1



# Study Case

Lung Cancer Stage 4 Case 2

**N.B.** Patient & their families allow to publish story



## Lung cancer Stage 4 Case 2

A 40 years old Thai lady from Lopburi province in central part of Thailand not far from Bangkok got a severe & chronic cough with heavy & blood sputum with insufficient breath for several months. When she was admitted in Lopburi hospital the medical report reveal Tuberculosis (T.B.) dispense T.B. and anticough drug. Unfortunately the patient continue to use drugs for 3 months but no improvement. She decided to visit government hospital in Bangkok. The medical & laboratory report with special follow up shown she was lung cancer stage 4. When she need chemotherapy & radiation she had rash from side effect with nausea & vomiting. She and her family decide to enroll our trials to use Maho 2x4 a.c. with vit c 1000mg at the 1-2 month quality of life was improved, laboratory reports show CBC (Blood count), white blood cell differentiates as neutrophil (special WBC) has increase as well as rash disappeared. After follow up with reduce dose Maho to 2x3 a.c. and 1x3 a.c. until 6 months quality of life was subsequently improve healthy she can go back to work as usual and maintain maho 1x3 before meal and reach optimal health as shown in present picture.

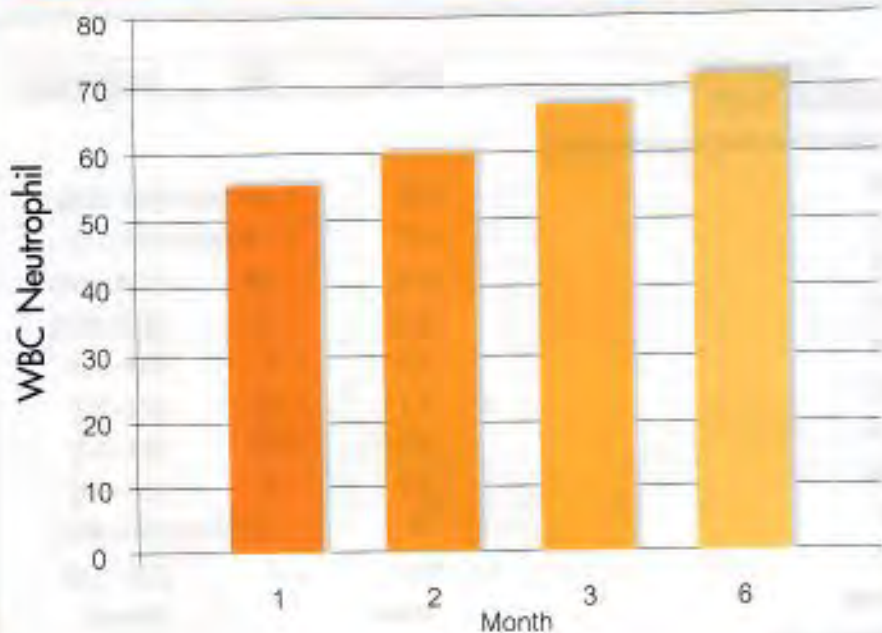
She was very grateful to maho for her new life and allowed us to publish her story to other patients.

Table 1 show WBC. differentiate

Month	Month 1	Month 2	Month 3	Month 6
WBC Neutrophil	57	60	67	71-74
Specification	(40-74)	(40-74)	(40-74)	(40-74)



## Graph indicate WBC Neutrophil



## Laboratory report

Parameters/Tests	Results	Unit	Reference range
<b>HEMATOLOGY Yp.1333A242</b>			
<b>Complete Blood Count(Computer analysis)</b>			
WBC	6.75	$\times 10^9/\text{cumm}$	(4.00 - 11.00)
RBC	4.43	$\times 10^{12}/\text{cumm}$	(4.00 - 5.50)
HGB	14.00	g/dL	(12.00 - 16.00)
HCT	42.10	%	(38.00 - 48.00)
MCV	95.0	fL	(86.0 - 96.0)
MCH	H 31.6	pg	(27.0 - 31.0)
MCHC	33.3	g/dL	(33.0 - 37.0)
RDW	H 14.8	%	(11.5 - 14.5)
PLT	280	$\times 10^3/\text{cumm}$	(140.0 - 400.0)
MPV	9.46	fL	(7.20 - 11.10)
Plt smear	Adequate		(Adequate)
<b>WBC Differential</b>			
Neutrophils	71	%	(40.00 - 74.00)
Lymphocyte	22	%	(18.00 - 48.00)
Monocyte	8	%	(3.00 - 9.00)

Reported by:

Printed: 01/08/2011 07:49

Lab No: 11546677

STAT/Sign

no scale LL, HSI andSD

L, H andHeparinHbSub

Approved by:

Clinic:

For more information please contact our laboratory: 00 1148 614141 or visit our website: [www.national.com.sg/med](http://www.national.com.sg/med)

## Laboratory report

Parameters/Tests	Results	Unit	Reference range
<b>HEMATOLOGY Tel.1332</b>			
<b>Complete Blood Count(Computer analysis)</b>			
WBC	7.01	$\times 10^3/\text{cumm}$	[4.00 - 10.00]
RBC	4.73	$\times 10^6/\text{cumm}$	[4.00 - 5.50]
HGB	14.80	g/dL	[12.00 - 16.00]
HCT	42.70	%	[36.00 - 48.00]
MCV	90.4	fL	[80.0 - 99.0]
MCH	H 31.3	pg	[27.0 - 31.0]
MCHC	34.6	g/dL	[33.0 - 37.0]
RDW	13.5	%	[11.5 - 14.5]
PLT	382	$\times 10^3/\text{cumm}$	[140.0 - 450.0]
MPV	L 6.93	fL	[7.20 - 11.10]
Pit smear	Adequate		[Adequate]
<b>WBC Differential</b>			
Neutrophils	74	%	[40.00 - 74.00]
Lymphocyte	21	%	[19.00 - 48.00]
Monocyte	4	%	[3.00 - 9.00]

## Quality of life (Q.O.L)

Month 0	Month 1	Month 2	Month 3	Month 6
				
30%	45%	50%	65%	85%

## Written Thank you note from lung cancer patients (in Thailand)

ขอบคุณคุณหมอ และ ทีมแพทย์ทุกท่านที่ช่วยชีวิตผมไว้ได้...  
ผมป่วยด้วยโรคมะเร็งปอด ระยะที่ 4 เมื่อ 4 ปีที่แล้ว...  
คุณหมอได้แนะนำให้ผมใช้ยา Beta 1,3/1,6 Glucan...  
หลังจากใช้ยาไป 3 เดือน อาการของผมดีขึ้นมาก...  
ขอบคุณคุณหมอและทีมแพทย์อีกครั้ง...  
คุณหมอและทีมแพทย์ทุกท่านที่ช่วยชีวิตผมไว้ได้...  
ผมป่วยด้วยโรคมะเร็งปอด ระยะที่ 4 เมื่อ 4 ปีที่แล้ว...  
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ขอบคุณคุณหมอและทีมแพทย์อีกครั้ง...  
คุณหมอและทีมแพทย์ทุกท่านที่ช่วยชีวิตผมไว้ได้...  
ผมป่วยด้วยโรคมะเร็งปอด ระยะที่ 4 เมื่อ 4 ปีที่แล้ว...  
คุณหมอได้แนะนำให้ผมใช้ยา Beta 1,3/1,6 Glucan...  
หลังจากใช้ยาไป 3 เดือน อาการของผมดีขึ้นมาก...  
ขอบคุณคุณหมอและทีมแพทย์อีกครั้ง...  
คุณหมอและทีมแพทย์ทุกท่านที่ช่วยชีวิตผมไว้ได้...

