

Liver Cancer

At the time of the patient's initial visit, the patient was down to 148 lbs. at 5'8" and his blood pressure was 129/64.

- Liver and Lung Cancer
- 7 Lung Nodules
- Extensive Metastasis In Right Lobe Of Liver
- Diabetes
- Gallstones
- Quickly Losing Weight

08-09-05 The 70-year old patient presented shortly after being diagnosed with advanced malignant adenocarcinoma of the liver. A CT scan two months before his consultation showed extensive liver lesions and necrosis with almost the entire right lobe involved with metastatic disease and at least 7 nodules on the lungs measuring 1 cm or less. An abdominal ultrasound in July also located several gallstones. The patient did not respond to the first round of chemotherapy and treatments were immediately stopped. The patient was obviously under considerable emotional stress and had difficulty staying asleep, frequently waking with night sweats. He also suffered muscle weakness, trouble swallowing and a poor appetite. The patient was taking Coumadin, an anticoagulant for his artificial heart valve, Doxycycline for an infection in his breathing apparatus and Vicadin for pain. Due to the severity of this patient's condition, he was immediately given a supplement regimen and dietary recommendations based on his preliminary blood work to reduce stress on the liver, boost his immune system and optimize his health.

Results of Initial Blood Test:

Test Description	Date:	Current Result	Current Rating	Prior Result	Delta	Healthy	Clinical
Alkaline Phosphatase 25-150	08/10/2005	913.00	HI	610.00	⊕	65.00 - 108.00	25.00 - 160.00
LDH		918.00	HI	679.00	⊕	120.00 - 160.00	100.00 - 250.00
SGOT (AST) (AST)		163.00	HI	119.00	⊕	15.00 - 26.00	6.00 - 40.00
SGPT (ALT) (ALT)		59.00	HI	62.00	⊖	15.00 - 26.00	6.00 - 55.00
CA 19-9		4,163.00	HI	3,651.00	⊕	0.00 - 0.00	0.00 - 37.00
CEA				56.00		0.00 - 2.00	0.00 - 3.00

Blue = clinically very high or clinically very low

Red = clinically high or clinically low

Yellow = a little high or a little low; this can be considered a warning sign that the value is not optimal.

08-10-05 - The next day the patient retested one tumor marker and completed a tissue mineral analysis to provide an indication of the cancer's rate of progression. This test was a revelation of the severity of the case: In just 11 days, the CA-19 had jumped 512 points! Several toxic elements, deficiencies and imbalances appeared in the hair test, most notably high levels of aluminum, lead and mercury. These toxic elements can create a significant load on the immune system and also deplete several essential elements like calcium and magnesium which aid the body with healing and repair.



The patient's daily supplement list was updated based on the test results and the patient followed the new regimen exactly as it was written. About two weeks after his initial consultation, he felt well enough that he decided to retry chemotherapy treatment. Doctor's placed him on a low dose chemo and he continued to take all the recommended supplements.

09-19-05 A more thorough blood analysis was run that not only re-checked cancer markers but also revealed how his system was dealing with the chemotherapy. In just one month there were astounding results with the CA 19-9 (a cancer marker) plunging 3,802 points! Other areas also showed amazing improvement such as the Alkaline Phosphatase, LDH and SGOT which all dropped out of the clinically very high ranges. The Glucose which read 254 on the preliminary blood work in July dropped to 117, nearing the healthy range. The patient also brought in the latest CT scan of his chest which showed multiple nodules had disappeared from the lungs and the three or four that remained were much smaller. A second scan of his abdomen indicated a decrease in metastatic liver disease on both the right and left lobes. At this point, the cancer was still widespread but noticeably less extensive.

