

樟芝のヒトに於ける効果

Human Experience of *Antrodia camphorata*

日本での使用経験

Human Experiences in Japan

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Antrodia camphorata

Human Experience of Antrodia camphorata (Acm) by Simpson Biotech Co. Ltd.

Sun R and D Institute for Natural Medicines

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Summary

I had an opportunity to use dry powder of Antrodia camphorata mycellia by Simpson Biotech Co. Ltd. in Japan as a health food. One cirrhosis patient has been taking capsules of Acm for around one year. He is severe alcoholic cirrhosis for over 10 years. He has been taking it from May in the last year. His hepatic and kidney function are improved. His ordinal daily activity has been getting better and his QOL is quite happy. I had a impressive experiences. It could have a potent anti colon polyp effect. Two gentlemen were diagnosed as colon polyp by endoscopic inspection. After the diagnose, they took Acm capsules for 3 weeks. Most of the polyps were disappeared. One lady had also same phenomenon. And one man had habitual colon polyp, therefore he had been taking the capsules for a few months before a medical inspection. In this year he had no surgical operation for the colon polyps.

These my experiences could explain something about the traditional use of Anatrodia caphorata in Taiwan.

肝硬変患者における樟芝の効果

Effect of ACm on Cirrhosis

[Disease history] 1997年：

- ◇ diagnosed as alcoholic cirrhosis
- ◇ hepatitis virus: negative,
- ◇ hospitalized by ascites, hepato- and spleno-megary
(肝、脾腫、腹水多量, 肝臓表面凹凸面)
- ◇ alcohol drinking habit for over 40years
(日本酒、5合/毎天、40年間)
- ◇ 「検査値」
GOT:60, GPT:21, γ -GTP:298,
Alb:2.7 Plt:7,5000/ μ l

Medicines for the treatment

- ・ ムコスタ錠 : gastritis、peptic ulcer 胃潰瘍
- ・ ラシックス錠 : furosemide 利尿作用
- ・ ザイロリック錠 : allopurinol 痛風、尿酸合成抑制
- ・ アルダクトン錠 : spironolactone 抗浮腫、Na排泄
- ・ リバークト顆粒 : 低albumin治療、肝機能改善
- ・ アズノール軟膏 : guaiasulene ointment 皮膚炎
- ・ キンダベート軟膏 : steroid ointment 皮膚炎
- ・ アルタットカプセル : roxatidine acetate 胃潰瘍、

These medicines could be selected for expecting hepatic and kidney function improvements.

Application of Acm as a health food

He has been taking the prescribed medicines for several years but his disease condition has not been improved. I was asked for something good.

I recommended Acm by Simpson Biotch Co. Ltd.

He was very pleased to take it (2capsulex2/day)

His ordinary daily activities were always in bed and walking was very hard. He took his meal at his bed side. He seldom or never took a walk out Side of the house.

Still he has some ascites and rough skin with deposit of pigments.

Improvement of his ordinary daily life and activities

One month after taking the capsules, he was not always in the bed and walked around in the house. He began to have his meal at the table.