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# Study Case



Before used Maho

After used Maho



## Lung Cancer Stage 4 Case 2

### Conclusion & Discussion

According to medical & laboratory reports shown improvement of patient status with remarkable Q.O.Las optimal health. Unfortunately when our patient used chemotherapy that can induce immune suppression and cause side effect. The benefit of Beta glucan in another study reported synergetic potential of Beta glucan in combination chemotherapy with radiation can protect side effect. This study for lung cancers 2 cases response to the benefit of Beta 1,3/1,6 glucan maho in anti cancer and protection side effect of chemotherapy with radiation.



# Study Case 3

## Lymphoma

**N.B.** Patient & their families allow to publish story

# Study Case lymphoma

Thai lady 30 years old from Phitsanulok Province in lower northern part of Thailand was admitted in government university hospital since 12 Apr. 2011 the medical reports shown. Lymphoma Stage 4 after biopsy tumor cell from left throat. Chemotherapy and radiation treatment were arranged for 30 times. Unfortunately at the 6 times show Q.O.L. was worse from side effect of loose weight and nausea & vomiting have to discontinue treatment.

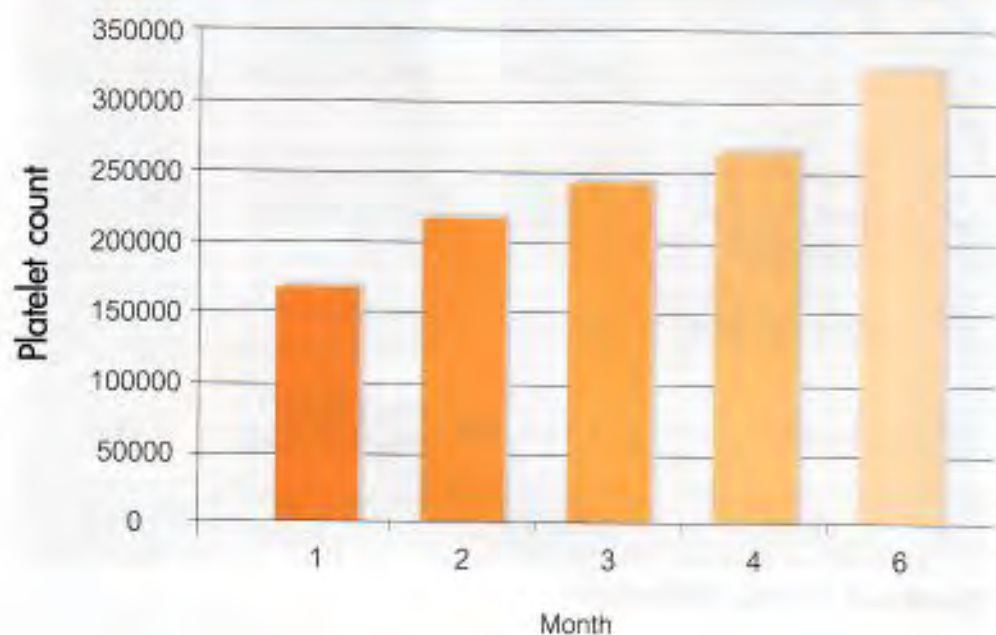
Her father decided to enter our pilot test when received Maho (Beta 1,3,1,6 glucan from black yeast) with intensive course the laboratory reports below.

## Laboratory Report

Clinical Notes:				Request Date: 8 MAR 2014		Time: 2:02 PM	
Order	Result	Unit	Normal Range	Order	Result	Unit	Normal Range
BUN	10.0	mg/dL	9.00 - 23.00	Total Protein	6.7	g/dL	6.6 - 8.7
<b>Complete Blood Cell</b>				Albumin	2.7	L g/dL	3.4 - 4.6
RBC	4.41	$\times 10^{12}/L$	3.8 - 5.8	Globulin	4	H g/dL	1.2 - 3.6
WBC	2.96	$\times 10^3/L$	3.4 - 9.0	Total Bilirubin	2.00	H mg/dL	0 - 1.1
Hb	11.8	L g/dL	12 - 16	Direct Bilirubin	1.28	H mg/dL	0 - 0.3
HCT	34.1	L %	38 - 46	SGOT (AST)	35	U/L	0 - 37
MCV	77.3	fL	77 - 100	SGPT (ALT)	9	U/L	0 - 41
MCH	26.3	pg	25 - 34	Alkaline Phosphatase	125	H U/L	35 - 110
MCHC	34.0	g/dL	29 - 38	Magnesium	1.38	L mg/dL	1.7 - 2.6
RDW	18.6	H %	12.1 - 14.8				
Platelet	23	$\times 10^3/platelet$	140 - 400				
NEU	42	%	35 - 70				
LYMP	50	%	20 - 30				
MONO	0	%	2 - 8				
EOS	0	%	2 - 8				
BAO	0	%	0 - 2				
DIFF 100N	100	%	-				
Dextrose	8.8	L mg/dL	5.8 - 14				
<b>Electrolyte</b>							
Na	130	L mmol/L	137 - 150				
K	4.4	mmol/L	3.5 - 5.3				
Cl	106	mmol/L	100 - 110				
TCO2	23	mmol/L	22 - 30				
Liver function test							



## Graph increase Platelet count after used Maho



## Quality Of Life (Q.O.L)

Before	After 1 Month	After 3 Month	After 6 Month
			
15%	70%	90%	98%



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# Study Case

Before used Maho and After used Maho



Lymphoma





# Study Case 4

## Glioblastoma (Brain cancer)

**N.B.** Patient & their families allow to publish story



## Background & treatment

A 54 years old Thai lady was admitted in government hospital from convulsion, cramp, blur, dementia. When received anticonvulsant drug quality of life was not improved and need CT scans. Diagnosis Brain Tumor @ left parietal area with dimension 3.7 x 3.7 x 4.4 cm. Her husband decide to enter our study and use Maho supplement paralled with medical treatment starting intensive dose of Maho 2 x4 a.c. for 6 months

Table

Month	Maho Orally	Results Q.O.L
1	2 x 4 a. c. + Vit.C. + Vit.B6	Side effect from chemo & radiation Q.O.L. 40 %
2	2 x 4 a. c. + Vit.C. + Vit.B6	Improve Q.O.L. 50%
3	2 x 4 a. c. + Vit.C. + Vit.B6	Improve Q.O.L. 60%
4	2 x 4 a. c. + Vit.C. + Vit.B6	Improve Q.O.L. 70%
6	Maintain dose 1x3 a.c. 1 Sachet before meal 3 times a day.	Improve Q.O.L. 80% without hair loss & vomiting X-ray film show small side of Brain Tumor and can discharge from hospital.

## Discussion and Conclusion

This study reveal synergetic potential of Beta 1,3/1,6 glucan from black yeast (Maho) in combination chemo & radiation therapy with protect & less side effect.

Reference : Patchen, ML. et al. ; Comparative effects of soluble and particulate glucans on survival in irradiated mice ; J of Biological Response Modifiers ; Feb 1986.

