

Non-invasive FibroScan®

Hong Kong Baptist Hospital offers a non-invasive investigation services for hepatic patients. The non-invasive FibroScan® performed by the professional and experienced hepatogastrologist who deliver high quality investigations to the patients.

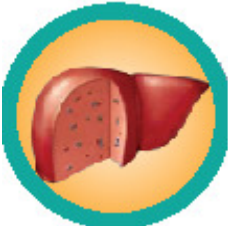
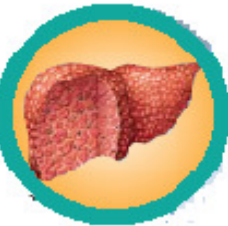

What are the common liver diseases in Hong Kong?

Chronic Hepatitis B, fibrotic Liver an Liver cirrhosis are commonly seen liver diseases in Hong Kong.

Liver cirrhosis, liver failure or even liver cancer may be caused by Hepatitis B or C, Diabetes Mellitus, fatty liver, alcoholism, overweight or adverse effect of drugs.



The Change of Liver Disease

	<p>Infection of liver No signs and symptoms, requires regular check up in every 6 months.</p>
	<p>Fibrotic Changes No obvious signs and symptoms, but may require medical treatment and frequent follow up.</p>
	<p>Cirrhosis of Liver Signs and symptoms are obvious. In this stage, the key is to control the status in order to prevent liver cancer from its serious complications.</p>

Can blood tests, ultrasonography help?

The status of infected liver and viral antigens, antibodies can be detected by blood tests; ultrasonography can help to figure out severe cirrhosis.

However, the blood level of liver enzymes cannot reflect the stage of fibrotic change. In Hong Kong, 34% of patients with normal reading in liver function tests and liver enzymes are told to have severe liver fibrosis.

FibroScan[®] vs Liver biopsy

	FibroScan [®]	Liver Biopsy
Method	It measures the stiffness by first generating an elastic shear wave which is harmless to human body from the probe to the tissue.	Obtain liver tissue by penetrating a biopsy needle into liver. Tissue is analyzed by pathologist by computerized microscope.
Duration	5-10 minutes	15 minutes. May need hospitalization.
Results	immediate	3 to 4 weeks
Risk	NO	1/3000 chance of bleeding
Accuracy	Detects 80% for severe fibrosis 90% for cirrhosis	Golden standard for assessment of liver fibrosis.
Disadvantages	Not applicable for obese or narrow ribs space clients Cannot determine the status of liver infection	Due to risk of bleeding, cannot be done in short period of time Worsen tissue may not be obtained.
Conclusion	Non invasive, painless, high accuracy	Current standard

For booking and enquires, please call our Specialist Clinics at 2339 7200.