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Successful treatment of a high-risk nonseminomatous germ cell tumor using etoposide, methotrexate, actinomycin D, cyclophosphamide, and vincristine: Case report

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Abstract

BACKGROUND

Choriocarcinoma is an infrequent entity and the most aggressive subtype of germ-cell tumors. Because of early metastatic spread and rapid disease progression, choriocarcinoma patients display poor prognosis. Although etoposide, methotrexate,

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Non-Gestational Choriocarcinoma with Widespread ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5903105>

Mar 14, 2018 · *Case Report.* A 39-year-old woman presented with type 1 respiratory failure with a 1-month history of breathlessness. Computed tomography (CT) revealed **widespread metastatic disease** involving the lungs, liver, pancreas, and breast. Serum β ...

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Author: Louisa Stockton, Elizabeth Green, Balje...

Publish Year: 2018

Choriocarcinoma with brain metastasis after term pregnancy

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6211910>

However, the total number of cases for this **treatment regimen** is small, and there is no comparative study **using the EMA-CO regimen**, so more **case data** are needed to prove its effectiveness. The patient in this **report** received this chemotherapy and showed ...

Author: Liang Song, Qingli Li, Rutie Yin, Danq... Publish Year: 2018

Metastatic choriocarcinoma to the lumbar spine: Case ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4258720>

There are few cases of choriocarcinoma metastases to the spine that have been reported. Most occurrences are in women with the gestational form of the tumor, and these now exhibit a very high remission rate with **chemotherapeutic treatment**, typically circumventing the **need for spinal surgery**.

Cited by: 1

Author: Jesse Skoch, Kelly Kobylanski, Jeffrey ...

Publish Year: 2014

Successful management of nongestational ovarian ...

<https://www.sciencedirect.com/science/article/pii/S0147027220300040>

Aug 01, 2020 · *Introduction.* Nongestational ovarian **choriocarcinoma (NGOC)** accounts for <1% of ovarian germ cell tumors, which occur most frequently in adolescents and young females and occasionally in postmenopausal women. 1, 2, 3 Pure NGOC is rarer than a mixed subtype, 4 and is probably the most aggressive type of germ cell tumor, with rapid progression and distant **metastasis**.

Author: Hongfa Peng, Hongfa Peng, Lei Li, Ya... Publish Year: 2020

(PDF) Developing retroperitoneal anaplastic carcinoma with ...

https://www.researchgate.net/publication/234101195_Developing_retroperitoneal



Successful treatment of a high-risk nonseminomatous germ cell tun



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Case report - ncbi.nlm.nih.gov

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4704359>

Newlands ES, Bagshawe KD, Begent RJH, Rustin GJ, Holden L. Results with EMA/CO (**etoposide**, **methotrexate**, **actinomycin D**, **cyclophosphamide**, **vincristine**) regimen in **high-risk** gestational trophoblastic tumors (1979–1989) Br J Obstet Gynecol. 1991; 98:550–557.

Cited by: 3

Author: Song Zhang, Hui Gao, Xin-an Wang, Bin ...

Publish Year: 2014

Successful management of nongestational ovarian ...

<https://www.sciencedirect.com/science/article/pii/S0147027220300040>

Aug 01, 2020 · Later, the patient received 3 cycles of EMA/CO chemotherapy (100 mg/m² **etoposide** on days 1-2, 300 mg/m² **methotrexate** [MTX] on day 1, 0.5 mg/kg **actinomycin D** on day 1-2; then, 12 hours after the last dose of MTX, four doses of 15 mg methyltetrahydrofolate were given to rescue the MTX; this **treatment** was followed by 600 mg/m² **cyclophosphamide** ...

Author: Hongfa Peng, Hongfa Peng, Lei Li, Ya... Publish Year: 2020

Malignant mixed ovarian germ cell tumor composed of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6190639>

Case report. The patient is a 34-year-old woman diagnosed with ovarian mixed **germ cell tumor** after cesarean section. On February 17, 2017, her ultrasonography at 36 weeks' gestation showed a complex solid and cystic mass (18×2×1.5 cm) located between spleen and the anterior inferior part of left kidney.

Author: Yao Wang, Jia-Xin Yang, Mei Yu, Don... Publish Year: 2018

Salvage chemotherapy with methotrexate, etoposide and ...

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[Case report - PubMed Central \(PMC\)](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4704359>

Aug 25, 2014 · Newlands ES, Bagshawe KD, Begent RJH, Rustin GJ, Holden L. Results with EMA/CO (**etoposide**, **methotrexate**, **actinomycin D**, **cyclophosphamide**, **vincristine**) regimen in **high-risk** gestational trophoblastic tumors (1979–1989) Br J Obstet Gynecol. 1991; 98:550–557.

Cited by: 3 **Author:** Song Zhang, Hui Gao, Xin-an Wang, Bin ...

Publish Year: 2014

[GAMEC – a new intensive protocol for untreated poor ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2360316>

Jul 31, 2007 · There is no consensus as to the management of untreated poor prognosis or relapsed/refractory **germ cell** tumours. We have studied an intensive cisplatin-based regimen that incorporates high-dose **methotrexate** (HD MTX) and **actinomycin-D** and **etoposide** ...

Cited by: 23 **Author:** J Shamash, T Powles, W Ansell, J Stebbi...

Publish Year: 2007

[Successful management of nongestational ovarian ...](#)

<https://www.sciencedirect.com/science/article/pii/S0147027220300040>

Aug 01, 2020 · (A and B) were taken on the second day (October 27, 2018) of first cycle of **actinomycin D** and **etoposide** (AE). (C and D) were taken on December 17, 2018, after 2 cycles of AE and 2 cycles of chemotherapy with transvenous **etoposide**, **methotrexate** and **actinomycin D/cyclophosphamide** and **vincristine** (EMA/CO) and intrathecal **methotrexate** (MTX).

Author: Hongfa Peng, Hongfa Peng, Lei Li, Ya... **Publish Year:** 2020

[Salvage chemotherapy with methotrexate, etoposide and ...](#)

https://www.researchgate.net/publication/45819865_Salvage_chemotherapy_with...

The objective of the present study was to assess the use of salvage chemotherapy using **methotrexate**, **etoposide** and **actinomycin D** (MEA) in men with **nonseminomatous germ cell tumor** (NSGCT) with a