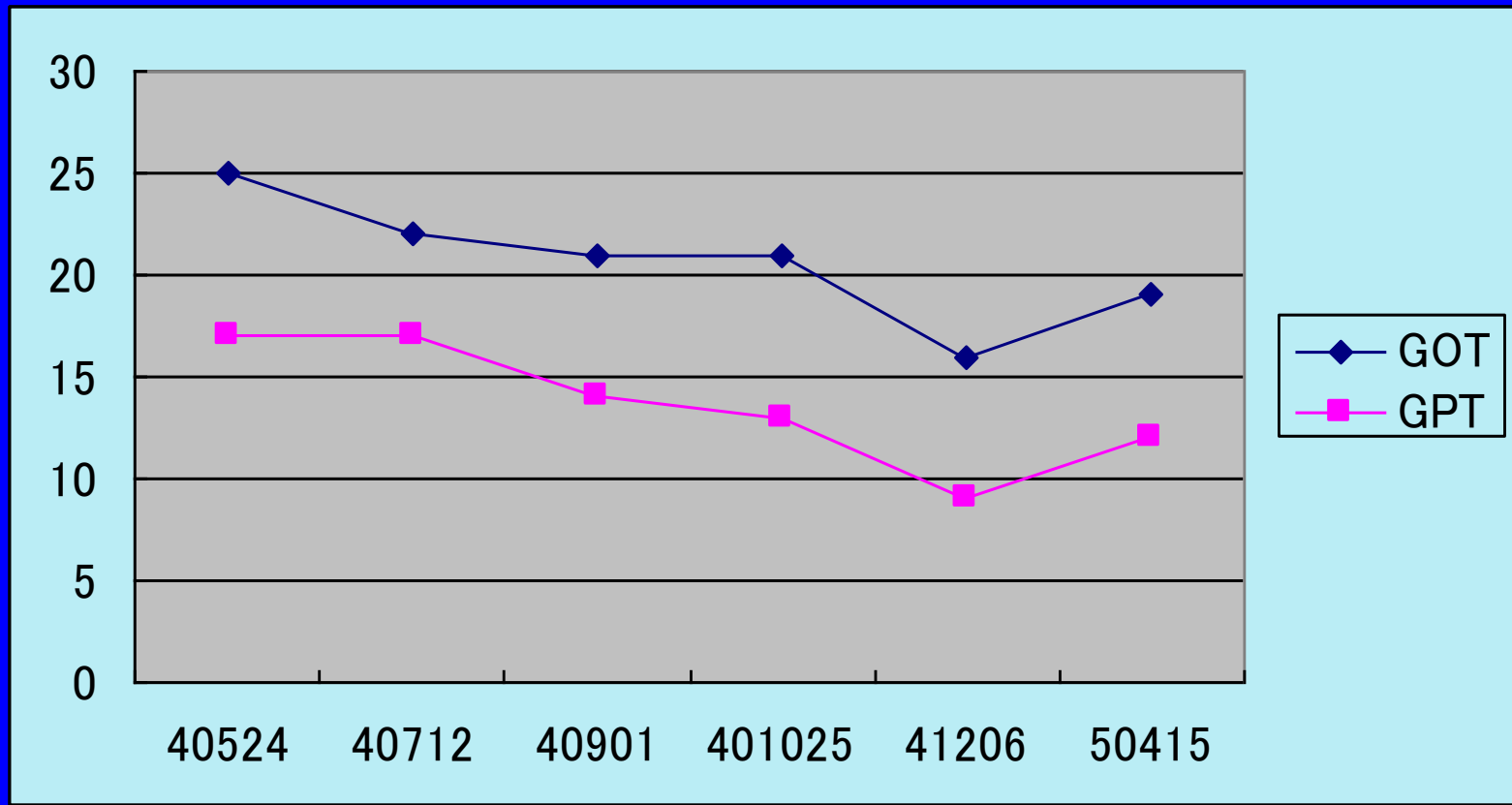
Three months after, he has been taking a walk around his house and he took a one night trip to a hot spring. Ascites was reduced.

Observing about his life in the last year, his daily activities has been changed very much to be vivid and his QOL improved very much.

