



## Encouragement from a Patient

One of my patients was enrolled in a research trial examining the utility of HepQuant tests in measuring liver function in the chronic liver disease, primary sclerosing cholangitis. He was tested with HepQuant-SHUNT. The test compounds for SHUNT are given simultaneously, both intravenously and orally, and blood samples are obtained at 5, 20, 45, 60, and 90 minutes after administration of the compounds. He had the test done twice within a few days. Recently I had the opportunity to discuss his SHUNT results, all of which demonstrated excellent liver function. Here is what he had to say about the test experience and what the results meant to him.

*"... this work will favorably impact the diagnosis and treatment of liver disease. I believe that this approach to assessing liver patients is so big and meaningful that it is hard for most people to see the true significance of this type of testing. The SHUNT test provides the Hepatology community with an ability to answer the most pivotal question that enables a quantum leap in assessment, treatment, and expected outcomes in liver disease, "Quantitatively, and reliably, how is the patient's liver functioning? This is as basic and powerful as it is presently unavailable."*

*"It is said you can't manage what you can't measure. Providing the key missing metric of overall liver function offers the platform for advances in liver disease management that will fundamentally change the practice of liver medicine. This will be a huge transformation, and its prospective impact is so big and profound that it is hard to grasp."*

When I met with this patient to review the SHUNT results, he produced a spreadsheet of his liver blood tests (standard laboratory tests) that he had taken over the course of 25 years. It was his opinion that the information he gained from the SHUNT test was superior and more valuable than all the previous blood tests.

It is the goal of HepQuant LLC to provide superior, safe, reliable, noninvasive tests for measuring liver function and improve the management of all patients with liver disease. We continue to work towards this goal.

DISCLAIMER. *"SHUNT is designed to assess liver blood flow, the portal circulation, and hepatic function using natural compounds (those found in your body) labeled with stable (NOT radioactive) isotopes. HepQuant tests, STAT, FLOW, and SHUNT, are research tools; they have not been approved by the US Food and Drug Administration (FDA). HepQuant LLC makes no claims as regards the validity of STAT, FLOW, or SHUNT in the assessment or management of patients. Test results should not and cannot be used or relied upon for purposes of clinical decision making or clinical treatment."*