### Quality Of Life (Q.O.L)

Month 1	Month 2	Month 3	Month 4	Month 5	Month 6
					
40%	50%	70%	80%	90%	95%





# Study Case 5

## Diabetes

**N.B.** Patient & their families allow to publish story

---

# Diabetes

A 50 years old Thai man known diabetes mellitus with high level of FBS (Fasting Blood Sugar) for several years. He received the diabetes drugs from doctor and continue to use but no improvement. When he decided to enroll our studies his FBS at the beginning is 348 ug / ml. (attached – medical reports) The high level of FBS developed chronic foot ulcer due to peripheral vascular disease. Unfortunately the foot ulcer became dark and septicemia with gangrene from the progressive of diabetes. The medical and laboratory reports revealed the foot ulcer did not response to antibiotic and finally he need to have foot amputation as soon as possible.

The starting intensive dose of Maho (Beta 1,3/1,6 glucan from black yeast) were arrange 2x4 a.c. , 2 sachets before meals 4 times a day +vit. C.+vit B6.pararell with diabetic drug and topical use with Maho 1 sachet directly to the ulcer with special cleaning first. After 1 month the ulcer is smaller and dry without swelling & pain. The Laboratory blood reports satisfactory with decrease in BFS (Blood Fasting Sugar) 194 ug / ml. The patient was discharged with ability to carry out his daily routine activity. He continues to use Maho with decrease maintain dose as 2x3 ac. We advice him to keep his foot ulcer carefully without contamination as well as holistic healthcare. Until the 6 months there was improvement in FBS that show in medical and laboratory blood reports 104 ug / ml. as well as better Quality of life.

## Discussion&Conclusion

This study can confirm the effective & benefits of Beta 1,3/1,6 glucan (Maho) in diabetes & complications due to peripheral vascular defect (ref J.to Vascular Health Risk management (oct250 n8) by Dr.Jiezhong Chen) Latrobe U.+Uof canburrn Aust.



# Study Case

Diabetes with foot complication

Before used Maho

1



After used Maho

2



3



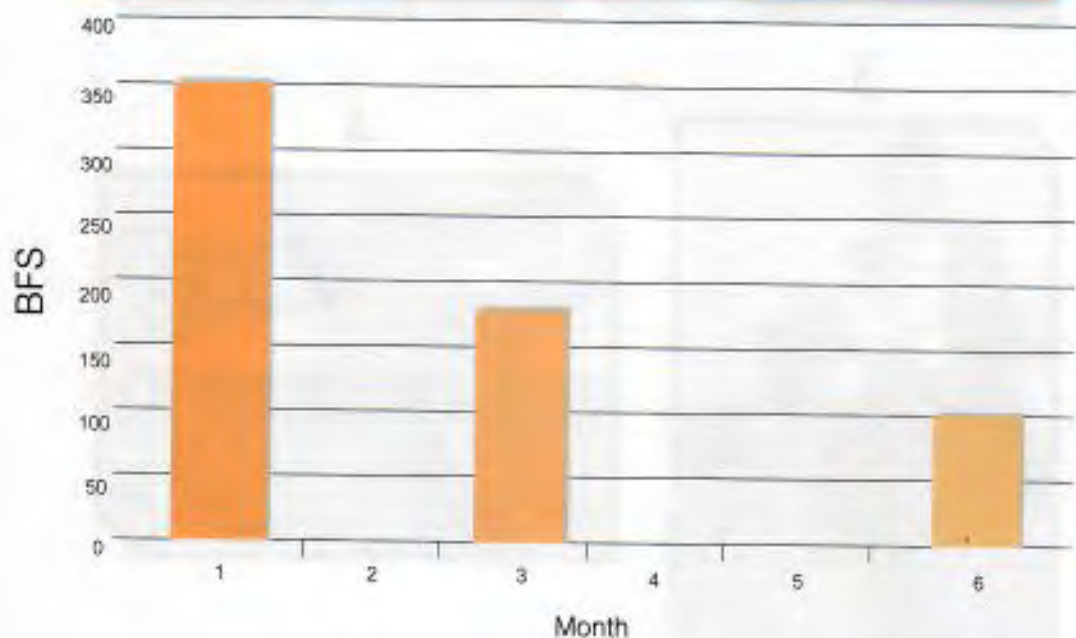
4



Table 1 Show BFS. decrease after used Maho

	Month 1	Month 3	Month 6
Blood Fasting Sugar. Micro mg./dl	348	194	104
	Moho Dose 2x4 a.c.	Moho Dose 2x3 a.c.	Moho Dose 1x3 a.c.

Graph before and after used Maho for Diabetes



## Medical report

35816/54

4 ธ.ค. 2565 11.45  
 11.53.4  
 16/12/65  
 62 ปี

35816/54  
 16/12/65  
 62 ปี

1  
 2  
 3

348 mg/dl  
 194 mg/dl  
 104 mg/dl

## Quality Of Life (Q.O.L)

Month 1	Month 3	Month 6
		
30 %	50 %	80 %



## Final laboratory report BFS = Normal

ឯកសារទី 5 លេខ 1310  
សម្រាប់ប្រើប្រាស់នៅមន្ទីរពេទ្យ 3 លេខ 7320

**Clinical Diagnosis**

Specimen  Blood  Fluid  CSF  
 Spot Urine  Urine 24 hrs.

Collected by \_\_\_\_\_ Time \_\_\_\_\_

Normal  Abnormal

HLN \_\_\_\_\_ AN \_\_\_\_\_ WBC \_\_\_\_\_ TB  
 Age \_\_\_\_\_ Sex  Male  Female  
 Requested by \_\_\_\_\_ Date \_\_\_\_\_

<input type="checkbox"/> BUN (UREA) 10-20 <input type="checkbox"/> CREATININ 0.50 <input type="checkbox"/> BUN/CREATININE 0.8-1.4 <input type="checkbox"/> BUN/CREACT 2.0-7.2	<b>LABORATORY ELECTROLYTE</b> <input type="checkbox"/> BUN/CALCIUM 0.9-1.0 <input type="checkbox"/> BUN/POTASSIUM 1.4-1.7 <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/PO2 22-32	<b>IONAL</b> <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7 <input type="checkbox"/> BUN/POTASSIUM 0.1-0.8 <input type="checkbox"/> BUN/POTASSIUM 1.4-1.7 <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7 <input type="checkbox"/> BUN/PO2 22-32 <input type="checkbox"/> BUN/PO2 22-32	<b>LABORATORY LIPID PROFILE</b> <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7 <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7
<b>LABORATORY LIPID PROFILE</b> <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7 <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7	<b>LABORATORY LIPID PROFILE</b> <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7 <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7	<b>LABORATORY LIPID PROFILE</b> <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7 <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7	<b>LABORATORY LIPID PROFILE</b> <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7 <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7
<b>LABORATORY LIPID PROFILE</b> <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7 <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7	<b>LABORATORY LIPID PROFILE</b> <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7 <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7	<b>LABORATORY LIPID PROFILE</b> <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7 <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7	<b>LABORATORY LIPID PROFILE</b> <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7 <input type="checkbox"/> BUN/CHLORIDE 0.1-0.8 <input type="checkbox"/> BUN/CHLORIDE 1.4-1.7

Reported by \_\_\_\_\_ Date \_\_\_\_\_

Approved by \_\_\_\_\_ Date \_\_\_\_\_





# Study Case 6

## Rheumatoid Arthritis

**N.B.** Patient & their families allow to publish story

## Background & Treatment

Thai lady 45 years old stayed in north part of Thailand had severe pain at joint with swelling cannot drive or do her daily routine work. When she visit orthopedist in government hospital the medical and laboratory report indicated she was rheumatoid arthritis (fig. 1, 2, 3) The treatment will continue many times with analgesic, NSAIDS drug, Antacid, Muscle relaxant drug but not improve. She decide to enter our study by using Maho pararelled with medical treatment as shown a belows.