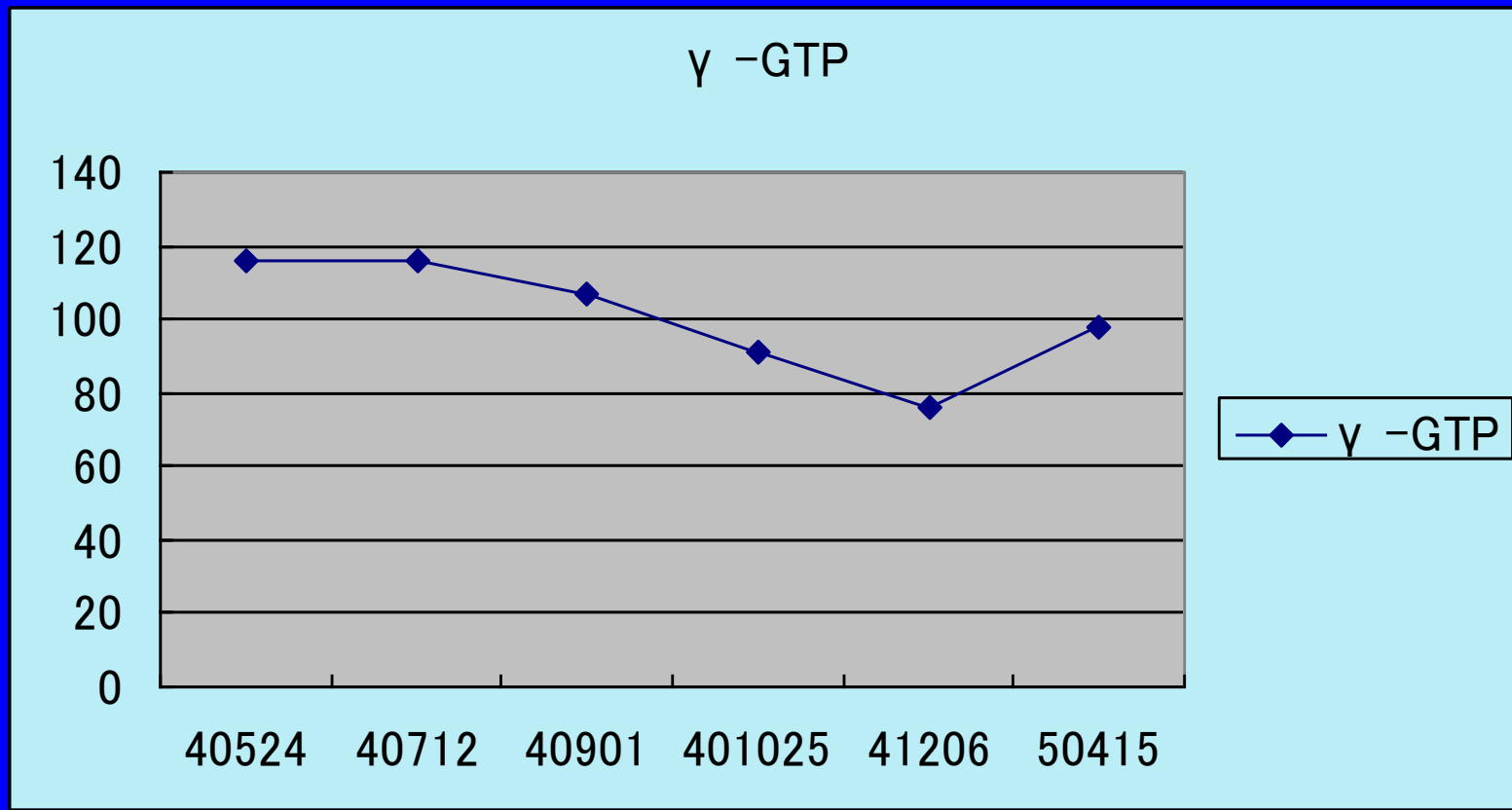
He has been enjoying his life, so far.

Unfortunately, now he has hepatoma, but he is fine.

