บทคัดย่อ การประชุมวิชาการประจำปีครั้งที่ 7 สมาคม เภสัชวิทยาแห่งประเทศไทย

EFFECTS OF CADMIUM CHLORIDE ON ISOLATED RAT HEPATOCYTES

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The cytotoxic effects of cadmium chloride was studied in isolated rat hepatocytes. Cadmium chloride appeared to have the direct toxic effects on plasma membrane integrity as shown by the leakage of cytoplasmic enzymes and intracellular potassium. The metabolic capability of isolated cells was also affected by cadmium chloride. There was the sign of inhibition on carbohydrate metabolism especially the gluconeogenesis. These toxic effects of cadmium chloride were dose-related and could be detected as early as 30 minutes of incubation.

combination of two untiredists, expresspending and proposed of a methyentitie and programmed significantly depressed the positive observings of clients of Sair on the right atria. The percentage of the reduction in 
teff sirial isometric contraction and similar to whose produced by elshar 
deproduptation of softwargide alone. The positive chromotropic and inctropic effects of Sair in reserving of the positive chromotropic and inctropic effects of Sair in reserving to the positive days) were alignify less than those observed in non-surplinised 
accutive days) were alignify less than those observed in non-surplinised 
tota. However, exprendentaline or methysorgide describing ty reduced the 
positive chronocrapic effects which algorificantly differed from non-securit 
named sais.

It is concluded that S-H: mediatesthe positive chronotropic and tratiapping effects on isolated fat right and self attra respectively by different mericantums. The effect on right arris may be due to the embianed direct effect on both receptor and indicot risect which is most likely the release of creecholates from the adrenergic nerve in right arris. The most live the receptor is mainly due to a direct arrice of 5-H1 and loss not involve endowings categholating ratese.