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**Proton therapy for hepatocellular carcinoma: Current knowledge and future perspectives**

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### Abstract

Hepatocellular carcinoma (HCC) is the second leading cause of cancer-related death, as few patients can be treated with currently available curative local modalities. In patients with HCC where curative modalities are not feasible, radiation therapy (RT) has emerged as an alternative or combination therapy. With the development of various technologies, RT has been increasingly used for the management of HCC.

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## Current and future treatments for hepatocellular carcinoma - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4515831/> - [翻译此页](#)

作者: A Schlachterman - 2015 - 被引用次数: 64 - [相关文章](#)

2015年7月28日 - We also discuss the **radiation** modalities: conformal radiotherapy, yttrium 90 microspheres and **proton** and heavy ion radiotherapy. ... Core tip: **Hepatocellular carcinoma** (HCC), depending on the stage, has several **treatment** options including surgery, radiotherapy and biological agents such as Sorafenib.

## Future perspectives in hepatocellular carcinoma. - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/20547319> - [翻译此页](#)

作者: MA Wörns - 2010 - 被引用次数: 71 - [相关文章](#)

These approaches bear the potential to individualize anticancer **therapy**, in the end allowing **treatment** of those benefiting most and excluding those who do not. This article shortly reviews the **current knowledge** in the management of HCC and provides insights into **future perspectives** with a special focus on recent progress ...

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## Future perspectives for hepatocellular carcinoma - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2020599/> - [翻译此页](#)

作者: W Lau - 2003 - 被引用次数: 23 - [相关文章](#)

The aim of this article is to survey the **current** status of the field and, on the basis of **current knowledge**, to make predictions for the next decade. Five facets of HCC are identified that impact on **future** directions in the management of the disease: epidemiology, prevention, screening, diagnosis and **therapy**. Go to: ...



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作者 : M Ikeda - 2017 - 被引用次数 : 1 - 相关文章

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## Current Standard and Future Perspectives in Non-Surgical Therapy for ...

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作者 : T Eggert - 2017 - 被引用次数 : 4 - 相关文章

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## [PDF] Immunotherapy for Hepatocellular Carcinoma: Current Status and ...

<https://pdfs.semanticscholar.org/.../9ca0bba2e49639852a726f385d70766fc4...> - 翻译此页

作者 : Y Sawada - 2013 - 被引用次数 : 5 - 相关文章

Current Status and Future Perspectives ... For most patients with advanced hepatocellular carcinoma (HCC), surgery with curative intent or a ... This chapter aims to overview current knowledge concerning



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