Results of Second Blood Test:

Test Description	Date:	Current Result	Current Rating	Prior Result	Delta	Healthy	Clinical
Glucose	09/19/2005	117.00	HI			80.00 - 95.00	65.00 - 99.00
Hemoglobin A1C (Gly-Hgh)		6.30	HI			4.61 - 5.40	4.50 - 5.70
Magnesium		1.90	lo			2.21 - 2.51	1.60 - 2.60
Calcium		9.60	lo			9.71 - 10.10	8.50 - 10.60
Phosphorus		4.10	hi			3.41 - 4.00	2.50 - 4.50
Calcium/Albumin Ratio		2.82	HI			2.10 - 2.50	2.03 - 2.71
Total Protein		6.10	lo			7.11 - 7.61	6.00 - 8.50
Albumin		3.40	LO			4.10 - 4.51	3.50 - 5.50
Alkaline Phosphatase 25-150		321.00	HI	913.00	☺	65.00 - 108.00	25.00 - 160.00
Creatine Kinase		35.00	lo			64.00 - 133.00	24.00 - 173.00
LDH		268.00	HI	918.00	☺	120.10 - 160.00	100.00 - 250.00
SGOT (AST)		52.00	HI	163.00	☺	18.10 - 26.00	6.00 - 40.00
SGPT (ALT)		46.00	HI	59.00	☺	18.10 - 26.10	6.00 - 40.00
GGT		270.00	HI			22.00 - 39.00	6.00 - 55.00
Serum Iron		82.00	lo			85.10 - 120.00	35.00 - 155.00
Ferritin		2,118.00	HI			30.10 - 218.30	10.00 - 291.00
White Blood Count		3.30	LO			5.10 - 8.00	4.00 - 10.50
Red Blood Count		4.01	lo			4.51 - 5.50	3.80 - 5.60
Hemoglobin		12.30	lo			13.30 - 15.20	11.50 - 17.00
Hematocrit		35.60	lo			39.51 - 47.00	34.00 - 50.00
ESR-Erythrocyte Sed Rate, Westerg		37.00	HI			0.00 - 8.00	0.00 - 30.00
CRP C-Reactive Protein		20.70	HI			0.00 - 1.50	0.00 - 4.90
CA 19-9		361.00	HI	4,163.00	☺	0.00 - 0.00	0.00 - 37.00
CEA		6.20	HI			0.00 - 2.00	0.00 - 3.00

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11-05-05 After just three months under care, the patient's CA 19-9 showed dramatic results plunging from 4,163 to just 128. Other cancer indicators like the Alkaline Phosphatase, AST and ALT also continuously improved moving out of the clinically very high ranges. The LDH went up slightly but is still significantly lower than in August. Overall, 29 values improved between September 19th and November 5, 2005.

Results of Third Blood Test:

