

トピックス

地域医療における学生教育と健康増進活動

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エディトリアル

造血幹細胞移植における移植前処置の現況

原 雅道

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原 著

当院における全身放射線照射に関する検討

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Summary

Total body irradiation (TBI) has played a pivotal role in hematopoietic stem cell transplantation (HSCT). From July 2006, we started TBI in our institute. The objective of this study was to investigate the outcome of patients treated with TBI, and to review the incidence of radiation pneumonitis. Between July 2006 and May 2010, 24 patients were treated. HSCT was effective in 23 patients; however, 7 out of these patients have since died from infection, graft-versus-host-disease, or other reasons. There was no radiation pneumonitis in any of the patients. Our treatment method of TBI was tolerable to the patients who underwent HSCT.

Key Words : total body irradiation, radiation pneumonitis, hematopoietic stem cell transplantation

症例報告

造影超音波にて診断しえた肝炎症性偽腫瘍の1例

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Summary

A 61-year-old male with a past history of hospitalization for schizophrenia was referred to our hospital for space-occupying lesions in the liver in December 2010. He was suffering from a fever of 39 degrees. Laboratory data showed normal liver function except for a slightly elevated ALP, and a negative serology for hepatitis B and C. A routine examination with conventional ultrasonography disclosed an irregular hypoechoic tumor with 5 cm diameter in the hepatic right lobe. By the contrast-CT and MRI examinations, the margin of the tumor was enhanced. Based on these results, we suspected a metastatic tumor or cholangiocarcinoma. In contrast-enhanced ultrasonography 20 seconds after a rapid injection of the contrast agent, arteries in the marginal area of the tumor

were enhanced, then a slight enhancement extended into the center of the tumor. The enhancement continued for 30 seconds after the injection. Subsequently, contrast-enhanced ultrasonographics indicated several enhanced spots in the post-vascular phase. Ultrasound-guided percutaneous needle biopsy revealed the infiltration of inflammatory cells, fibroblastic hyperplasia, and fibrosis. Immunohistological staining indicated the infiltration of CD 138 positive cells. From these findings, we were able to diagnose inflammatory pseudotumor. Contrast-enhanced ultrasonography was useful for the differential diagnosis with the inflammatory pseudotumor.
Key Words : inflammatory pseudotumor, contrast enhanced ultrasonography, enhancement in several spots

長期間のピルジカインド処方中に一過性の心電図異常を示した高齢者の1例

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Summary

An 85-year-old woman was admitted to our hospital because of anacathesia and a sense of exhaustion. Two years ago, a DDDR mode permanent cardiac pacemaker was implanted for symptomatic sinus bradycardia, and oral administration of Pilsicainide was initiated for treating paroxysmal atrial fibrillation. On admission, her ECG showed an increase of QRS width (140 msec) and incomplete right bundle branch block. About 6 hours after an oral administration of Pilsicainide (50 mg), her ECG revealed remarkable prolongation of PR interval (420 msec) and further increase of QRS width (200 msec). Laboratory data on admission showed mild renal dysfunction and an elevated serum concentration of Pilsicainide (1.36 µg/ml). It was thought mild renal dysfunction caused high concentration of Pilsicainide, which induced a transient ECG abnormality. Cessation of Pilsicainide administration promptly improved these abnormal findings on the ECG. Because elderly patients are prone to develop renal dysfunction due to various causes, close attention should be taken when administering antiarrhythmic drugs.

Key Words : elderly patient, antiarrhythmic drug, transient ECG abnormality

妊孕性温存治療後に排卵誘発にて双胎妊娠成立し、分娩後子宮全摘術を施行した子宮体癌 Ia 期の1例

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Summary

For the last few decades, early uterine endometrial cancer and endometrial atypical hyperplasia have been increasing among women aged 40 or younger. The women desiring for baby might demand the fertility-sparing treatment. In this paper, we reported a case of the uterine body cancer stage Ia, treated with a fertility-sparing management with repeated endometrial curettages and progestin enforcement and a postpartum hysterectomy after cesarean delivery of twin pregnancy resulted from ovulation induction.

Key Words : endometrial carcinoma, atypical endometrial hyperplasia, fertility-sparing treatment

研究会抄録

愛媛脳神経外科懇話会第 102 回学術集会

愛媛医学 30(4):228-231, 2012

第 125 回愛媛整形外科集談会

愛媛医学 30(4):232-235, 2012

第 46 回愛媛臨床血液懇話会

愛媛医学 30(4):236-238, 2012

第 20 回愛媛肝臓外科研究会

愛媛医学 30(4):239-242, 2012