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**Manuscript Type:** ORIGINAL ARTICLE

*Retrospective Cohort Study*

**Comparison of survival between adolescent and young adults and the older patients with hepatocellular carcinoma**

Jie Ren, Yingmu Tong, Ruixia Cui, Zi Wang, Qinglin Li, Wei Liu, Kai Qu, Jingyao Zhang, Chang Liu, Yong Wan

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Advanced hepatocellular carcinoma in adolescent, young adults a



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## Advanced Hepatocellular Carcinoma in Adolescence ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3617980>

**Hepatocellular carcinoma (HCC)** is a rare **tumour in young adults**. In **older patients**, common predisposing conditions include **cirrhosis** in general, and in particular **chronic liver disease** associated with persistent **hepatitis B** and C infection.

**Cited by:** 2

**Author:** Morten Ladekarl, Gerda Elisabeth Villad...

**Publish Year:** 2013

## What is Fibrolamellar? - Fibrolamellar Cancer Foundation

<https://fibrofoundation.org/learn/what-is-fibro> ▾

Fibrolamellar (**fibro-la-mel-lar**) **Hepatocellular Carcinoma** is a rare **liver cancer** that usually occurs in adolescents and young adults who have no history of liver disease. Patients typically present with symptoms which may include abdominal, shoulder or back pain, loss of appetite, weight loss, jaundice, and occasionally a palpable mass. The typical treatment is surgical removal ...

FAQ · Faces of Fibrolamellar

## What is Fibrolamellar? - Fibrolamellar Cancer Foundation

<https://fibrofoundation.org/about-fibro/what-is-fibro> ▾

Fibrolamellar (**fibro-la-mel-lar**) **Hepatocellular Carcinoma** is a rare **liver cancer** that usually occurs in adolescents and **young adults** who have no history of liver disease.

## Approach to pediatric hepatocellular carcinoma - Walther ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/cld.260>

Oct 30, 2013 · **Hepatocellular carcinoma (HCC)**, while rare in childhood, is the second most common pediatric liver malignancy and commonly presents in school age and **adolescent children**.

1 As in **adults**, HCC may occur in the setting of **chronic hepatocyte injury** caused by cholestatic liver, metabolic and viral (**hepatitis B** and C) diseases, or de novo without an antecedent history ...

**Cited by:** 5

**Author:** Ashley Walther, Greg Tiao

**Publish Year:** 2013

## Is the prognosis of young patients with hepatocellular ...

<https://www.ncbi.nlm.nih.gov/pubmed/19012042>

**BACKGROUND:** **Hepatocellular carcinoma (HCC)** is uncommon in **young adults**. This study examined the clinical characteristics and **survival outcome** of **young HCC patients** compared with those in **older patients**.  
**METHODS:** Data were prospectively collected from 638 **patients** ...

**Cited by:** 51

**Author:** Pik-Eu Chang, Wai-Choung Ong, Hock-Foon...

**Publish Year:** 2008

## Clinicopathological comparison of resectable ...

<https://www.ncbi.nlm.nih.gov/pubmed/9316327>

Clinicopathological **comparison** of resectable **hepatocellular carcinoma** between the **young** and the **elderly patients**. Ou LH(1), Chau GY, Tsay SH, Chiu JH, Wu JC, King KL, Loong CC, Wu CW, Lui WY. Author information: (1)Department of Surgery, Veterans General Hospital-Taipei, Taiwan, R.O.C.

**Cited by:** 10

**Author:** Ou Lh, Chau Gy, Tsay Sh, Chiu Jh, Wu Jc, Ki...

**Publish Year:** 1997

## Survival among adolescents and young adults with cancer in ...

<https://onlinelibrary.wiley.com/doi/abs/10.1002/ijc.28231>

Additionally, we also provide an age-specific **survival comparison** between the two countries. In 2002–2006, for the overwhelming majority of the more than 30 types of cancer examined, **AYA patients** aged both 15–29 and 30–39 years had higher or similar **survival** than **patients** ...

**Cited by:** 23

**Author:** Adam Gondos, Eva Hiripi, Bernd Holleczeck, ...

**Publish Year:** 2013

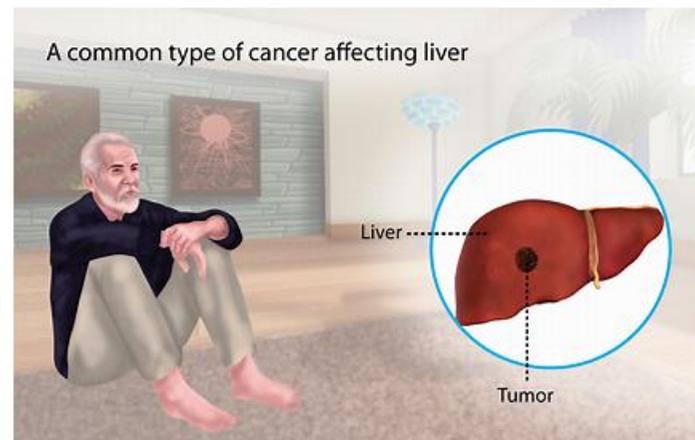
## Prognostic Nomogram for Hepatocellular Carcinoma in ...

