

# 鹿谷鄉社區性肝癌篩檢初步簡報

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## Screening for Liver Cancer in Luh-Guu Township

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In 1986, a community-based screening for liver cancer in Luh-Guu township was carried out by the National Yang-Ming Medical College under the support of the Council of Agriculture. Concentration of alpha-fetoprotein (AFP) in dried blood sample on filter paper was tested in 1,740 (72.5%) male inhabitants aged 40 to 69. Among these, the test was positive (AFP >=20ng/ml) in 21 cases (1.21%). A follow-up diagnosis with AFP, liver function test, and ultrasonography was

performed, and 4 cases of hepatocellular carcinoma were found with the size ranging from 1.4 to 5 cm in diameter. All of the 4 cancer cases were successfully operated. The prevalence rate of liver cancer was 0.23% for age group 40-69 male in Luh-Guu township. 16 out of total 17 non-cancer positive cases were diagnosed as other liver diseases and they were considered as high risk group for liver cancer and were periodically followed up thereafter.

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