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Retrospective Cohort Study
Comparison of hyperthermic intraperitoneal chemotherapy regimens for treatment of peritoneal-metastasized colorectal cancer

 Spiegelberg J *et al.* HIPEC treatment in peritoneal-metastasized CRC

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Abstract
BACKGROUND

Cytoreductive surgery (CRS) in combination with hyperthermic intraperitoneal chemotherapy (HIPEC) improves patient survival in colorectal cancer (CRC) with peritoneal carcinomatosis (PC). Commonly used cytotoxic agents include mitomycin C (MMC) and oxaliplatin. With studies reporting varying results, the evidence for the choice of the HIPEC agent and uniform procedure protocols is limited.

AIM

 To evaluate therapeutic benefits and complications of CRS + MMC *vs* oxaliplatin

Match Overview

Match Number	Source	Words	Similarity
1	Crossref	111 words Glatz, T., P. Bronsert, M. Schäfer, B. Kulemann, G. Marjanovic, O. Sick, U.T. Hopt, K. Zirlik, F. Makowiec, and J. Ho	2%
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[Perioperative intraperitoneal chemotherapy for peritoneal ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1481500>

In summary, this review focused on the **perioperative intraperitoneal chemotherapy** currently used for the **treatment of peritoneal surface malignancy** at the Washington **Cancer Institute**. There is a need to standardize the **treatment regimens** and consider incorporating **perioperative intraperitoneal chemotherapy** not only in the management of biopsy proven carcinomatosis, but also in the **treatment** ...

Cited by: 18

Author: Tristan D Yan, Oswald A Stuart, Dal Yo...

Publish Year: 2006

[Comparison of two bidirectional hyperthermic ...](#)

https://ascopubs.org/doi/abs/10.1200/jco.2014.32.3_suppl.628

Jan 31, 2017 · 628. Background: Cytoreductive surgery (CRS) and **hyperthermic intraperitoneal chemotherapy** (HIPEC) became part of many national and international **treatment** guidelines as an additive therapeutic option for selected patients with **colorectal** peritoneal metastasis. Multiple HIPEC **regimens** are used regarding cytotoxic agents, concentration, perfusion time and other ...

Author: Gabriel Glockzin, Michael Gerken, ...

Publish Year: 2014

[Treatment of peritoneal surface malignancies with ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4900847>

Jun 09, 2016 · The combination of cytoreductive surgery (crs) and intraoperative **hyperthermic intraperitoneal chemotherapy** (hipec) has successfully been used as locoregional **treatment** for selected patients with ptc from gastric, **colorectal**, and ovarian **cancer**; with mesothelioma; and with pseudomyxoma peritonei.

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Publish Year: 2016



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Cited by: 24 **Author:** J. Spiliotis, E. Halkia, E. de Bree
Publish Year: 2016

Metastatic Colorectal Cancer: Survival Comparison of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4083005>

The liver is the most common metastatic site of **colorectal cancer**. 1,2 Hepatic metastases (HM) is present in 25 % of patients at the time of diagnosis, 3–6 and 35–55 % of patients will develop HM after primary **colorectal** resection 6–8 and over half of **colorectal cancer** patients will develop HM during their lifetime. 9 In patients with resectable HM, median survival (OS) between 30 and 74 ...

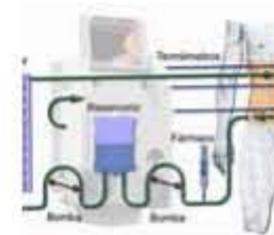
Cited by: 15 **Author:** Aaron U. Blackham, Gregory B. Russell, ...
Publish Year: 2014

Cytoreductive surgery and hyperthermic intraperitoneal ...

<https://onlinelibrary.wiley.com/doi/full/10.1002/cncr.25116>

Sixty-seven consecutive patients underwent cytoreductive surgery combined with **hyperthermic intraperitoneal** chemoperfusion procedure and systemic **chemotherapy** for metastatic **colorectal cancer**. The control group was selected by a review of the institutional multihospital **cancer** registry and

Hyperthermic intraperitoneal chemotherapy



ioterapia intraperitoneal hipertérmica

Intraperitoneal hyperthermic chemoperfusion is a type of hyperthermia therapy used in combination with surgery in the treatment of advanced abdominal cancers. In this procedure, warmed anti-cancer medications are infused and circulated in the peritoneal cavity for a short period of time. The chemotherapeutic agents generally infused during IPHC are mitomycin-C and cisplatin.

Wikipedia

Data from: Wikipedia

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