### Medical Report indicated Rheumatoid Arthritis

ใบรับรองของแพทย์

ชื่อคนไข้ นางสาว น. น. อายุ 45 ปี

วันที่ 17 สิงหาคม 2564

คลินิกโรคกระดูก 019 (ศ.) ศกษ

แพทย์ผู้ตรวจ นาย น. น. ตำแหน่ง แพทย์

แพทย์โรงพยาบาล, ประกอบด้วยโรคคือ โรคข้ออักเสบรูมาตอยด์ ตามา 019 (ศ.) ศกษ (ศ.) ศกษ

ได้รับการตรวจร่างกาย, วัจน ปกติ มีอาการ ปวดข้อ ขาบวม

ให้การพิจารณาโรค คือ โรคข้ออักเสบรูมาตอยด์

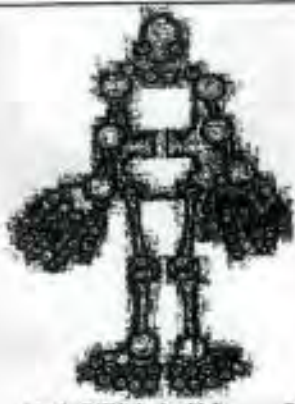
มีความเห็น พบโรคข้ออักเสบรูมาตอยด์

แพทย์ผู้ตรวจและรักษา

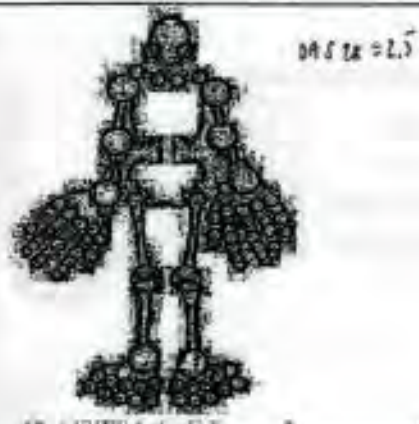
7-64



## Medical treatment report before used Maho

	<b>RA-02</b>
Page 1 of 2	
<p> <input checked="" type="checkbox"/> ជំងឺរាងកាយ ឬ ជំងឺប្រព័ន្ធភ័យសាស្ត្រ (X) ឬ <input type="checkbox"/> ជំងឺប្រព័ន្ធភ័យសាស្ត្រ ឬ ជំងឺប្រព័ន្ធភ័យសាស្ត្រ ផ្សេងៗ  <input type="checkbox"/> ជំងឺប្រព័ន្ធភ័យសាស្ត្រ ផ្សេងៗ ឬ ជំងឺប្រព័ន្ធភ័យសាស្ត្រ ផ្សេងៗ         </p>	
<p> <b>FR3506</b>            លេខសម្រប 476 ០១០០១៣៤ ៩            លេខ ២៥៥៤ ០០១ ០៨ ០១ ៤៥ ៧         </p>	<p>           Date: 06/06/18            HN: FR-3506            Age: 45 years            B.P.: 110/60 mmHg         </p>
<p><b>A: Patient general health assessment</b></p> <p>Very well <span style="float: right;">Extremely bad</span></p> <p style="text-align: center;"> <input type="checkbox"/> 0 <span style="margin-left: 100px;"><input type="checkbox"/> 50</span> <span style="margin-left: 100px;"><input type="checkbox"/> 100</span> </p>	
<p>           Constitutional symptoms <input type="checkbox"/> 1. Yes <input checked="" type="checkbox"/> 2. No            1. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ <input type="checkbox"/> 1. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ <input type="checkbox"/> 2. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ            2. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ <input checked="" type="checkbox"/> 1. ទាប <input type="checkbox"/> 2. មិនទាប            3. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ <input checked="" type="checkbox"/> 1. ទាប <input type="checkbox"/> 2. មិនទាប            4. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ <input type="checkbox"/> 1. ទាប <input type="checkbox"/> 2. មិនទាប            5. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ (ជំងឺប្រព័ន្ធភ័យសាស្ត្រ) <input checked="" type="checkbox"/> 1. ទាប <input type="checkbox"/> 2. មិនទាប <input type="checkbox"/> 3. មិនទាប            6. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ            + ជំងឺប្រព័ន្ធភ័យសាស្ត្រ (១១)         </p>	<p>           Morning stiffness 05 ម៉ោង            7. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ <input type="checkbox"/> 0 <input type="checkbox"/> 9 ៤០            8. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ <input type="checkbox"/> 0 <input type="checkbox"/> 6 ៤០            9. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ <input type="checkbox"/> 0 <input type="checkbox"/> 9 ៤០            10. ជំងឺប្រព័ន្ធភ័យសាស្ត្រ <input type="checkbox"/> 0 <input type="checkbox"/> 9 ៤០         </p>
<p><b>B: Physical examinations: Joint</b></p>	
	

## Medical treatment report after used Maho

ឯកសារព័ត៌មានអ្នកជំងឺ ឬអ្នកបម្រើការព្រះ (X) ឬមិន <input type="checkbox"/> អ្នកជំងឺ ដែលបានបំពេញការព្រះ ឈ្មោះ: <input type="checkbox"/> បំពេញការព្រះ អ្នកបម្រើការព្រះ	
FR3506  លេខអត្តសញ្ញាណប័ណ្ណ: 228 ប្រភេទសញ្ជាតិ: ខ្មែរ ថ្ងៃខែឆ្នាំកំណើត: 25 ម.ក. 2554 ពេលវេលា: 09:48 ថ្ងៃ 45 វិ	Date: 25/10/2014 25 OCT 2554 HN: FR-3506 Age: 45 years B.P.: 130/70 mmHg
<b>A: Patient general health assessment</b> Very well <span style="float: right;">Extremely bad</span> ☺ <span style="margin-left: 150px;">☹</span> <span style="float: right;">☹☹ = 0370</span> 0 <span style="margin-left: 150px;">50</span> <span style="float: right;">100</span>	
Constitutional symptoms <input type="checkbox"/> 1. Yes <input checked="" type="checkbox"/> 2. No. <span style="float: right;">Morning stiffness 0/1 ប្រាំ</span>	
1. ក្រហមស្បែក <input checked="" type="checkbox"/> 1. ក្រហមស្បែក <input type="checkbox"/> 2. ក្រហមស្បែក	4. ក្រហមស្បែក <input checked="" type="checkbox"/> 1. ប <input type="checkbox"/> 2. ប
2. ក្រហមស្បែក <input checked="" type="checkbox"/> 1. ក្រហម <input type="checkbox"/> 2. ក្រហម	5. ក្រហមស្បែក (ស្បែក, ក្រហម ១០០)
3. ក្រហមស្បែក <input checked="" type="checkbox"/> 1. ក្រហម <input type="checkbox"/> 2. ក្រហម	<input checked="" type="checkbox"/> 1. ក្រហម <input type="checkbox"/> 2. ក្រហម <input type="checkbox"/> 3. ក្រហម
6. ក្រហម ក្រហមស្បែក ក្រហមស្បែក ក្រហមស្បែក	
<b>B: Physical examinations: Joint:</b> 7. Small joint <input type="checkbox"/> 0 <input type="checkbox"/> 2 ក្រ 8. Large joint <input type="checkbox"/> 0 <input type="checkbox"/> 0 ក្រ 9. Total swelling joint <input type="checkbox"/> 0 <input type="checkbox"/> 0 ក្រ 10. Total tender joint <input type="checkbox"/> 0 <input type="checkbox"/> 2 ក្រ	
	