<https://pubmed.ncbi.nlm.nih.gov/29290957>

**Background:** **Hepatocellular carcinoma (HCC)** was rarely discussed in **adolescent and young adult (AYA) patients**. This study aimed to discuss the character of **AYA HCC patients** and establish an effective prognostic nomogram for **patients** after hepatectomy.

## Hepatocellular Carcinoma

Medical Condition



The most common form of liver cancer often seen in people with chronic liver diseases like cirrhosis.

-  Rare (Fewer than 200,000 cases per year in US)
-  May be preventable by vaccine
-  Often requires lab test or imaging
-  Treatment from medical professional advised
-  Can last several months or years

Caused mainly due to the chronic infection of the liver or DNA mutation of the liver cells. Characterized by unexplained weight loss, upper abdominal pain and yellowing of the skin. Treatment options include hepatectomy, target drug delivery and the use of radiation to kill the cancerous cells.

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### [Comparison of the survival and tolerability of ...](#)

<https://www.sciencedirect.com/science/article/pii/S0168827813003565>

Oct 01, 2013 · Introduction. **Hepatocellular carcinoma** (HCC) is the fifth most common cancer in the world and its incidence is increasing , particularly in the elderly population, defined in this paper as those over the age of 70 years , , .As the life expectancy improves within the general population, discussions on the best way to manage ageing HCC **patients** have become increasingly relevant.

**Cited by:** 81**Author:** Rita Golfieri, José Ignacio Bilbao, Livio C...**Publish Year:** 2013

### [Survival Analysis of Hepatocellular Carcinoma: A ...](#)

<https://pubmed.ncbi.nlm.nih.gov/26112722>

Survival Analysis of **Hepatocellular Carcinoma**: A Comparison Between Young Patients and Aged Patients Age is a risk factor to determine the prognosis of patients with HCC. Aged patients who have good liver functional reserve are still encouraged to receive curative therapy. Age is a risk factor to determine the prognosis of patients with HCC.

**Cited by:** 9**Author:** Xin-Sen Xu, Wei Chen, Run-Chen Miao, ...**Publish Year:** 2015

### [Clinicopathological comparison of resectable ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/9316327>

Clinicopathological **comparison** of resectable **hepatocellular carcinoma between** the **young** and the elderly **patients**. Ou LH(1), Chau GY, Tsay SH, Chiu JH, Wu JC, King KL, Loong CC, Wu CW, Lui WY. Author information: (1)Department of Surgery, Veterans General Hospital-Taipei, Taiwan, R.O.C.

**Cited by:** 10**Author:** Ou Lh, Chau Gy, Tsay Sh, Chiu Jh, Wu J...**Publish Year:** 1997

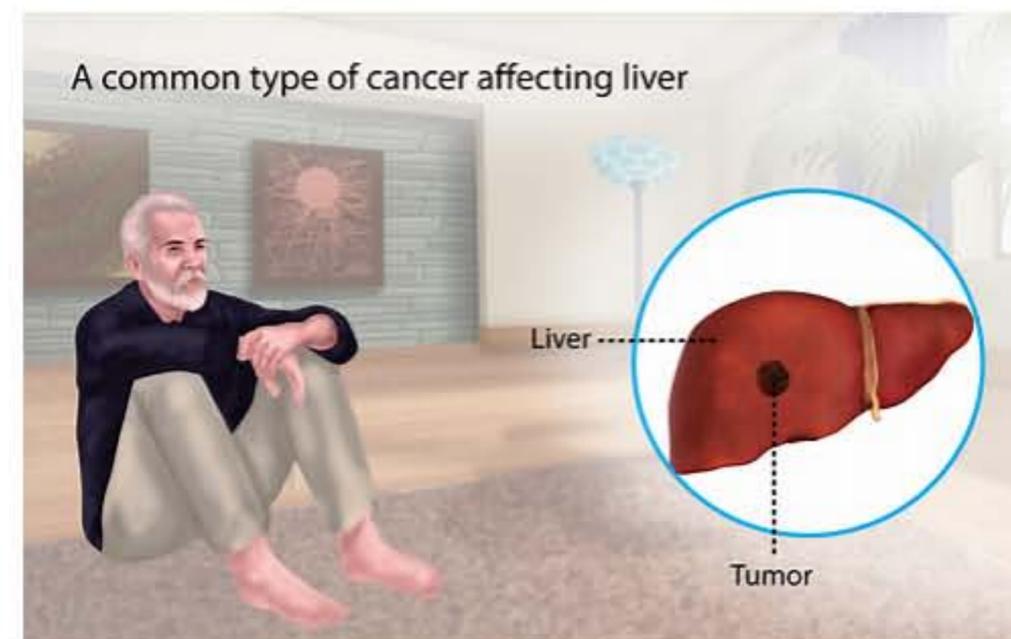
### [Is the prognosis of young patients with hepatocellular ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/19012042>

More young patients were eligible for surgical resection (18.2% vs. 8.2%, P = 0.014). **The overall survival between the two groups was similar, but when the patients were stratified for stage of disease, the median survival of young patients with early disease was superior to that of older**

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### Symptoms