

## トピックス

### 自然環境中の微生物がリザーブする病原遺伝子に関する研究

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### 画像診断の進歩について

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愛媛大学大学院生体画像応用医学分野

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## 臨床経験録

### Vascular Lab確立—今後の循環器科医には必須のアイテム

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#### Summary

We examined the number of invasive and non-invasive examinations performed by cardiologists at Saiseikai Saijo Hospital during the past 10 years. We educated a special ultrasonographer from 2004, and established a Vascular Laboratory in 2007. We also organized a cardiology team in 2007, with the special ultrasonographer, a technical expert of cardiac rehabilitation, a technical expert of radiation, and expert nurses. In this article, we summarize the process of establishing a Vascular Lab and organizing a cardiology team for the benefit of future cardiologists. The number of invasive and non-invasive examinations/interventions gradually increased. In the future, we should organize the cardiology team to include special ultrasonographers, technical experts of cardiac rehabilitation, technical experts of radiation, and expert nurses.

Key Words : Vascular Lab. Ultrasonographer, co-medical, Collaboration, team

## 症例報告

### 進行結腸癌手術10年後に回腸横行結腸吻合部静脈瘤出血をきたした1例

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#### Summary

We are reporting a very rare case of variceal bleeding occurring in the colon-ileal anastomosis of an 0-year-old female 10 years after the right half of the colon had been resected due to advanced colon cancer. We performed hemostasis of the varication with hemostatic clips and a colonoscope, but bleeding occurred again 2 months later, so we removed the diseased area surgically. The postoperative outcome was good. The varication broke out along an anastomotic region and the anastomosis operation and postoperative adhesion were estimated to be this successful way because there was no portal hypertension. This was an extremely rare complication of

the lower gastrointestinal tract.

Key Words : anastomotic region varication, digestive organs varication, colon cancer

### **低Na血症を契機に発見されたEmpty Sellaによる汎下垂体機能低下症の1例**

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愛媛医学 28(4): 196-201, 2009

#### Summary

A 72-year old woman who complained of nausea, headache, and fatigue was admitted to our hospital. She was diagnosed with hyponatremia and was hospitalized. Endocrinological examinations and MRI results revealed hypopituitarism due to empty sella. After she was medicated with 5 mg/day of hydrocortisone, serum levels of sodium normalized. Hypopituitarism of empty sella is a rare and critical illness, therefore we report this case.

Key Words : hypopituitarism, empty sella, hyponatremia

### **重度歯周病による咬合崩壊患者に対してインプラントを利用したフルマウスリコンストラクションを行った1例**

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Due to recent advances in biomaterial technology, treatment of missing teeth by use of a dental implant becomes popular, however there remain problems to apply the technique in the treatment of severe periodontitis. This is because oral hygiene is usually poor in these patients. Furthermore, such patients often suffer from poor oral function in their daily lives. In this report, we presented a case of severe periodontitis who was successfully treated by full mouth reconstruction utilizing dental implant.

Key Words : Full mouth reconstruction, Dental implant, Severe periodontitis

### **皮膚進展を伴った肛門部悪性黒色腫の1例**

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愛媛医学 28(4): 206-210, 2009

#### Summary

Anorectal malignant melanoma is a rare type of tumor with a poor prognostic. We are reporting a case of anorectal malignant melanoma which spread to the epidermis. The patient was an 81-year-old woman with a black anal tumor, 15 mm in size, and with a black cutaneous lesion approximately 2cm from the tumor. An endorectal MRI showed a high T1 low T2 intensity tumor located on the anterior wall of the anal canal. The internal sphincter muscle was maintained. Malignant melanoma was diagnosed by biopsy. We performed abdominoperineal resection with bilateral inguinal lymph node dissection. Microscopic findings revealed that pleomorphic or spindle-shaped pigmented cells had infiltrated into the internal sphincter muscle and spread to the epidermis. S-100 staining was positive. Finally, we diagnosed this tumor as anorectal malignant melanoma with spreading to the epidermis. Postoperative adjuvant therapy was not done. The patient is alive and has been without a recurrence for 12 months.

Key Words : Anal cancer, Anorectal melanoma, Surgery

## 研究会抄録

### 第42回愛媛臨床血液懇話会

愛媛医学 28(4):211-212, 2009

### 愛媛病理研究会記録

愛媛医学 28(4):213-215, 2009

### 第9回愛媛 NST(栄養サポートチーム)研究会

愛媛医学 28(4):216-218, 2009

### 第117回愛媛整形外科集談会

愛媛医学 28(4):219-221, 2009