## Physical Examination Joint

Before use Maho			After use Maho 1 Month		
Small joint	→	9	Small joint	→	7
Total swelling joint	→	9	Total swelling joint	→	9
Total tender joint	→	9	Total tender joint	→	7
After use Maho 3 Month			After use Maho 6 Month		
Small joint	→	3	Small joint	→	2
Total swelling joint	→	0	Total swelling joint	→	0
Total tender joint	→	3	Total tender joint	→	2

## Conclusion/Discussion

The result of Maho with intensive dose 2 x 3 before meal with plenty of water plus Vit.C. + Vit.B6 for 3 month. The outcome was satisfactory. The patient can go back to work as teacher as well as improve quality of life. After 3 – 6 month with maintain dose of make 2 x 2 a.c. and 1x 3 a.c. can induce pain as shown in Q.O.L. She can withdraw her analgesic drug and antacid drug without trouble from stomach disturbance

This study respond to the refrence from Turkey by Celae Cerci et al. Suleyman Demirel University, Turkey Dec. 2008. Beta glucan stimulate macrophage to produce growth factor and fibroblast for collagen, elastin and hyaluronan as natural lubricant and protect osteoarthritis (O.A.)

## Table

Month	Maho Orally	Results
1	2 x 3 a. c. + Vit.C. + Vit.B6	Pain relief from 9 joint to 7 joints
3	2 x 2 a. c. + Vit.C. + Vit.B6	Pain relief from 7 joint to 5 joints
6	1 x 3 a. c. + Vit.C. + Vit.B6	Pain relief from 5 joint to 2 joints with no swelling

## Quality Of Life (Q.O.L)

Before	After 1 Month	After 3 Month	After 6 Month
			
10 %	30 %	70 %	90 %



# Study Case 7

## Polymyositis

**N.B.** Patient & their families allow to publish story

# Polymyositis

A 55 years old golfer in Thai golf tournament in Bangkok Thailand. He had pain all over his muscles can not continue play golf. When he visit orthropedist in government hospital he received analgesic, muscle relaxant, antacid, NSAIDS and prednisolone in sometime. Unfortunataly he still pain and increase his quality of life. When the 1 st – 3 rd month use Maho.

Table

Month	Maho Orally	CPK	Q.O.L
1	2 x 3 a. c. + Vit.C. + Vit.B6	1007 ( 25 – 200 ) U/L	30 %
3	2 x 2 a. c. + Vit.C. + Vit.B6	905 ( 25 – 200 ) U/L	55 %
6	1 x 3 a. c. + Vit.C. + Vit.B6	881 ( 25 – 200 ) U/L	80 % Back to work.

## Conclusion & Discussion

Our study respond to the reference from University of Turkey by Celae Cerci et al. Suleyman Demirel University, Turkey Dec. 2008. refer Beta glucan stimulate macrophage to produce growth factor and fibroblast for collagen, elastin and hyaluronan as natural lubricant muscle & joint. We can notice CPK (Creatinine Phospho Kinase) which is enzyme secret when muscle was injured and damaged in hard work However, the table indicated of CPK is decreased but still unsatisfied to the team research due to the fond of all choholic wich may be disturb the absorbtion of beta glucan.

## Medical report indicated polymyositis



## Quality Of Life (Q.O.L.)

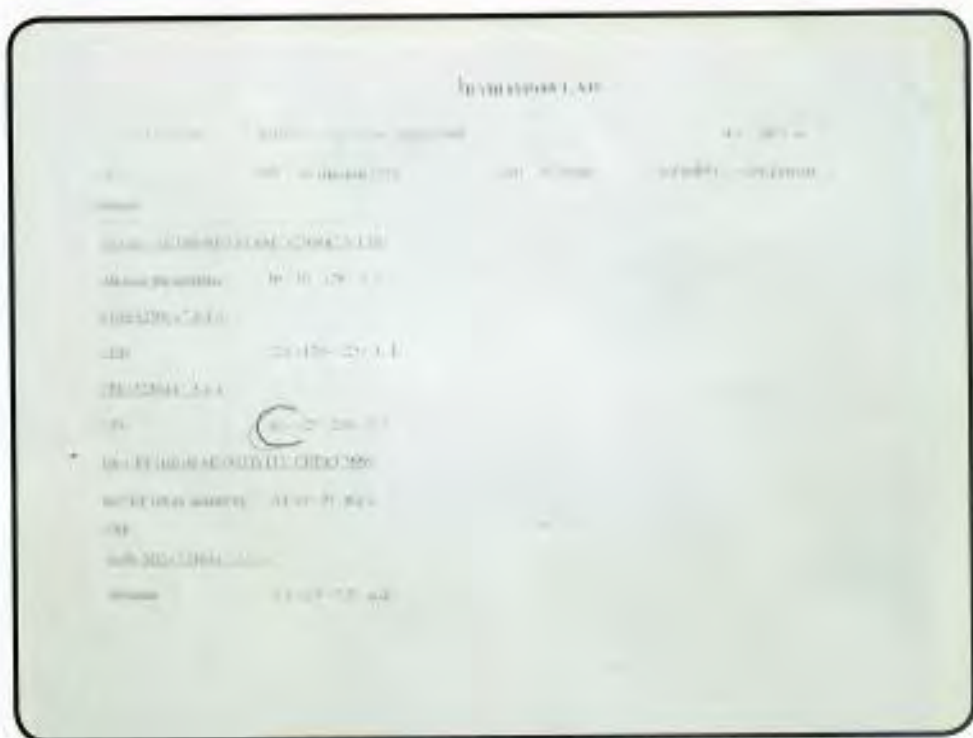


## Laboratory report

HUSYUJIBU LAB			
IN: 224004	Dept: <u>    </u>	DATE: <u>    </u>	TIME: 16:25:48
AN: -	Sub: 12 HINGGU 2024	1001: 07:26:00	revisits: 001/0000
Comments:			
ALB (351182) (3.4.12)			
ALI	36.00 - 48.00 U/L		
ALKALINE PHOSPHALASE (358123007) (3.4.10)			
Alkaline phosphatase	43.100 - 128 U/L		
CPK (35801) (3.4.4)			
CK-MB	0 - 100 U/L		
<p><i>Creatinine, Phosphokinase, aspartat aminotransferase, laktat dehidrogenase, amilase, transaminase, urea, glukosa</i></p> <p><i>M. Sidiq</i></p> <p><i>20/05/2024</i></p>			
HUSYUJIBU LAB			
IN: 2245542	Dept: <u>    </u>	DATE: <u>    </u>	TIME: 16:25:48
AN: -	Sub: 12 HINGGU 2024	1001: 07:26:00	revisits: 001/0000
Comments:			
CREATININE (352047) (3.4.1)			
Creatinine	0.67 - 1.17 mg/dL		
TRIGLYCERIDES (35207) (3.6.2)			
Triglycerides	0 - 150 (50 - 160) mg/dL		
LDL-CORRECTED (352047) (3.6.4)			
LDL-CORRECTED	149 (1 - 99.99) mg/dL		
ALBUMIN (35207) (3.5.3)			
Albumin	4 (2.8 - 3.7) g/dL		
AST (351087) (3.4.11)			
AST	44.00 - 37.0 U/L		
ALT (351182) (3.4.12)			



