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The Relationship between the Changes of Intralymphocyte Cycllc Nucleotide, Ca^{2+} and the Cardiac Function in Patients with Congestive Heart Failure Treated by China-Made Amrinone

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Intralymphocyte cyclic nucleotide and Ca^{2+} contents were studien in 20 patients with refractory congestive heart failure before and after treatment with China- made amrinone, and cardiac index was measured by thermodilution technique simultaneously. cAMP and Ca^{2+} contents were markedly elevated in a similar time course to that of the increase in cardias indes during treatment of amrinone. Before and after amrinone treatment both cAMP and Ca^{2+} were positively correlative with cardiac index. These results indicated that amrinone wxerts its positive inotropic effect possibly by augmenting cAMP and Ca^{2+} contents in myocardial cells.

Key words: China-Made amrinone

川东地区658名老年干部体检情况

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我科于1985年11月至1988年11月为重庆、涪陵及万县地区干部(含离、退休者及工程技术人员)健康体检，现将患病情况分析如下：

1　一般资料与结果

全部受检人员经详细询问病史、临床各科体检、三大常规、血生化、血糖、血脂、肝肾功能试验、HBsAg、AFP、CEA、胸片、肝胆脾肾B超，同位素肾图、心电图、二级梯运动试验、脑血流图，部分人员根据病史作了颈、胸、腰椎照片，胃肠钡餐，胃镜、结肠镜、支气管镜，肺功能，左心功能，心脏B超，心向量，脑诱发电位，CT等。共检查2179名，其中60岁以上658名，占体检数的30%，男性633名，女性25名，其结果最常见的疾病为动脉硬化，488例，占74.16%；慢性支气管炎343例，占52.12%，白内障238例，占36.17%；肺气肿234例，占35%；颈椎骨质增生195例占29.63%，高脂血症186例，占28.26%，冠心病140例，占21.27%；高血压98例占14.89%；腰椎骨质增生92例，占13.92%；前列腺肥大89例，占13.52%，以上疾病均在10%以上，另查出癌肿17例，其中肺癌6例，膀胱癌5例，甲癌2例，结肠癌2例，肝癌2

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Changes of SynaPse in Lamina III of Rat Spinal Cord during Axonal Reinnervation: A Quantitative Ultrastructural Study

Li Bingcang, et al. (Research Institute of Surgery Third Military Medical College)

Using quantitative EM technique, the changes of synapse in Lamina III of rat spinal cord were studied on the animal model of spared dorsal root (L 4). The results indicated that number of synapse (Nv) was declined significantly at day 4 after operation. At day 35 after operation, number of simple terminal around the dendrite increased, also, compound terminal was oberserved more easily. Compound terminal often made more than one synaptic connection with the same dendrite, whose membrane was shorter. The level of synapse in damaged area recovered to the normalby means of this. The authors suggest that axons coming from spared root not only replaced degenerated one by forming simple terminal but also reinnervate their target cell.

Key words: axonal reinnervation; quantitative EM

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例，皆为中期癌。据牛氏报告[1]，以肺气肿为多见，其次为胆道疾病，脑血管疾病，是否因地区关系与本文不同。各种疾病的患病率只是粗略的数据。因有的脏器未能全部检查，如胃未能全部作胃镜，故可能有遗漏，因而确切的患病率可能还高些。

2 体 会

随着离、退休干部的逐渐增加，老年保健任务也相应加重。通过查体发现的某些疾病，进一步如何处理非常重要，不能只管查，不管防治。我们对所查出的疾病均采取了以下措施：（1）急需住院者相应分流到各有关科室治疗（包括手术）；（2）某些慢性疾病回原单位或本地区门诊治疗，并向其讲解如何防治；（3）某些疾病需随访者，定期来科复查。

通过健康体检，粗略看出川东地区老年干部的各种患病情况，并针对每个人所患疾病给予相应处理，无疑对老年干部健康长寿有益。

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