[Clinical study on prophylaxis of diacetyl-glucaro-(1-4) (6-3) dilactone for recurrence of bladder cancer].

[Article in Japanese]
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Abstract

In order to investigate the effect of Diacetyl-glucaro-(1-4) (6-3) dilactone to prevent post-operative recurrence of bladder cancer, we estimated the recurrent rate of 34 patients who were diagnosed as having bladder cancer and treated by several surgical methods and oral administration of the drug in our hospital during 1971 and 1980. The following results were obtained: The 6, 12, 18, 24, 30, 36 and over 36 months-recurrent rates were 3.1%, 26.4%, 32.5%, 32.5%, 32.5%, 46% and 46%. In control group, they were 10%, 23.3%, 34.8%, 46.2%, 73.1%, 73.1% and 100%. In a 24 month follow-up, there was no difference of recurrent rate between the group receiving the drug and control group: a recurrent rate of administrated group was lower than that of the control after 24 months. The recurrent rate of the group receiving Diacetyl-glucaro-(1-4) (6-3) dilactone combined with instillation was lower in a 2 year follow-up. It was anticipated that the combined therapy (Diacetyl-glucaro-(1-4) (6-3) dilactone administration and intravesical instillation of anticancer drugs) was useful in order to prevent recurrence of bladder cancer.

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