## Laboratory report







# Study Case 8

HIV/AIDS

**N.B.** Patient & their families allow to publish story

---

## HIV Aids (case 1)

A 34 years old Thai man who work in manufacturing in northeast of Thailand. He had itching all over his body dose not response to camamile (topical lotion) and antihistamine.He decide to visit government hospital. The medical and laboratory reports reveal HIV from CD4 at 204 as well as physical examination reveal white spot and ulcer from within his tongue, weight loss and weak when he enter our studies and received 2x2 ac.+vic.c+vit.B6 until 3 month blood chech CD4 increase to 354 as well as quality of life better without tired ,gain weight and iching and ulcer disappeared. After 6 month the blood check cd 4 become 598 and good quality of life while the maintain dose continue 1x3 a.c. He can do daily activity and go back to work without symtoms .The patient satisfied his new life and appreciated Maho as his health promotion and quit antivirus drugs.

## Discussion&Conclusion

After use Maho (Beta 1,3/1,6 glucan) from blackyeast with Antivirus drug it may synergize action Antivirus that indicate by CD4 from 204 to 354 and than to 598 with in month 6<sup>th</sup> The improvement of Q.O.L. is to 95% The patient can do his routine daily work as usual. He satisfied and continue to use Maho as health promotion.

**N.B. – HIV/Aids and study case 8-9 should be confidential.**

## Table before and after use Maho CD4 increase

Maho dose	CD4	Quality of life Q.O.L.
Month 1 2×2 a.c. two sachets before meal two times a day morning-bed time.	204	50 % weak, itching, white spot inside tongue from fungus can not go to work as usual.
Month 3 increase dose 2×3 a.c. three sachets before meal three times a day morning- lunch-bed time.	354	75 % improve Quality of life Q.O.L. weak, itching, white spot inside tongue from fungus disappear. Go back to work
Month 6 maintain dose 1×3 a.c. one sachet before meal three times a day morning-lunch-bed time.	588	95 % improve Quality of life Q.O.L. Go back to work completely.

## Quality Of Life (Q.O.L)

Before	After 1 Month	After 3 Month	After 6 Month
			
10 %	50 %	75 %	95 %





# Study Case 9

## HIV/AIDS

**N.B.** Patient & their families allow to publish story

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## HIV Aids (case 2)

A 43 years old Thai man with drug addicted and contaminate blood from his friend syringe for years. Then he had high fever and white spot ulcer in mouth, weight loss, cramp. The medical and laboratory reports revealed HIV AID with CD4 at 95. He responded slowly to Antivirus drug and still low quality of life cannot work. His sister let him to enroll our study from 1<sup>st</sup> dose of Maho 1x3 a.c.+vit.c for 3 months the CD4 increase to 380 while quality of life improve to 55%. The improvement Q.O.L. at 4<sup>th</sup> month by using Maho is at 2x3 a.c.+Vit. C while CD4 has increased to 520 and 625 at the following month. The health assessment are satisfactory.

## Discussion & Conclusion

After use Maho (Beta 1,3/1,6 glucan) from blackyeast with Antivirus drug it may synergize action Antivirus that indicate by CD4 at 95 to CD4 625 with in 6 month. The improvement of Q.O.L. to 98%. The patient can do his routine daily work as usual. He satisfy Maho and continue as health promotion.

**N.B. – HIV and Aids study case 8-9 should be confidential**

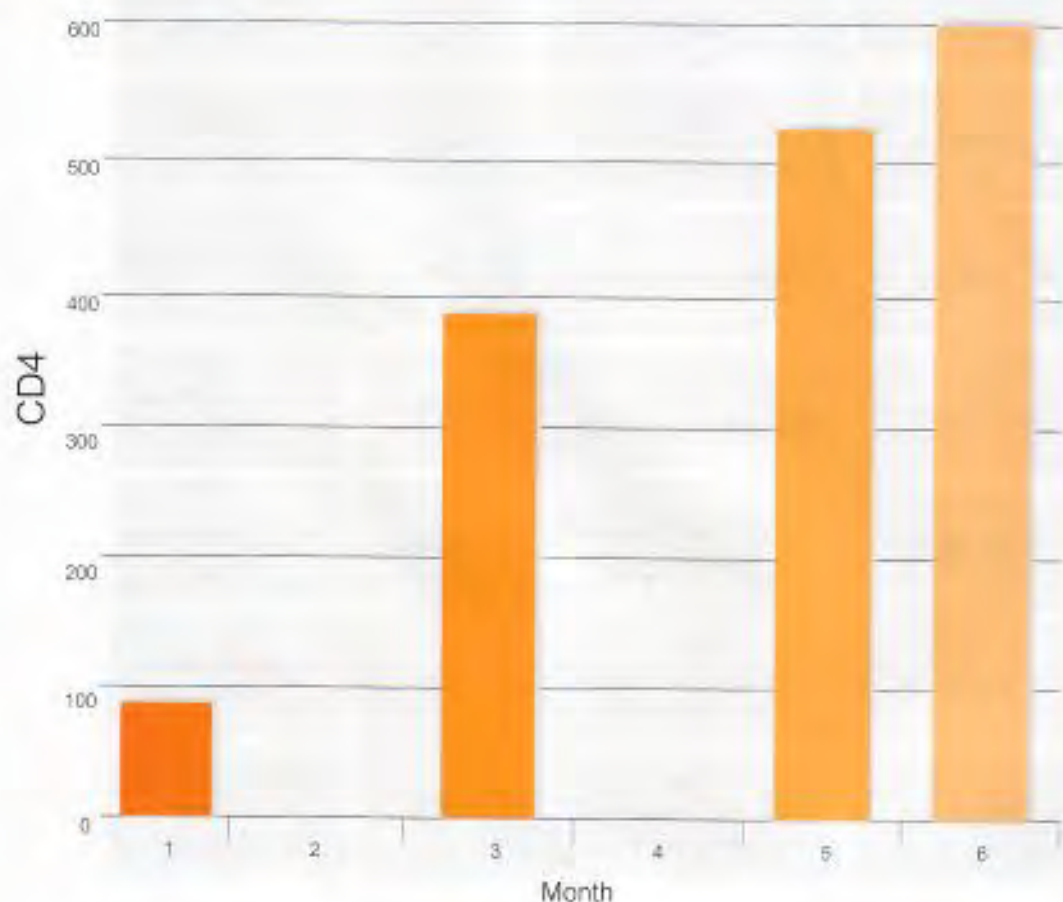


## CD4 table HIV patient (case 2)

Month	CD4	Quality of Life (Q.O.L)	Maho Dose
Month 1	95 Side effect – lesion in mouth, arm, white spot inside tongue	20%	1 x 3 a.c. before meal + Vit.C
Month 2	Decrease side effect	45%	1 x 3 a.c. before meal + Vit.C
Month 3	380 Side effect disappeared.	55%	2 x 3 a.c before meal + Vit.C
Month 4	Side effect disappeared increase weight	68%	2 x 3 a.c before meal + Vit.C
Month 5	520 Side effect disappeared increase weight	85%	2 x 3 before meal + Vit.C
Month 6	625 Side effect disappeared increase weight	95%	Maintain dose: 1 x 3 before meal + Vit.C

# Increasing CD4 with in 6 Months

Graph before and after used Maho





# Study Case 10

Systemic Lupus  
Erythematosus (S.L.E.)

