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### トピックス

#### 新規腎機能マーカーシスタチンCを用いた薬物投与設計への応用

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### サルコペニア

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愛媛医学 31(3):118-122, 2012

### エディトリアル

#### 医療を生活資源に～医療崩壊地域での糖尿病地域連携による地域づくり～

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愛媛医学 31(3):123-125, 2012

### 臨床研究と日本の将来

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愛媛医学 31(3):126-127, 2012

### 原 著

#### 医療崩壊と糖尿病の地域医療連携—八幡浜糖尿病連携サークル—

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#### Summary

In order to combat medical collapse in our area, we established a regional medical cooperation program for diabetic patients. This study began with 391 patients, corresponding to 46.8% of patients with diabetes who are managed in our hospital. Three years have elapsed, and 63.1% will continue with the program, with the majority of the 23.4% who declined to continue occurring in the first two years. Mean HbA1c was continually and satisfactorily maintained at around 7.0%. We also conducted a survey to investigate patient satisfaction, and 79% had a positive opinion about this initiative. Therefore, we believe this method to be an effective way to solve problems, such as the sharing of patient medical information in a uniform way throughout the region. Due to this program, the annual number of visits per patient with diabetes in our hospital's outpatients diabetes clinic in reduced by half. The majority of cases who remained in the hospital after the start of the cooperation program were transferred to specialized hospitals. We consider regional cooperation for diabetes patients a useful

measure against medical collapse, and provides balance that enables local medical clinics to treat diabetes.

Key Words : diabetes mellitus, Regional medical cooperation, medical collapse

### 当科外来患者におけるパーキンソン病オッズと血清尿酸値の相関

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#### Summary

Urate, the major antioxidant in serum, has been shown in several studies to correlate with a lower incidence and slower development of Parkinson's disease (PD). To determine whether serum urate level is associated with the odds ratio of PD on an out-patient clinic basis, we conducted a trans-sectional analysis of 373 PD patients. We found that serum urate level significantly correlates with PD odds. A higher urate level was related to a lower PD odds ratio. The odds ratio of the highest quantile group of serum urate against the lowest quantile is 0.23 (95% CI : 0.11-0.48). These results may reflect urate's protective effect against Parkinson's disease.

Key Words : Neuroprotective agents, Oxidative stress, Parkinsonism

### 症例報告

#### 梗塞を伴い扁平上皮化生を認めた乳腺嚢胞内乳頭腫の1例

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#### Summary

A 50-year-old woman visited our hospital with a complaint of pain and abnormal nipple discharge from her left breast. A tumor, 3 cm in diameter, was palpated in the BE region of the left breast. Mammography revealed a high-density mass, which was cystic, associated with intracystic hypo-echoic lesion by ultrasonography. The tumor was suspected to be intracystic papilloma following a fine needle aspiration cytology, but diagnosis was not definite, due to the presence of necrotic cells. Accordingly, a tumorectomy was performed. Following histopathology, the tumor was found to be intracystic papilloma with focal pseudoinvasion and squamous metaplasia, which is associated with infarction.

Key Words : Intracystic papilloma, squamous metaplasia, infarction

### 青壮年急死症候群(ポックリ病)の1剖検例～(NT-proBNPの測定)

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#### Summary

NT-proBNP levels (believed to be an indicator of heart failure) were measured in autopsy material from a 35-year-old man who died of sudden unexpected death syndrome (pokkuri death syndrome).

Histopathological examination revealed no lesions that could have been responsible for his death, and immunohistochemical staining for myoglobin (MB) showed MB leakage from cardiac myocytes, and its deposition in the stroma. NT-proBNP levels in the subclavian vein, femoral vein, and right ventricle were in the normal range

(<125 pg/mL), but levels in the left atrium were somewhat higher. Since NT-proBNP levels varied with the site of blood collection, further study appears to be needed. Despite the preconception that, in the case of sudden cardiac death, NT-proBNT levels should increase due to decreased cardiac function and different types of cardiac overload, this may not be the case with a so-called arrhythmic death, such as pukkuri death syndrome (PDS) and Brugada syndrome.

Key Words : NT-proBNP, Sudden unexpected death syndrome, Autopsy

#### 研究会抄録

##### 第4回愛媛脊椎脊髄病セミナー

愛媛医学 31(3):146-148, 2012

##### 愛媛脳神経外科懇話会第104回学術集会

愛媛医学 31(3):149-152, 2012

##### 第128回愛媛整形外科集談会

愛媛医学 31(3):153-155, 2012