Test Description	Date:	Current Result	Current Rating	Prior Result	Delta	Healthy	Clinical
	11/05/2005			09/19/2005			
Glucose		130.00	HI	117.00	☹	80.00 - 95.00	65.00 - 99.00
Hemoglobin A1C (Gly-Hgh)		5.80	HI	6.30	☺	4.61 - 5.40	4.50 - 5.70
Magnesium		1.90	lo	1.90	☺	2.21 - 2.51	1.60 - 2.60
Calcium		9.00	lo	9.60	☹	9.71 - 10.10	8.50 - 10.60
Phosphorus		3.80	Opt	4.10	☺	3.41 - 4.00	2.50 - 4.50
Calcium/Albumin Ratio		2.43	Opt	2.82	☺	2.10 - 2.50	2.03 - 2.71
Total Protein		5.90	LO	6.10	☹	7.11 - 7.61	6.00 - 8.50
Albumin		3.70	lo	3.40	☺	4.10 - 4.51	3.50 - 5.50
Alkaline Phosphatase 25-150		178.00	HI	321.00	☺	65.00 - 108.00	25.00 - 160.00
Creatine Kinase		76.00	Opt	35.00	☺	64.00 - 133.00	24.00 - 173.00
LDH		388.00	HI	268.00	☹	120.10 - 160.00	100.00 - 250.00
SGOT (AST)		43.00	HI	52.00	☺	18.10 - 26.00	6.00 - 40.00
SGPT (ALT)		29.00	hi	46.00	☺	18.10 - 26.10	6.00 - 40.00
GGT		212.00	HI	270.00	☺	22.00 - 39.00	6.00 - 55.00
Serum Iron		69.00	lo	82.00	☹	85.10 - 120.00	35.00 - 155.00
Ferritin		567.00	HI	2,118.00	☺	30.10 - 218.30	10.00 - 291.00
White Blood Count		4.70	lo	3.30	☺	5.10 - 8.00	4.00 - 10.50
Red Blood Count		3.49	LO	4.01	☹	4.51 - 5.50	3.80 - 5.60
Hemoglobin		12.10	lo	12.30	☹	13.30 - 15.20	11.50 - 17.00
Hematocrit		35.20	lo	35.60	☹	39.51 - 47.00	34.00 - 50.00
ESR-Erythrocyte Sed Rate, Westerg		28.00	hi	37.00	☺	0.00 - 8.00	0.00 - 30.00
CRP C-Reactive Protein		6.40	HI	20.70	☺	0.00 - 1.50	0.00 - 4.90
CA 19-9		128.00	HI	361.00	☺	0.00 - 0.00	0.00 - 37.00
CEA				6.20		0.00 - 2.00	0.00 - 3.00

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Some of the values that were worse can be attributed to the cancer treatment. Low protein, poor digestion and anemia account for the others. The patient's night sweats were gone; he no longer had difficulty swallowing and was off the prescriptions Doxycycline and Vicadin. He also started to gain weight and was up to 145 lbs. The patient brought in results from the latest abdomen and chest CT scans and no new lesions were identified on the lungs. Doctors also found no growth in nodules on the liver indicating that the cancer was stable. There was no change in the patient's gallstones. At this time, the patient was still undergoing chemotherapy and doctors told him that radiation and surgery to remove the remaining cancer were not possibilities.



Final Results:

When this patient was first seen in August of 2005, he was close to death. He was placed on a start-up vitamin list based on the severity of his condition and ordered additional blood testing to help fine tune his nutrient and dietary recommendations to include exactly what his system needed to fight off the liver and lung cancer. The patient started feeling better almost immediately and shortly thereafter decided to resume chemotherapy treatment. By November his cancer marker dropped a total of 4,035 points and the nodules on his lungs and liver had either disappeared or significantly decreased in size. One of the main reasons this patient was driven to battle the disease and in turn saw such amazing results was a great family support system. They understood the gravity of the situation and encouraged him to stick to his diet and keep up with the recommended supplements. Was the chemotherapy of benefit? It's unknown. The patient was feeling better and his oncologist recommended continuing with chemotherapy. The patient was seen for the last time in January of 2006. He was feeling very good, had gained a little more weight and had a steady energy level. Unfortunately, he never returned for follow up or continued treatment. It is unclear when he quit, modified or reduced the supplements recommended or his diet, but he died a year later. The belief is that chemotherapy weakens the immune system and when the cancer returns it becomes more virulent and less responsive to the chemo and radiation. Doctors then resort to stronger doses of drugs resulting in more damage to the patient's immune system. This is why it's typically the third or fourth rounds of cancer that patients are unable to survive. No two cancer patients are the same and patients who have a relapse may be placed on a different supplement regimen than they had for the first diagnosis. To efficiently ward cancer out of the body, it is important to test and retest to ensure the body is consistently getting healthier. Even though this patient did not survive, he and his family were blessed with a few extra months of quality living together. The testing, supplement regimen, and diet are not a cure for cancer and it was not treating this patient's cancer. His body already knew how to fight the disease and by determining what was deficient, imbalanced, dysfunctional or toxic and correcting it with the proper diet and vitamins, his body was then able to defeat the cancer. As the body gets healthier, it's amazing what can happen.