**N.B.** Patient & their families allow to publish story

# Systemic Lupus Erythematosus (S.L.E.)

A 16 years old young lady sicked from S.L.E. (Systemic Lupus Erythematosus) since C.E. 2006 (medical reports attached). She was hospitalized for chickenpox treatment and then she was previously diagnosed with S.L.E. and polyarteritis nodosa. Her blood test showed negative Antids DNA, negative ANCA, negative anticardiolipin IgG, IgM; Abnormal lupus anticoagulant, low C4 = 8.9 (normal 16-40), normal C3 = 135 (normal 76-171), PT 12.9 (control 12.3) PTT 21.8 (control 26.9) INR.

Her mother decided to enroll our studies in September 2011. The starting dose of Beta 1,3/1,6 Glucan Maho is 1x5 a.c. (1 sachet before meal 5 times a day every 4 hours with vit. C and multivitamin continue to month 3rd)

The intensive dose of Maho were arrange to 2 sachets each in the morning-bedtime + 1x3 a.c. (1 sachet before 3 meals). The Q.O.L. has improved as the table below.

## Dose of Maho

Month	Maho	Result
Month 1	1 sachet x 5 per day and 2 sachets At bed time + Vit.C 1000 mg.	Q.O.L. 40 %
Month 3	1 sachet x 3 per day and 2 sachets At bed time + Vit.C 1000 mg.	Q.O.L. 60 %
Month 6	1 sachet x 3 per day and 2 sachets At bed time + Vit.C 1000 mg.	Q.O.L. 80 %
Month 8	Maintain dose 1 x 3 a.c. (before meals) + Vit.C 1000 mg.	Q.O.L. 95 %

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# Study Case

## Systemic Lupus Erythematosus (S.L.E.)

Before used Maho



After used Maho



## Medical report from Doctor



March 14, 2007

To Whom It May Concern:

I am writing this letter on the behalf of **Miss Napittha Sirikosaiyakanon**. Miss Sirikosaiyakanon has been under my care since January 2006 at Thammasat University Hospital when she was hospitalized for chickenpox treatment. She was previously diagnosed with SLE and polyarteritis nodosa at Bhumibol Hospital and was treated with prednisolone 5mg OD before the hospitalization.

According to Miss Sirikosaiyakanon's mother, her illness started with a history of daily headache and vomiting for 2 months before she developed a head injury by falling down in October 2002. Right side weakness and speech difficulty were subsequently noticed within a day after the injury. A diagnosis of cerebrovascular accident with polyarteritis nodosa was given and she was treated in an intensive care unit at Bhumibol Hospital with corticosteroid, aspirin and platelet transfusion. Prednisolone was prescribed for several months. In 2004 the patient was diagnosed with pneumonia and admitted for 1 week. Miss Sirikosaiyakanon presented with 1 month history of abdominal pain and she underwent an abdominal surgery because of severe pain in 2005. The treatment included high dose IVIG, platelet and packed red cell transfusion at Bhumibol Hospital. A diagnosis of SLE was suspected and she had been treated with prednisolone and aspirin since then.

Her previous diagnostic tests at Bhumibol Hospital revealed ANA 1:320, positive Coombs' test, negative ANCA, mild anemia with occasional thrombocytosis (292,000-620,000) and leukocytosis (21,900).

Miss Sirikosaiyakanon was evaluated at Thammasat University Hospital while hospitalized because of the unclear primary diagnosis. Her blood tests showed negative Anti-dsDNA, negative ANCA, negative anticardiolipin IgG and IgM, abnormal lupus anticoagulant, low C4 =8.9 (normal 16-40), normal C3=155(normal 75-171), PT 12.9(control 12.3), PTT 21.8 (control 26.9), INR 1.05. CT scan showed old cortical infarction. The patient was initially treated with prednisolone (2mg/kg/day), enoxaparin 30mg SC q 12hr, ASA gr 1. In March 2006 the patient developed breathing difficulty and feeling sick with unclear diagnosis. Chest x-ray and echocardiogram were normal. Azathioprine and hydroxychloroquine were subsequently prescribed in April 2006. Prednisolone was slowly decreased and was discontinued since August 2006. Anticoagulant was discontinued since she was suffered from enoxaparin injection. Generally, her symptoms including neurological impairment have been gradually improved. I have seen her every 2-3 months clinically. Monitoring and blood tests at Thammasat University Hospital are limited since she is not allowed by the health insurance.

## Written note from patient's mother allow to publish her story

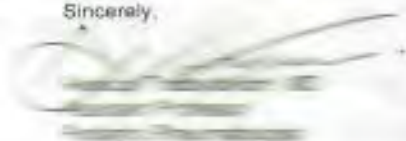
Diagnosis: SLE with lupus cerebritis, congenital C4 deficiency,  
Evan syndrome, antiphospholipid syndrome, CVA and hemiplegia

Current treatment:

1. Azathioprine 1 tab PO OD
2. Hydroxychloroquine ½ tab PO OD
3. Calcium (200mg) 1 tab PO OD
4. MTV 1 tab PO OD
5. Aspirin

Please feel free to contact me at [akaluck1@hotmail.com](mailto:akaluck1@hotmail.com) if you have any questions.

Sincerely,



Handwritten text in Thai script, likely a translation or additional notes.

Handwritten signature and date:  
Handwritten signature  
(mother)  
20/3/2012

## Special X-Ray Investigation Request

SPECIAL X-RAY INVESTIGATION REQUEST			
P.N.: <u>9 67 658</u> P.N.: _____ DATE REQUESTED: <u>30/1/09</u> TIME: <u>15.30</u> RECEIVED: _____ TIME: _____	PREVIOUS EXAMINATION: -ULTRASOUND <input type="checkbox"/> YES <input type="checkbox"/> NO -X-RAY <input type="checkbox"/> YES <input type="checkbox"/> NO EMERGENCY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO PREGNANCY <input type="checkbox"/> YES <input type="checkbox"/> NO		
NAME: <u>A. ex. ...</u> I.O. SEX: <input type="checkbox"/> MALE <input checked="" type="checkbox"/> FEMALE <input type="checkbox"/> OPD <input checked="" type="checkbox"/> WARD			
INVESTIGATION REQUIRED: <u>CT brain c contrast</u> CLINICAL DIAGNOSIS: <u>SLE c severe headache c stroke c chicken pox</u> CLINICAL INFORMATION: <u>was SLE on 1. ... , 1 ...</u> <u>... chicken pox on 1 ...</u> RR V/S P 100/min, BP 100/70 mmHg 30 MAR 2009 sharp eye disc both BU N/Cr SIGN: _____ DEPARTMENT OF _____ TEL: _____			
<p style="font-size: small; margin: 0;">I hereby request my patient to be examined by X-ray ...                      SLE with antibodies and cerebral infarction ...                      ...                      ...                      ...                      ...                      ...                      ...</p>			



