

## Remarks of Dr. Ting on Mr. C

Hello,

I am Dr. Kai-Ting Ting. I am a practicing physician of internal medicine, and a gastroenterologist in a teaching hospital of Taiwan. In response to the patient's legal representative's request, I examined the case report with corresponding CT images of November 30, 2020, of Mr. C's case.

My observations and assessment are as follows:

- 1. Part of his liver left lateral lobe is absent. Specifically: segment 2 and segment 3 are missing.**
- 2. An increase in size of the liver tissue is observed in segment 4 and the right hepatic lobe. This enlargement is likely associated with the regeneration of liver tissue after partial hepatic lobectomy.**
- 3. The 3D reconstructed CT show bumpy tissue on upper and lower sides of left hepatic lobe. Examination of the shape and characteristics of these bumpy tissues suggests they are likely scar tissue from cutting of liver parenchyma. Condition such as Liver Cirrhosis, Hepatic Fibrosis, Chronic Hepatitis, Budd-Chiari Syndrome may cause bumpy liver surface, but these usually led to systemic changes affecting the whole liver. In this patient, only a portion of the liver is involved. Other possible causes such as liver tumor or liver abscess are not found in this patient's history. And clinical observation and examination by doctors in the US do not indicate any of these conditions. Thus, all these potential causes other than surgical scars have been excluded.**

If there are other questions about Mr. C's condition, please feel free to contact me.

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大家好，

我是台灣的丁楷庭醫師。目前在一所教學醫院服務。是一位內科主治醫師，同時也是一位胃腸肝膽內科醫師。2023年11月底我受到程先生法律代表的委託，檢視了程先生的醫療報告、其中包括了一些、在2020年11月30號做的、電腦斷層影像及重組影像。

我的觀察與評估如下：

1. 部分肝臟左外葉缺失。具體來說：用8小葉的分法是原本第2小葉和第3小葉遺失。
2. 肝臟的第四小葉及肝臟右葉體積都有增大。這些增大可能是部分肝臟左側葉切除後所帶來的肝組織相應的再生有關。
3. 3D重組電腦斷層影像顯示肝臟左葉的局部、部分表面是凹凸不平的。這些凹凸不平的表面很可能是手術後留下的疤痕組織所造成。因為一般造成肝臟表面凹凸不平的問題，像肝硬化、肝纖維化、慢性肝炎、巴德-吉亞利症候群等，通常都會造成整個肝臟的系統性變化，應該整個肝臟表面都會是凹凸不平的，而不會只有局部。而程先生的影像只有局部肝臟左葉的表面是凹凸不平。另外，像是肝腫瘤或肝膿瘍這些情形，程先生的病史並沒有記載相關紀錄。在美國臨床醫師的觀察及檢查報告

中也沒有看到這些情況。所以，造成肝臟左葉局部表面凹凸不平很可能的原因還是來自於先前的手術。

如果對程先生的病情還有其他疑問，請隨時與我聯絡。