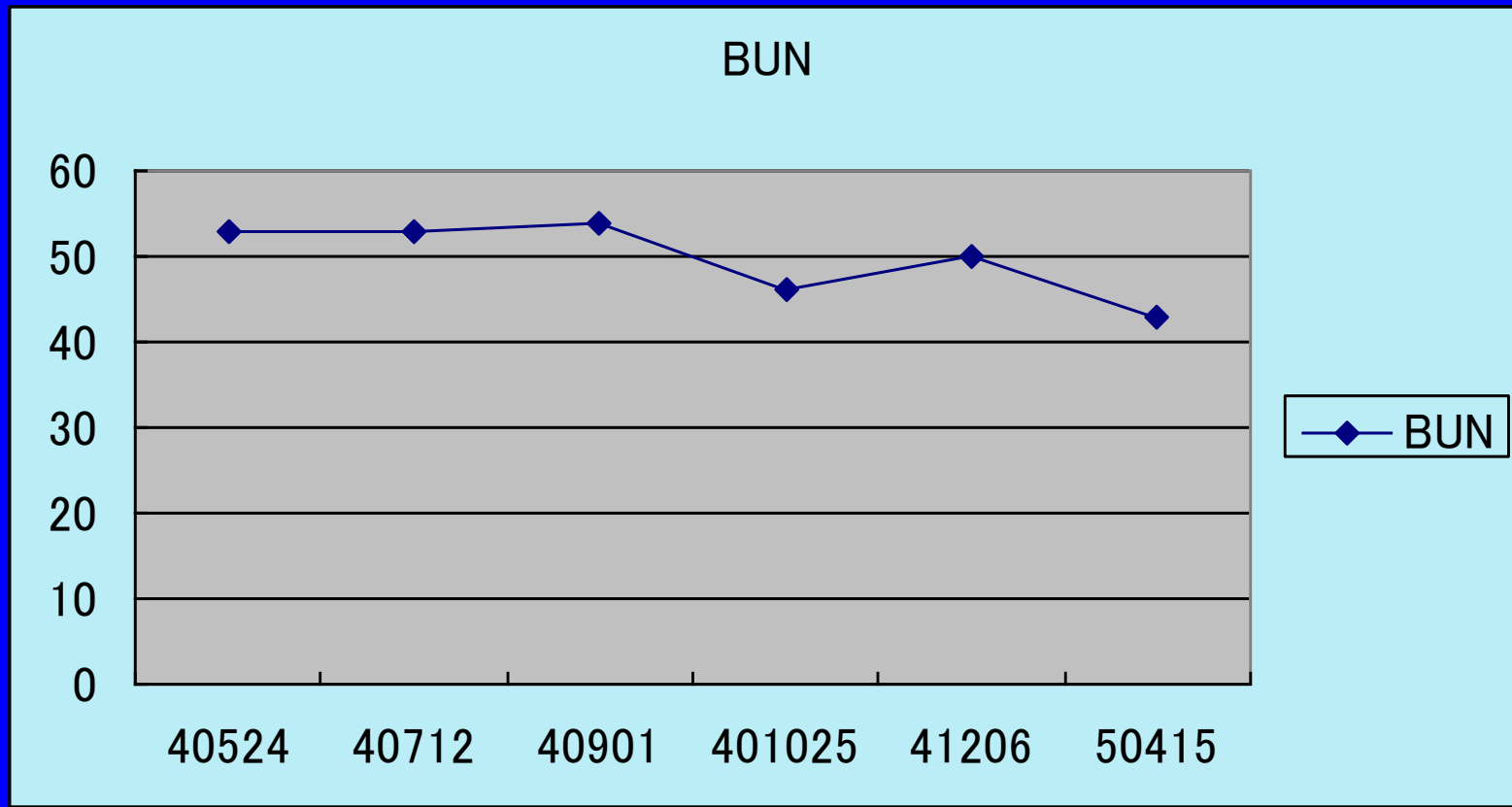
Changes of GOT and GPT



Change of γ -GTP



Change of BUN



Conclusion

Antrodia camphorata mycellia could be a useful health food for patients with progressed Cirrhosis to improve their QOL

No adverse reactions has been found for one year and a half after taking AcM capsules.

It could be a safe health food.

We need more precise and scientific studies in near future.

肝保護作用-苦味樟芝菌糸体-粗抽出物 マウス四塩化炭素(CCl₄)肝障害

●Weight : 20 ” 24 grams n/Group : 5

- ACM-Power : 1000, 300 or 100, 30 mg/kg (PO)
- CCl₄ : 0.1 mg/kg in 50% olive oil (PO)
- Animal : ICR Mice Gender : Male
- Measurements :
 - Serum Alanine Aminotransferase (ALT)
(traditional name as SGPT)
 - Serum Aspartate Aminotransferase (AST)
(traditional name as SGOT)
- Criteria : >30%

保護作用肝 - 苦味樟芝菌糸体
マウス四塩化炭素(CCl₄)肝障害に対する作用

Testing Procedure: (normally 3 doses)

ACM products were given onto ICR mice (n=5) orally at 30 minutes before, and 4, 8 hours after CCl₄ challenge for totally 3 doses. ALT and AST were analyzed 24 hours after CCl₄ via Autoanalyzer enzymatically.

保護作用肝 - 苦味樟芝菌糸体
マウス四塩化炭素(CCl₄)肝障害に対する作用

<u>Compound</u> <u>(Dec.%)</u>	<u>Route</u>	<u>Dose (mg/kg)</u>	<u>ALT</u>	<u>AST</u>
ACM-Powder	PO	1000 mg/kg x 3	20%	27%
ACM-Powder	PO	300 mg/kg x 3	17%	12%
Silymarin	PO	300 mg/kg x 3	43%	37%

保護作用肝 - 苦味樟芝菌糸体抽出物 マウス四塩化炭素(CCl₄)肝障害に対する作用

<u>Compound</u>	<u>Route</u>	<u>Dose</u>	<u>ALT</u>	<u>AST(Dec.%)</u>
ACM-Extract	PO	1000 mg/kg x 3	56%	42%
ACM-Extract	PO	300 mg/kg x 3	37%	27%
ACM-Extract	PO	100 mg/kg x 3	4%	0%
Silymarin	PO	300 mg/kg x 3	43%	37%