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Prognostic role of artificial intelligence among patients with hepatocellular cancer: A systematic review

Lai Q *et al.* Artificial intelligence and hepatocellular carcinoma

Quirino Lai, Gabriele Spoletini, Gianluca Mennini, Zoe Larghi Laureiro, Diamantis I Tsilimigras, Timothy Michael Pawlik, Massimo Rossi

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The emerging roles of artificial intelligence in cancer ...

<https://www.sciencedirect.com/science/article/pii/S0753332220304479>

Aug 01, 2020 · 3.2. AI and chemotherapy. In the field of **cancer** chemotherapy, AI focuses more on the response between drugs and **patients**. The main application achievements of AI include management of chemotherapy drug use, prediction of chemotherapy drug tolerance and optimization of chemotherapy program [, ,].AI can perfect and accelerate the optimization process of combined chemotherapy.

Cited by: 1

Author: Guosheng Liang, Wenguo Fan, Hui Luo, ...

Publish Year: 2020

Artificial Intelligence in Cancer Staging: Limitless ...

<https://link.springer.com/article/10.1245/s10434-019-08182-1> ▾

Jan 03, 2020 · Of these findings, perhaps only ALBI will be unfamiliar to some practitioners; it is a metric for assessing liver function that was originally defined in **patients with hepatocellular** carcinoma but was recently shown to be **prognostic** in ICC as well by the current Study Group.^{2,3} Based on these four criteria, operative **patients** could be ...

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Artificial intelligence in gastric cancer: a systematic review

<https://pubmed.ncbi.nlm.nih.gov/32613386>

Objective: This study aims to systematically **review** the application of **artificial intelligence** (AI) techniques in gastric **cancer** and to discuss the potential limitations and future directions of AI in gastric **cancer**. Methods: **A systematic review** was performed that follows the Preferred Reporting Items for **Systematic** Reviews and Meta-Analyses (PRISMA) guidelines.

Cited by: 1

Author: Peng Jin, Xiaoyan Ji, Wenzhe Kang, Yang Li...

Publish Year: 2020

Exploring new pathways in the treatment of hepatocellular ...

<https://atm.amegroups.com/article/view/42787/html> ▼

Chen W, Ma T, Zhang J, et al. **A systematic review** and meta-analysis of adjuvant transarterial chemoembolization after curative resection for **patients with hepatocellular** carcinoma. HPB (Oxford) 2020;22:795-808. Mehta N, Bhangui P, Yao FY, et al. Liver Transplantation for **Hepatocellular** Carcinoma.

MRI Assessment of Hepatocellular Carcinoma after Local ...

<https://pubs.rsna.org/doi/10.1148/rycan.2020190024>

Jan 31, 2020 · Nearly 80% of cirrhotic **patients** diagnosed with **hepatocellular** carcinoma (HCC) are not eligible for surgical resection and instead undergo local-regional treatment. After therapy for HCC, **patients** undergo imaging surveillance to assess treatment efficacy and identify potential sites of progressive tumor elsewhere within the liver.

Author: Mishal Mendiratta-Lala, William R. Mas...

Publish Year: 2020

Application of artificial intelligence methods in vital ...

<https://www.sciencedirect.com/science/article/pii/S1568494620305500>

1. Introduction. The extent of studies using **artificial intelligence** (AI) is gradually changing the landscape of biomedical and healthcare research (both in hospital and home environments). Machine learning (ML)



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Artificial Intelligence in Cancer Staging: Limitless ...

<https://link.springer.com/article/10.1245/s10434-019-08182-1> ▾

Jan 03, 2020 · Of these findings, perhaps only ALBI will be unfamiliar to some practitioners; it is a metric for assessing liver function that was originally defined in **patients with hepatocellular carcinoma** but was recently shown to be **prognostic** in ICC as well by the current Study Group.^{2,3} Based on these four criteria, operative **patients** could be ...

Author: John W. Kunstman **Publish Year:** 2020

Changes in prognostic factors for patients with ...

<https://atm.amegroups.com/article/view/43527/html> ▾

Peng et al. performed a systematic review to compare the **prognostic** ability of **ALBI score** versus Child-Pugh class in **patients with HCC**. They found that ALBI grade showed better than Child-Pugh class for **predicting** the **prognosis in patients with HCC**. However, it remains unclear if ALBI grade has higher predictive ability than Child-Pugh class in **predicting** overall survival of **patients** with **HCC** underwent ...

Artificial intelligence in gastric cancer: a systematic review

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Cited by: 1 **Author:** Peng Jin, Xiaoyan Ji, Wenzhe Kang, Yan...

Publish Year: 2020

Myosteatosi and prognosis in cancer: Systematic review ...

<https://www.sciencedirect.com/science/article/pii/S1040842819302252>

Jan 01, 2020 · This **systematic review** and meta-analysis evaluated the **prognostic** implications of intramuscular adipose tissue infiltration (myosteatosi) in adults with **cancer**. An important finding is that the quality of evidence between myosteatosi and mortality varied across different types of neoplasia.

Cited by: 7 **Author:** G.F.P. Aleixo, S.S. Shachar, K.A. Nyrop, ...

Publish Year: 2020

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