## Nephrology Section Department of Pediatrics

Nephrology Section Department of Pediatrics  
Bhumiboladulyadej Hospital, Royal Thai Air Force

5 April, 2011

To: Whom it may concern

Treatment Summary (Miss Napittha Sirikosolkarnon)

Date	History	Findings	Diagnosis	Treatment
13 Oct 2001	Right Hemiplegia Acute Hemolysis	CT: Hypodensity area at left internal capsule C3 normal Thrombocytopenia ANA negative p-ANCA positive	AHA with cerebral infarction TTP (PAN) w/O SLE	Prednisolone Persantin  Normal FU
8 Aug 2006	Right Lower Q pain Acute Hemolysis	Coombs' test positive Thrombocytopenia US: congested & enlarged appendix Echo: Pericardial effusion C3 low ANA positive peripheral & nucleolar type ANCA negative Anti Sm, Anti DNA neg	Acute appendicitis AHA with thrombocytopenia Pericarditis  Suspected SLE	Appendectomy Prednisolone Chloroquine Azathioprine
31 Oct 2008	Well	Lab For SLE negative UA: Normal	SLE remission No Renal involvement	Aspirin 81 Plaquenil
13 Mar 2011	Edema with fever Alopecia	UA: Protein 3+ <RBC 10-20 Serum Albumin 2.5 gm/dl Creatinine 0.8 mg/dl BUN 37 mg/dl ANA 1:20 speckle type C3 low C4 low Anti Sm negative Anti DNA less than 1:10	SLE With renal involvement (impression SLE class IV)	Prednisolone Pulse Endoxan (Plan 3 year) Plan Renal Biopsy

# LAB.report from France

Laboratory d'analyses Medicales  
Demarquest-Elisabeth

Admission: N°6678

84, rue des Martyrs de la Résistance - 60110 MERU

Docteur DEMARQUEST Jacques  
Médecin Généraliste  
DES de Biologie Médicale  
Labo N° 100704

Tél: 03 44 22 00 42  
Fax: 03 44 22 37 74  
e-mail: jdemarq@wanadoo.fr

Méru, le 20/03/09

Mlle SIRIKOGAIYAKANON MAPITHA  
11 CLOS DES TILLEULS  
40790 LE DELOGE

DR MICHEL BAUX  
5 RUE ABEL FAUVREAU  
95170 DEUIL LA BARRE

Dossier N°0903195030 du 19/03/09  
Né(e) le 04/10/95 soit 13 ans  
Prélèvement effectué au laboratoire  
Prélevé le 19/03/09 à 08h45

## HEMATOLOGIE

UNITS DE MESURE: SI UNITS

### HEMOGRAMME

1 France 8010001

#### NUMERATION GLOULAIRE

Leucocytes	13.360 /mm <sup>3</sup>	4.00 à 10.00
Hématies	4.050.000 /mm <sup>3</sup>	4.000 à 5.000
Hémoglobine	14,4 g/l	14,0 à 18,0
Hématocrite	41,3 %	39,0 à 51,0
V.C.M.	107 u3	91 à 104
C.C.M.H.	31,3 %	30,0 à 36,0
T.C.M.H.	39,6 uug	29,0 à 41,0

#### FORMULE SANGUINE

Polynucléaires Neutrophiles	61,0 %	5150/mm <sup>3</sup>	50,0 à 70,0
Polynucléaires éosinophiles	0,0 %	0/mm <sup>3</sup>	0,0 à 5,0
Polynucléaires basophiles	0,0 %	0/mm <sup>3</sup>	0,0 à 2,0
Lymphocytes	31,0 %	4102/mm <sup>3</sup>	18,0 à 40,0
Monocytes	8,0 %	1065/mm <sup>3</sup>	0,0 à 8,0

#### NUMERATION DES PLACQUETTES

	112.000 /mm <sup>3</sup>	150 à 400
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#### VITESSE DE SEDIMENTATION

1ère heure	11 mm
2ème heure	20 mm

BIOFREN - 8010001-0001-0001-0001

## CV Researcher

**Name:** Prof.Dr.Vichit Punyahotra MD., PHD.

**Education:**

- Doctor of Medicine (MD.)
- Doctor of Medical Science (D.sc.)
- American Board of Plastic Surgery
- (Duke U., U.S.A.)

**Experiences:**

- Professor and Chairman :  
Division of Plastic and Reconstructive Surgery  
Department of Surgery , Ramathibody Hospital  
Faculty of Medicine , Mahidol University
- Founder and Secretary General :  
National Safety Council of Thailand (NSCT)  
Office of the Prime minister

**Present status:**

- Emeritus Professor (Mahidol University Thailand)
- Advisory Professor :  
Faculty of Oriental Medicine  
Rangsit University – Thailand  
Faculty of Alternative Medicine  
Mae Fah Laung University .- Thailand
- President : Health Foundation
- President : Energy Medicine Club of (Thailand)

**Chairman :**

- Committer of Science & Technology,
- Resources and Environment
- National Economic & Social Advisory Council of Thailand

## C.V.Researcher

**Name:** Pol.Col. Vipasri Pipatphum  
**Education:** BSc.in Pharm – Faculty of Pharmacy  
Mahidol University  
MSc. in Pharm – Faculty of Pharmacy  
Chulalongkorn University

### **Experience :**

Former Quality Assurance Manager@Borneo Manufacturing Thailand

Former Chief of Parenteral Nutrition@Police hospital

Former Chief of R&D Police hospital

Former Royal Project Consultant (Phytonutrients)

Former Special Lecturer Faculty of Pharmacy Mahidol University.,  
Chulalongkorn University., Chiangmai University.,

Avisory board JVM Korea, Avisory board Fusion Excel Co.Ltd.,  
Malaysia

Pioneer pharmacist A4 M Thailand (American Anti Aging Association) Scientific steering committee in World Congress A4 M Conference (1<sup>st</sup>-3<sup>rd</sup>)

### **Present status :**

- Technocrat in Anti Aging@Thai Royal Academy
- Pioneer pharmacist in Alternative medicine@Police hospital
- Special lecturer in private University
- Rotary lecturer
- Health columnist expert
- Chief of Consultant Lemonad Winstar Co.
- Spa 4 Thai traditional massage Committee
- Researcher



"Management Team of Cats.Com (Thailand) Co., Ltd would like to be thankful for all savants in "Beta 1,3/1,6 Glucan in gel from black yeast" research team having confidence in our Beta Glucan under the name of Maho. This is the product which has been excellently successful in research and it's now ready to be an important tool for education and raise up all Thai quality of life.

Management Team extremely hope that this Beta Glucan Research will be the great usefulness for anyone interested and please kindly pass the advice how worth and how precious Beta Glucan 1,3/1,6 from black yeast is to your beloved for the purpose of making them being healthy forever."

*Cats*  
com

Management Team  
Cats.Com (Thailand) Co., Ltd